PIUSI®

MADE IN ITALY

FUEL
PRODUCT
RANGE

All Pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.

FUEL

PIUSI'S
FUEL
JOURNEY

THE HISTORY OF
KNOW-HOW

ABOUT US

PIUSI was established in 1953 in Suzzara, in the province of Mantua (Italy). For more than 60 years, PIUSI has been the major player in the world's leading markets with its full range of products for transferring, refilling and measuring lubricants, fuels and liquids such as gasoline, diesel, Diesel Exhaust Fluid (DEF), oil, water and grease. Some of PIUSI's main products include pumps, flow meters, nozzles, dispensers, hose reels, liquid level gauges, software and complete kits used by operators in agriculture, the automotive industry, workshops and garages, fleet management and transport by road and by sea. PIUSI products have many different uses such as monitoring and transferring fuel at trucking companies, refueling of agricultural vehicles, transferring fuels in construction and mining for heavy duty vehicles. The products are intuitive and easy to use; are suitable to be installed in a variety of contexts; are all made entirely in Italy; and all products express the innovation, quality, professionalism and R&D that have always distinguished PIUSI. Its headquarters are in Suzzara (Mantova - 150 km from Milan and Venice). The company currently employs more than 250 employees between sales, administration, R&D, production and logistics. PIUSI products are sold in more than 120 countries around the world thanks to a large network of distributors and the US branch based in Fort Lauderdale, FL, serving the North and South American markets.

1953
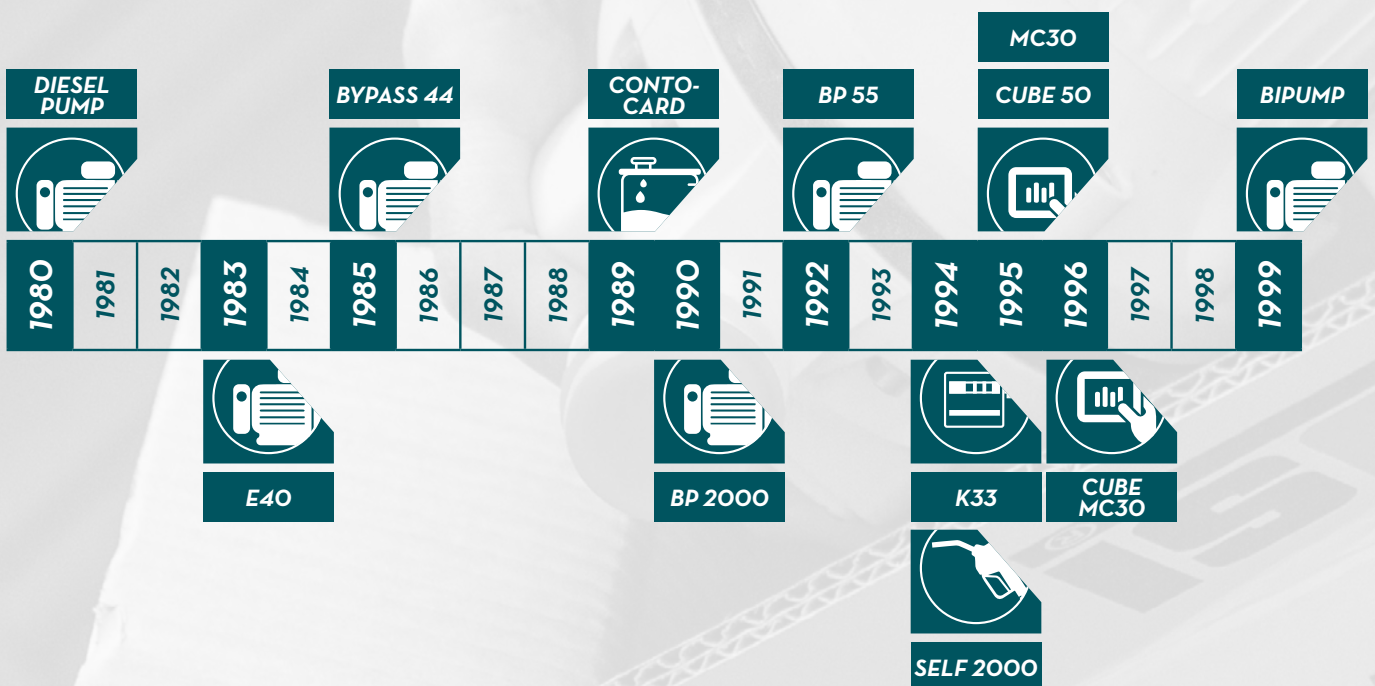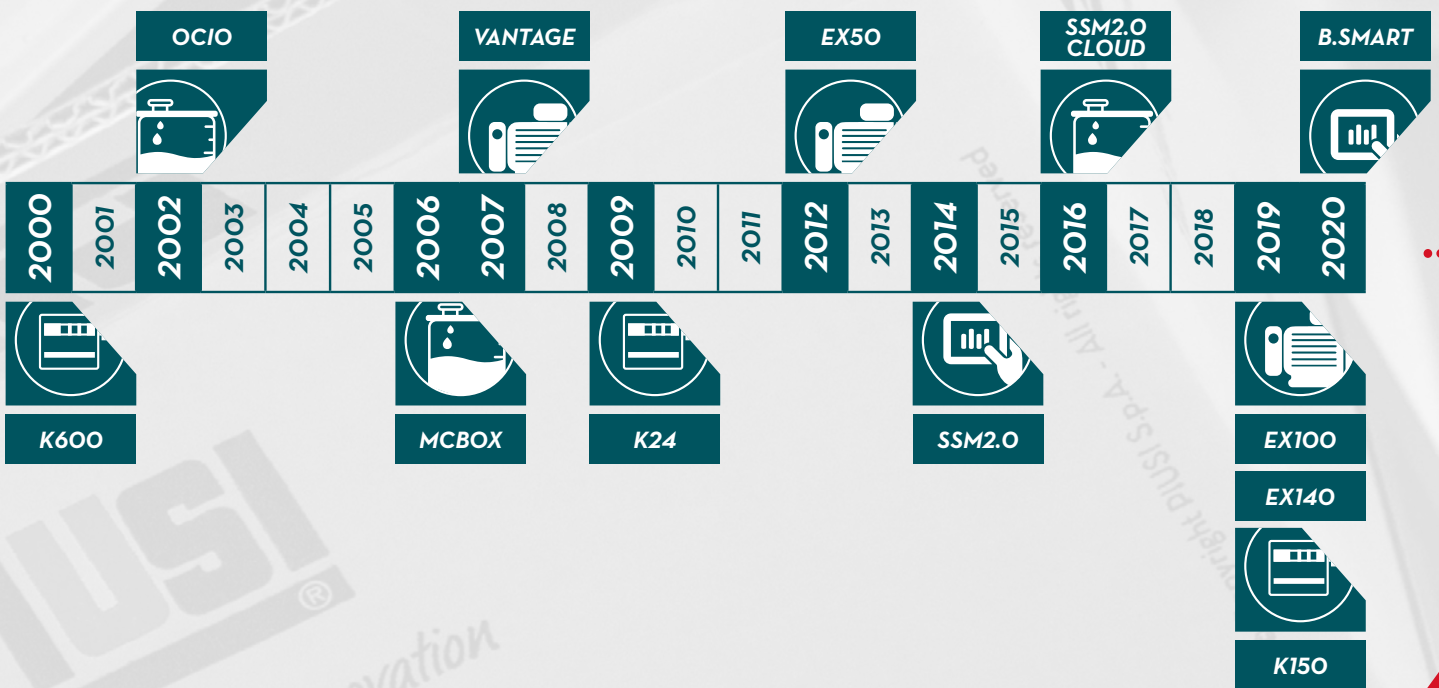
Timeline:

- **DIESEL PUMP** — 1980
- **E40** — 1983
- **BYPASS 44** — 1985
- **CONTO-CARD** — 1989
- **BP 2000** — 1990
- **BP 55** — 1992
- **MC30** / **CUBE 50** — 1994
- **K33** — 1994
- **CUBE MC30** — 1995
- **SELF 2000** — 1994
- **BIPUMP** — 1999

Years: 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999

Timeline

2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020

Above timeline:
- OCIO (2002)
- VANTAGE (2007)
- EX50 (2012)
- SSM2.0 CLOUD (2016)
- B.SMART (2020)

Below timeline:
- K600 (2000)
- MCBOX (2006)
- K24 (2009)
- SSM2.0 (2014)
- EX100 (2019)
- EX140
- K150

...

FUEL MANAGEMENT SYSTEMS

OVERVIEW

FEATURES:

ACCURATE DATA
• REAL AND ACCURATE CONSUMPTIONS' DATA ON EACH REFUELLING OPERATION MANAGED AUTOMATICALLY BY THE SYSTEM;
• OVERVIEW ON CONSUMPTIONS' TREND AND AVAILABLE RESIDUAL FUEL;

REDUCED COSTS
• CAREFUL AND MEASURED CONSUMPTION OF FUEL ALLOWS TO SAVE UP TO 20% OF FUEL EVERY YEAR

NO ABUSE
• A FUEL MANAGEMENT SYSTEM ALLOWS YOU TO TRACK WHO IS MAKING THE PROCEDURE, ON WHICH VEHICLE ALSO INDICATING THE DISPENSER USED IN ORDER TO CONTAIN ABUSES.

Fuel Management Systems (FMS) are technologically-advanced equipment that allow to **measure, control and manage the consumptions of fuel** (or other fluids) **of fleets or other Company vehicles** (such as for example the earth moving machines within the construction industry).

The **consumption** of fuel, diesel and petrol **is an important** part of the running **costs** of a fleet.

How much fuel have you wasted in the past few months?
How much fuel does each vehicle or driver consume?
What was the trend of consumptions?

To have a **clear and precise overview** on the situation, **you need a FMS.**

A system linked to your dispensers and stations for fuel transferring that follow and trace all the refuelling operations also indicating who is the operator and the vehicle which is refuelled; all in real time.

PIUSI has developed 3 different FMS software suitable for all different requirements: **B.SMART, SSM 2.O and SELF SERVICE MANAGEMENT 2018**.

FILTRATION TANK MONITORING HOSE REEL ACCESSORIES MERCHANDISE

PIUSI®

INDEX

| A | A | Ad | B | D | F | G | G | K | O | W | W |
| AIR | ANTIFREEZE | AdBlue® | BIODIESEL | DIESEL | FOOD | GASOLINE | GREASE | KEROSENE | OIL | WATER | WINDSCREEN |

Why choose a PIUSI FMS?

With **70 years of history**, PIUSI can supply not only all the technological and IT aspects of the software, but also – integrated – a wide range of dispensers suitable for all needs.

By choosing PIUSI, **you will have** – from a single supplier – **not only the Software, but also the dispensing Hardware** directly **from the same Company.**

		SELFSERVICE® MANAGEMENT 2018 Dispensing control ideal for: company that wants to monitor the quantity delivered.	**SSM 2.0 SELF SERVICE MANAGEMENT** Consumption control ideal for: a company that wants to monitor and manage the quantities supplied, manage consumption and supply of fuels.	**B.SMART** Dispensing control ideal for: company that wants to monitor and manage the quantities delivered in the cloud without territorial limitations, with smart technologies.
GENERAL	PLATFORM	PC Software	PC Software	Cloud Software
	MULTISITE	NA	with SSM2.0 Cloud	YES
	MAX USERS	120/Dispenser	up to 1000	Unlimited
	MAX DISPENSERS	16	up to 20	Unlimited
	USER LOGIN	iButton/Pincode	iButton/Pincode	Mobile App
LIMIT SETTINGS	REMOTE USER/DISPENSER DEACTIVATION	NA	YES	YES
	USER DAY/WEEKLY LIMITS	NA	YES	COMING UP
	VEHICLE LIMITS	NA	YES	COMING UP
MANAGEMENT: • **VEHICLES** • **SUPPLIERS** • **CONSUMPTIONS**	REGISTRATION NUMBER	Manual entry	iButton	Mobile App
	USER VEHICLE ASSIGNMENT	NA	YES	COMING UP
	ODOMETER	YES	YES	YES
	EXTERNAL TRANSACTIONS	NA	YES	COMING UP
	FUEL CONSUMPTION MANAGEMENT	NA	YES	COMING UP
	ADBLUE CONSUMPTION MANAGEMENT	NA	YES	COMING UP
	FLUID SUPPLIERS MANAGEMENT	NA	YES	COMING UP
TANK LEVEL MANAGEMENT	TANK LOW LEVEL PUMP CUT-OFF	YES	YES	YES
	REMOTE TANK LEVEL MANAGEMENT	NA	YES	with Tank Watchdog Add-on
	MAX NO. OCIO	NA	up to 20	Unlimited - with Tank Watchdog Add-on
TANK ALARM	SOFTWARE ALARMS	NA	YES	YES
	HARDWARE ALARMS (W/OCIO)	YES	YES	YES
REPORT	TRANSACTION REPORT	YES	YES	YES
	TANK LEVEL REPORT	NA	YES	with Tank Watchdog Add-on
	FUEL PRICE TREND REPORT	NA	YES	with Tank Watchdog Add-on

IBUTTON: IN CASE OF EMERGENCY IF/OR SMARTPHONE IS ABSENT OR IT DOESN'T WORK

OVERVIEW

B.SMART

FEATURES

- *SIMPLE, INTUITIVE, SUITABLE FOR EVERYONE*
- *UNLIMITED TO FIT ALL NEED*
- *MONO OR MULTI-SITE*
- *SOFTWARE ALWAYS INCLUDED WITH THE DISPENSER*
- *BLUETOOTH*
- *CLOUD-BASED*
- *NO SOFTWARE INSTALLATION*
- *NO FEE*
- *ANALYSIS, CONTROL AND MANAGEMENT IN ONE CLICK*

B.SMART is the Fuel Management System (FMS) by PIUSI designed and engineered for fleets of all sizes: small, medium, large, mono or multi-site. Innovative, simple and smart - the name carries its meaning – PIUSI B.SMART combines the quality and efficiency of PIUSI dispensers, with a Cloud-based software (APP for drivers and a web APP for fleet managers) driven by Bluetooth technology; that means no Wi-Fi or LAN network are required. Thus, it is possible to use B.SMART wherever; also in the more distant areas.

A FMS all in one: the fleet manager has just to choose the necessary dispensers; the software is always included in the "package" (no rental ore recurring fee will be required).

PERFORMANCE

DATA **AVAILABLE** ALWAYS	NO **SOFTWARE** ON THE PC
TRANSACTIONS	CLOUD
NO FEE	**BLUETOOTH** NO WI-FI OR LAN
UTILIZATION	CONNECTION

B.SMART

B.SMART is flexible and expandable: the same system easily fits to all requirements. It is only necessary to add the add-on needed to keep up with the evolution of the fleet.

B.SMART API AVAILABLE

CONNECT YOUR ERP TO B.SMART WITH THE INTEGRATED API INTERFACE.
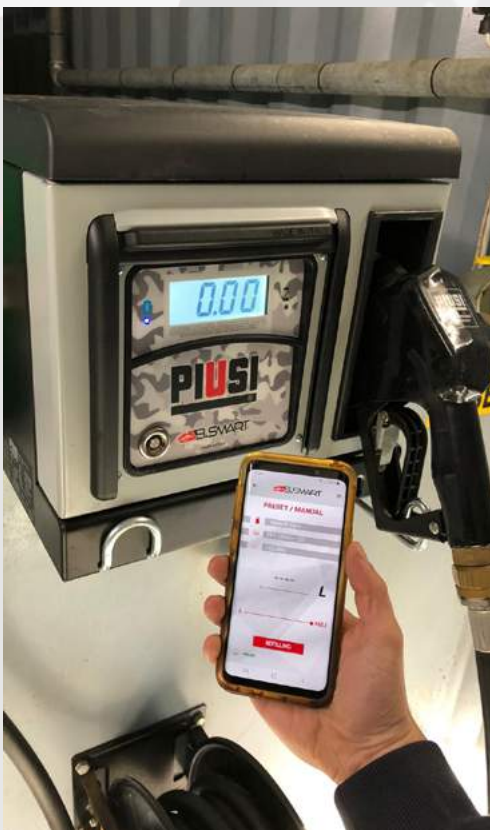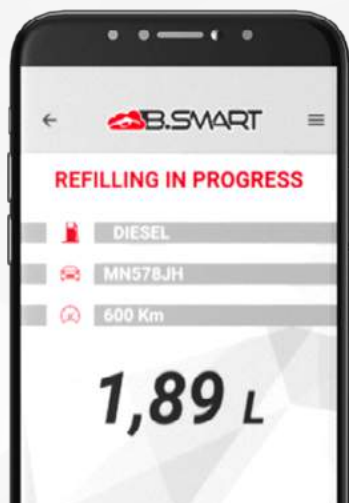
APP

Dedicated to drivers, the APP for drivers just needs a smart device with Bluetooth to work properly: once the APP is open, the smartphone or tablet immediately connects to the dispenser to start the refueling operation.

HARDWARE

PIUSI B.SMART runs only with the dedicated range of dispensing devices: quality guaranteed by PIUSI; the highest technical performances and reliability, all form a unique supplier. Real time communication between the dispenser and the PC.

CLOUD

The core of B.SMART fuel management software is a Cloud-based service that tracks every   refuelling operation and keeps every device synchronized.

WEB APP

Dedicated to fleet manager. No software installation: just log in and start immediately to monitor, manage and control consumptions of the fleet.

B.SMART

ADD-ONS

FEATURES

- **EXPANDABLE WITH DEDICATED ADD-ON**
- **UNLIMITED DRIVERS**
- **DETAILED INFO FOR EACH DRIVER**
- **SUITABLE FOR ALL NEED**
- **MONITORING AND MANAGEMENT OF THE TANKS**

PIUSI B.SMART is an expandable system that quickly adapts to the new needs thanks to software-activated addons. A smart FMS that grows with the business. With the ADD-ON packages it is possible to purchase drivers accesses (5, 10 or 50) or the special function TANK WATCHDOG to have always under control the level of the fluid in the tank.
You can also upgrade your MC version to B.SMART with the dedicated KIT HARDWARE 1.0/2018 UPGRADE.

B.SMART
system add-on

PIUSI B.SMART
ADD-ON CODE

- To activate your add-on go to **BSMART.PIUSI.COM** and login into your site,
- Click on left menu "**SETTINGS**",
- Choose "**ADD-ON**" tab,
- Enter the code and proceed with the activation.

piusi.com
PIUSI SpA • Suzzara MN Italy
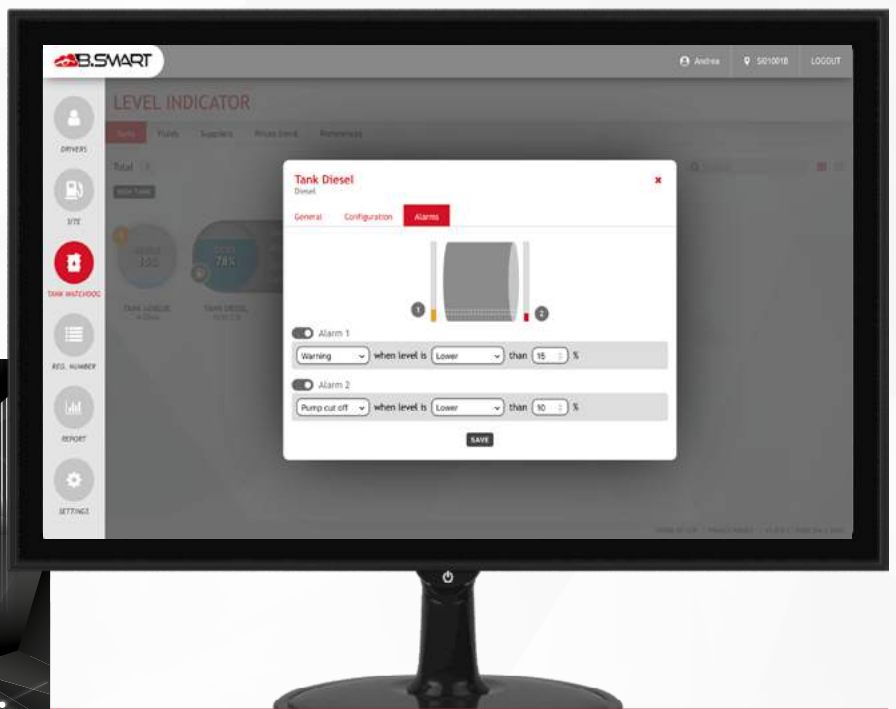
TANK WATCHDOG

B.SMART Tank Watchdog is the perfect add on for a complete and updated control of the stock. It allows you to:

- monitor the tank level (add fluid loads and unloads and adjustments);
- set level alarms;
- manage suppliers;
- follow inventory price values and trends;
- access and download reports from anywhere.

ADD-ON

Once the ADD-ON is chosen, PIUSI will send an activation code with all related instructions.

DRIVER ADD-ON	
CODE	DESCRIPTION
F00770D00	DRIVER ACCESS ADD-ON B.SMART (X5)
F00770D10	DRIVER ACCESS ADD-ON B.SMART (X15)
F00770D20	DRIVER ACCESS ADD-ON B.SMART (X50)

TANK WATCHDOG ADD-ON (available from september 2020)	
CODE	DESCRIPTION
F00770L00	B.SMART TANK WATCHDOG ADD-ON - 1 YEAR
F00770L10	B.SMART TANK WATCHDOG ADD-ON - 3 YEARS
F00770L20	B.SMART TANK WATCHDOG ADD-ON - ONE TIME FEE

ONLY WITH THE PURCHASING OR THE PRESENCE IN THE SYSTEM OF OCIO 2.0

TANK WATCHDOG - tank levels

Adding the level indicator OCIO, the system allows you to monitor the fluid level in your tanks in real time and gives alarms in case of malfunction or low levels. A perfect add on for a complete and updated control of the stock. You can connect also any 42O mA o O-1O V fluid gauge or run the system without any gauge thank to the "virtual tank" option:

• set level alarms and get notifications on the tank level;
• possibility to configure high level or low level alarms;
• stop the pump according to the level of the fluid;
• send an automatic e-mail to notify when you reach the level alarm set.
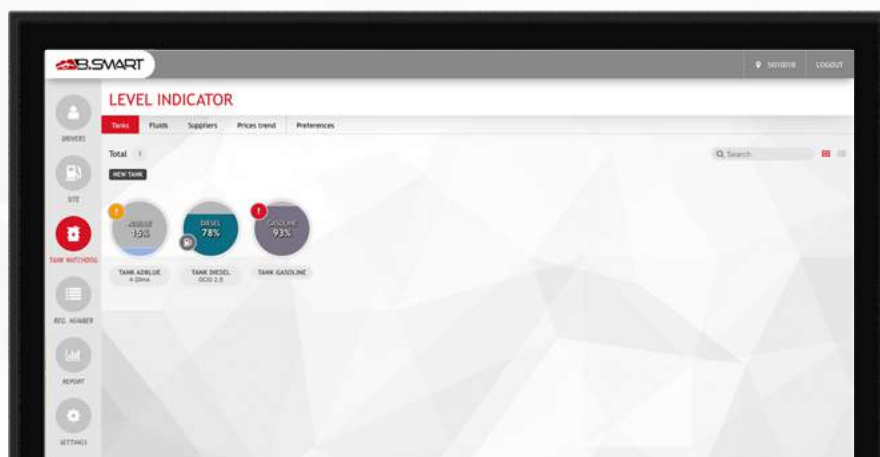
TANK WATCHDOG - fluid price and values

Thank to the level indicator OCIO you can have at your fingertips the fluid inventory value & quantity: you can define the refuelling price and verify the current inventory value.

• manage suppliers of the fluids to keep track of the date, price and quantity bought;
• get real time data of the value of your inventory;
• follow fluids price trends;
• access and download reports from any internet connected device thanks to the software cloud.

ADD-ONS

CUBE B.SMART

FEATURES

- **STURDY STRUCTURE**
- **COMPACT DESIGN**
- **NATIVE WITH B.SMART CLOUD SOFTWARE**
- **KIT UPGRADE 1.0/2018 AVAILABLE**
- **IP55**

The CUBE B.SMART fuel dispenser, available in the 70 and 90 litre/min versions with both AC and DC supply, is equipped with a self-priming vane pump with built-in bypass that ensures high performance. The anti-vibration support of the diesel dispenser guarantees silent operation and practicality, while the mechanical seal and the thermal protection of the induction motor against overheating make the product reliable and safe. CUBE B.SMART is equipped with an automatic nozzle with swivel connection. The installation of the mesh filter on the suction side ensures the pump longevity, as it prevents foreign bodies from ending up in the rotor and causing a blockage and consequent damage.

PERFORMANCE

UP TO **90 L/MIN**	**AC/DC** *VOLTAGE*
FLOW RATE	POWER
± 0,5%	**BLUETOOTH**
ACCURACY	CONNECTION

NEW

Upgrade your MC hardware to B.SMART with **KIT HARDWARE 1.0/2018 UPGRADE.**

CUBE B.SMART

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	⛴
AC VERSION							
F00598000	24	53	380X380X480	15,0X15,0X18,9	1	-	-
F00598020	24	53	380X380X480	15,0X15,0X18,9	1	-	-
F00598040	24	53	380X380X480	15,0X15,0X18,9	1	-	-
F00598010	24	54	380X380X480	15,0X15,0X18,9	1	-	-
F00598030	24	54	380X380X480	15,0X15,0X18,9	1	-	-
F00598050	24	54	380X380X480	15,0X15,0X18,9	1	-	-
DC VERSION							
F00598A00	23	50	380X380X480	15,0X15,0X18,9	1	-	-
F00598A20	23	50	380X380X480	15,0X15,0X18,9	1	-	-
F00598A40	23	50	380X380X480	15,0X15,0X18,9	1	-	-
F00598A10	23	50	380X380X480	15,0X15,0X18,9	1	-	-
F00598A30	23	50	380X380X480	15,0X15,0X18,9	1	-	-
F00598A50	23	50	380X380X480	15,0X15,0X18,9	1	-	-

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

INDEX

(A) AIR   (A) ANTIFREEZE   (Ad) AdBlue®   (B) BIODIESEL   (D) DIESEL   (F) FOOD   (G) GASOLINE   (G) GREASE   (K) KEROSENE   (O) OIL   (W) WATER   (W) WINDSCREEN

CHART

PANTHER PUMP

- - - PANTHER DC
——— PANTHER 72
—·— PANTHER 90

TYPE OF FLUID	DIESEL
TEMPERATURE	20°C
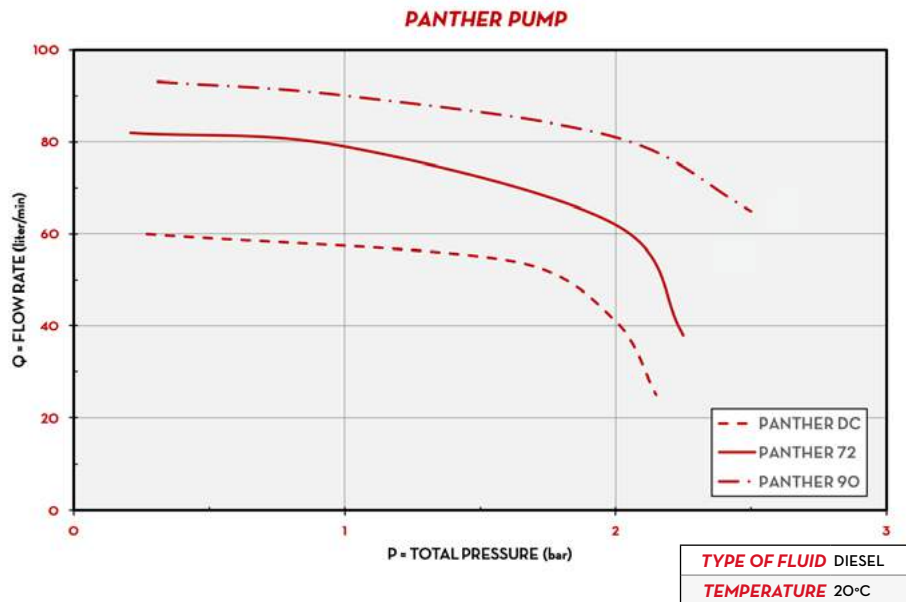
IN THE BOX

- CUBE B.SMART DISPENSER
- AUTOMATIC NOZZLE
- DELIVERY HOSE
- DRIVER ACCESS ADD-ON
- INSTRUCTION MANUAL

DETAILS

SHUTTER

B.SMART MOBILE APP

B.SMART CLOUD SOFTWARE

MATERIALS

- **PUMPS:**
  PANTHER AC   PAG. 102
  PANTHER DC   PAG. 114
- **METER:**
  K600/3   PAG. 134
- **NOZZLE:**
  AUTOMATIC NOZZLE   PAG. 158

DIMENSIONS

413 · 345 · 341 · 1368 · 336 · 500 · 314 · 281

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	METER	NOZZLE	FILTER	INLET	HOSE	
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	H2O FILTER	BSP	LENGTH	Ø
AC VERSION														
F00598000	CUBE 70 230V B.SMART 10 DIVERS	D	70	18	230 V	50 HZ	900 W	4,2 A	PANTHER 72	K600/3	A60	NO	1"	4M	25MM
F00598020	CUBE 70 B.SMART 230 V 20 DIVERS	D	70	18	230 V	50 HZ	900 W	4,2 A	PANTHER 72	K600/3	A60	NO	1"	4M	25MM
F00598040	CUBE 70 B.SMART 230 V 50 DIVERS	D	70	18	230 V	50 HZ	900 W	4,2 A	PANTHER 72	K600/3	A60	NO	1"	4M	25MM
F00598010	CUBE 90 230V B.SMART 10 DIVERS	D	90	24	230 V	50 HZ	900 W	4,9 A	PANTHER 90	K600/3	A120	NO	1"	4M	25MM
F00598030	CUBE 90 B.SMART 230V 20 DIVERS	D	90	24	230 V	50 HZ	900 W	4,9 A	PANTHER 90	K600/3	A120	NO	1"	4M	25MM
F00598050	CUBE 90 B.SMART 230V 50 DIVERS	D	90	24	230 V	50 HZ	900 W	4,9 A	PANTHER 90	K600/3	A120	NO	1"	4M	25MM
DC VERSION														
F00598A00	CUBE 12 V B.SMART · 10 DRIVERS	D	56	15	12 V	-	300	35	PANTHER DC	K600/3	A60	NO	1"	4M	25MM
F00598A20	CUBE 12 V B.SMART · 20 DRIVERS	D	56	15	12 V	-	300	35	PANTHER DC	K600/3	A60	NO	1"	4M	25MM
F00598A40	CUBE 12 V B.SMART · 50 DRIVERS	D	56	15	12 V	-	300	35	PANTHER DC	K600/3	A60	NO	1"	4M	25MM
F00598A10	CUBE 24 V B.SMART · 10 DRIVERS	D	70	18	24 V	-	420	25	PANTHER DC	K600/3	A60	NO	1"	4M	25MM
F00598A30	CUBE 24 V B.SMART · 20 DRIVERS	D	70	18	24 V	-	420	25	PANTHER DC	K600/3	A60	NO	1"	4M	25MM
F00598A50	CUBE 24 V B.SMART · 50 DRIVERS	D	70	18	24 V	-	420	25	PANTHER DC	K600/3	A60	NO	1"	4M	25MM

CUBE B.SMART

SELF SERVICE B.SMART

FEATURES

- **FUEL MANAGEMENT SYSTEM B.SMART INTEGRATED**
- **NO SOFTWARE INSTALLATION REQUIRED**
- **SUITABLE FOR FLEETS OF ALL SIZES**
- **REAL TIME FEEDBACK FROM ANYWHERE**
- **BUILT-IN FILTER**
- **ALL-IN-ONE EQUIPMENT**
- **COMPACT DESIGN**
- **KIT UPGRADE 1.0/2018 AVAILABLE**

Top quality diesel dispenser by PIUSI, combined with the innovative B.SMART fuel management system: this is the core of the new SELF SERVICE B.SMART. A complete device specifically engineered to fit all diesel transfer needs while performing all the features of a fuel management software in terms of monitoring, controlling and managing the consumption of fuel by the fleet.

This dispenser performs: a sturdy design to ensure proper function in any working condition, a vane pump with incorporated bypass for a high flow rate (up to 90 l/min) and an oval gear meter to ensure maximum precision in measurement. An automatic nozzle with swivel connection, ergonomic and easy to handle, and a water absorption filter completes its components.

PERFORMANCE

UP TO **90 L/MIN**	**AC** VOLTAGE
FLOW RATE	POWER

± 0,5%	**BLUETOOTH**
ACCURACY	CONNECTION

NEW

Upgrade your MC hardware to B.SMART with **KIT HARDWARE 1.0/2018 UPGRADE.**

SELF SERVICE B.SMART

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F00748010	57	125	1480X490X400	58,3X19,3X15,7	1	-	-
F00748040	57	125	1480X490X400	58,3X19,3X15,7	1	-	-
F00748060	57	125	1480X490X400	58,3X19,3X15,7	1	-	-
F00748000	61	133	1480X490X400	58,3X19,3X15,7	1	-	-
F00748030	61	133	1480X490X400	58,3X19,3X15,7	1	-	-
F00748070	61	133	1480X490X400	58,3X19,3X15,7	1	-	-

CHART

E120 / PANTHER 72

TYPE OF FLUID	DIESEL
TEMPERATURE	20°C
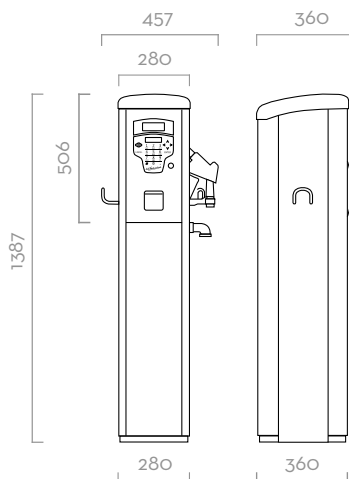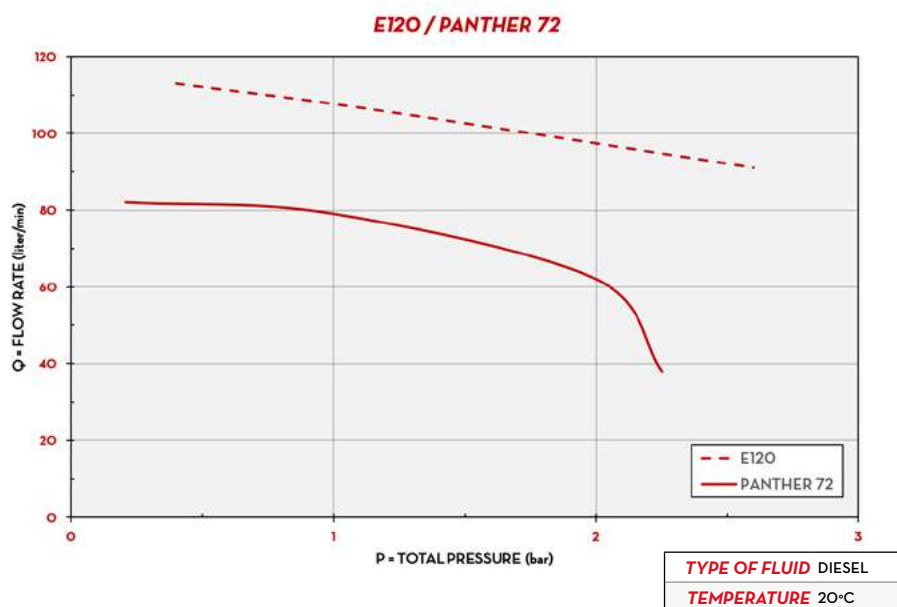
IN THE BOX

- SELF SERVICE B.SMART DISPENSER
- DELIVERY HOSE
- AUTOMATIC NOZZLE
- DRIVER ACCESS ADD-ON
- INSTRUCTION MANUAL

DIMENSIONS

Dimensions expressed in millimeters

DETAILS

SHUTTER

B.SMART MOBILE APP

B.SMART CLOUD SOFTWARE

WATER CAPTOR FILTER (pag. 170)

MATERIALS

- PUMPS:
  PANTHER 72 / E120   PAG. 102/106
- METER:
  K600/3   PAG. 134
- NOZZLE:
  AUTOMATIC NOZZLE   PAG. 158
- FILTER:
  WATER CAPTOR   PAG. 170

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	METER	NOZZLE	FILTER	INLET	HOSE	
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	H2O FILTER	BSP	LENGTH	Ø
F00748010	SELF SERVICE 70 230V B.SMART 10 DRIVERS	D	70	18	230 V 50 HZ	550 W	3,3 A	PANTHER 72	K600/3	A120	30 µM	1 1/2"	4M	25MM
F00748040	SELF SERVICE 70 230V B.SMART 20 DRIVERS	D	70	18	230 V 50 HZ	550 W	3,3 A	PANTHER 72	K600/3	A120	30 µM	1 1/2"	4M	25MM
F00748060	SELF SERVICE 70 230V B.SMART 50 DRIVERS	D	70	18	230 V 50 HZ	550 W	3,3 A	PANTHER 72	K600/3	A120	30 µM	1 1/2"	4M	25MM
F00748000	SELF SERVICE 100 230V B.SMART 10 DRIVERS	D	90	24	230 V 50 HZ	1150 W	5,7 A	E120	K600/3	A120	30 µM	1 1/2"	4M	25MM
F00748030	SELF SERVICE 100 230V B.SMART 20 DRIVERS	D	90	24	230 V 50 HZ	1150 W	5,7 A	E120	K600/3	A120	30 µM	1 1/2"	4M	25MM
F00748070	SELF SERVICE 100 230V B.SMART 50 DRIVERS	D	90	24	230 V 50 HZ	1150 W	5,7 A	E120	K600/3	A120	30 µM	1 1/2"	4M	25MM

SELF SERVICE B.SMART

MCBOX B.SMART

FEATURES

- **IDEALS FOR EXISTING PLANTS**
- **SUITABLE FOR ANY PUMPS**
- **PULSE METER INPUT**
- **NATIVE WITH B.SMART CLOUD SOFTWARE**

MCBOX is an electronic control panel that allows you to control any type of AC/DC pump, pulser litre-counter, nozzle and fuel level switches. The perfect product to upgrade an existing installation or for a customized assembly.

With MC BOX B.SMART the B.SMART fuel management system is integrated. No need for software to be installed on a PC: B.SMART works in the Cloud and allows you to monitor all fuel transactions in real time, from any site where MCBOX B.SMART is installed. Communication between MCBOX B.SMART, Phone App and Cloud Software is simple.

PERFORMANCE

AC/DC	UP TO 500
VOLTAGE	**STORABLE**
POWER	TRANSACTIONS

2 PUMPS VERSION	BLUETOOTH
OUTPUT	CONNECTION

MC BOX B.SMART

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
AC VERSIONS							
F00599000	5,2	11,5	300X300X180	11.8X11.8X7.1	1	-	-
F00599040	5,2	11,5	300X300X180	11.8X11.8X7.1	1	-	-
F00599080	5,2	11,5	300X300X180	11.8X11.8X7.1	1	-	-
F00599200	5,3	11,6	300X300X180	11.8X11.8X7.1	1	-	-
F00599240	5,3	11,6	300X300X180	11.8X11.8X7.1	1	-	-
F00599280	5,3	11,6	300X300X180	11.8X11.8X7.1	1	-	-
DC VERSIONS							
F00599010	5,4	11,8	300X300X180	11.8X11.8X7.1	1	-	-
F00599050	5,4	11,8	300X300X180	11.8X11.8X7.1	1	-	-
F00599090	5,4	11,8	300X300X180	11.8X11.8X7.1	1	-	-
F00599060	5,4	11,8	300X300X180	11.8X11.8X7.1	1	-	-
F00599070	5,4	11,8	300X300X180	11.8X11.8X7.1	1	-	-
F00599110	5,4	11,8	300X300X180	11.8X11.8X7.1	1	-	-

CONNECTION SCHEME

PUMP CONTROL   PULSE METER INPUT   TANK LEVEL INDICATOR   NOZZLE SWITCH

IN THE BOX

- MCBOX B.SMART UNIT
- DRIVER ACCESS ADD-ON
- INSTRUCTION MANUAL

DETAILS

SHUTTER   B.SMART MOBILE APP

B.SMART CLOUD SOFTWARE   EASY ACCESS TO CONNECTION

DIMENSIONS

172

256

260   146
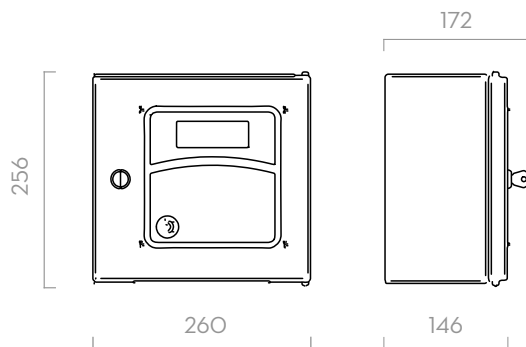
Dimensions expressed in millimeters

TECHNICAL DATA

| CODE | DESCRIPTION | FLUIDS TYPE | VOLTAGE | | | B.SMART CLOUD |
			AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	
AC VERSIONS						
F00599000	MCBOX 100-240V B.SMART 10 DRIVERS	ANY	100V-240V	50/60 HZ	5W	15 A	INCLUDED
F00599040	MCBOX 100-240V B.SMART 20 DRIVERS	ANY	100V-240V	50/60 HZ	5W	15 A	INCLUDED
F00599080	MCBOX 100-240V B.SMART 50 DRIVERS	ANY	100V-240V	50/60 HZ	5W	15 A	INCLUDED
F00599200	MCBOX 100-240V B.SMART 10 DRIVERS 2 PUMPS	ANY	100V-240V	50/60 HZ	5W	15 A	INCLUDED
F00599240	MCBOX 100-240V B.SMART 20 DRIVERS 2 PUMPS	ANY	100V-240V	50/60 HZ	5W	15 A	INCLUDED
F00599280	MCBOX 100-240V B.SMART 50 DRIVERS 2 PUMPS	ANY	100V-240V	50/60 HZ	5W	15 A	INCLUDED
DC VERSIONS						
F00599010	MCBOX 12V B.SMART 10 DRIVERS	ANY	12 V	-	5W	50 A	INCLUDED
F00599050	MCBOX 12V B.SMART 20 DRIVERS	ANY	12 V	-	5W	50 A	INCLUDED
F00599090	MCBOX 12V B.SMART 50 DRIVERS	ANY	12 V	-	5W	50 A	INCLUDED
F00599060	MCBOX 24V B.SMART 10 DRIVERS	ANY	24 V	-	5W	25 A	INCLUDED
F00599070	MCBOX 24V B.SMART 20 DRIVERS	ANY	24 V	-	5W	25 A	INCLUDED
F00599110	MCBOX 24V B.SMART 50 DRIVERS	ANY	24 V	-	5W	25 A	INCLUDED

MCBOX B.SMART

SSM2.0

FEATURES

- *TANK WATCHDOG*
- *DRIVERS/VEHICLES MANAGEMENT*
- *REPORT*
- *SSM 2.0 CLOUD READY*
- *FLUID INVENTORY VALUE*

The new SELF SERVICE MANAGEMENT 2.0 software is the most advanced response for management and monitoring of refueling, allowing supervision of drivers, vehicles and fuel tanks. Setting up the system and getting to work has never been easier: simply connect the devices to your LAN or Wi-Fi network and click on the "Detect System" button on your PC. SELF SERVICE MANAGEMENT 2.0 will handle the rest. Use of the SELF SERVICE MANAGEMENT 2.0 software requires the new range of SELF SERVICE 2.0 dispensing devices. The ibutton key reader kit is available on request.

PERFORMANCE

UP TO	
1000	**USB/WEB**
	SOFTWARE VERSION
DIVERS / VEHICLES	INSTALLATION

SOFTWARE ACTIVATION MODE

USB HARDWARE KEY
without internet connection

WEB EDITION
internet connection required

CONSUMPTIONS 1

REFUELLINGS 2

TANK LEVELS 3

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

INDEX

(A) AIR   (A) ANTIFREEZE   (Ad) AdBlue®   (B) BIODIESEL   (D) DIESEL   (F) FOOD   (G) GASOLINE   (G) GREASE   (K) KEROSENE   (O) OIL   (W) WATER   (W) WINDSCREEN

i

The system min. requirements are:
- Monitor resolution 1280x700
- CPU: Intel® Pentium® 4 or AMD Athlon® 64 processor (2 GHz or higher)
- RAM: 2 GB
- Free space on Hard Disk: 20 GB
- Operating system: Windows VISTA SP2, Windows Server 2008 R2 SP1, Windows 7 SP1, Windows 8, Windows 8.1, Windows Server 2012, Windows Server 2012 R2, Windows 10
- Database: Microsoft SQL 2012 R2 SP2 Express (included in the installation)

CHECK
The cost of the consumption for every distance.

VIEW
Bar charts easily allow you to analyze the liters delivered each day and compare them with the average use.

VEHICLES
Reads the average consumption and distance driven.

TANK MONITORING
Check the liters delivered over the period you specify.

TECHNICAL DATA - USB CODE	
CODE	**DESCRIPTION**
F00772050	SSM 2.0 ENTRY
F0077202A	SSM 2.0 ADVANCED
F0077204A	SSM 2.0 SUITE
F0077200O	SSM 2.0 CLIENT

TECHNICAL DATA - WEB CODE	
CODE	**DESCRIPTION**
F00772250	SSM 2.0 ENTRY - WEB EDITION
F0077222A	SSM 2.0 ADVANCED - WEB EDITION
F0077224A	SSM 2.0 SUITE - WEB EDITION
F0077220O	SSM 2.0 CLIENT - WEB EDITION

THE PURCHASE OF ADDITIONAL CLIENT LICENSES ENABLES YOU TO USE THE VARIOUS VERSIONS OF SELF SERVICE MANAGEMENT 2.0 ON MULTIPLE WORKSTATIONS.

SSM2.0

DATA TRANSFER SSM2.O

Among the equipment related to SSM 2.O, PIUSI has developed a set of technological solutions able to connect the electronic/mechanical device to the fluid control system, that is the software that organizes the operation of the hardware; in this case SELF SERVICE MANAGEMENT 2.O. How does data transfer with SSM2.O work? It depends on the technology required.

Direct downloading
Use your Manager Key to transfer the data from dispenser to PC: it is enough to touch the dispenser with the key and then use the key reader to transfer the data collected.

LAN/Wi-Fi
The way to receive in real time all information regarding the transactions: using PWLAN or PW WiFi the software recognizes the fuel dispensers and it will automatically send the data to the SELF SERVICE MANAGEMENT 2.O software.

Mobile Network
The brand-new PW MOBILE 4G 2.O allows to install dispenser wherever desired, even in the most remote area, without the need of a local network: the device uses the mobile 4G technology to communicate and transfer data and comes with a SIM card included.

PW-MOBILE   MANAGER KEY   LAN   PW-WIFI 2.O

PW MOBILE

A new communication system that allows you to transfer data using mobile 4G network.

KEY READER & MANAGER KEY 2.0

LAN

A network card that allows the RS485 signal to be converted for connection to a LAN, through a simple and intuitive interface.

PW WI-FI

A device that allows to convert the RS485 signal to Wi-Fi, through a simple and intuitive interface.

cable max 90 mt

TECHNICAL DATA

CODE	DESCRIPTION
F1226201A	KIT KEY READER SELF SERVICE 2.0
F2055201O	MANAGER KEY 2.0 (GREY)
F1271012A	PW WI-FI 2.0
F1271013O	PW MOBILE 4G 2.0

DATA TRANSFER SSM2.0

FUEL MANAGEMENT SYSTEMS

DISPENSERS

KITS

PUMPS

METERS

NOZZLES

SSM2.0 CLOUD

FEATURES

- **DATA ALWAYS AVAILABLE**
- **NO INSTALLATION REQUIRED ON THE PC**
- **MANAGE SEVERAL SITES AT THE SAME TIME**

PIUSI SSM 2.0 CLOUD is the application that lets you control your refueling sites remotely and manage several installations at the same time. With SSM 2.0 CLOUD you can fully monitor the equipment of each site, manage vehicles and drivers, have an overview of the situation of your plants at a glance and filter all data. Information are always available everywhere and at any time thus stored in Cloud.

SSM2.0CLOUD®

PERFORMANCE

6 MONTHS	AVAILABLE DATA
FREE TRIAL	**STORAGE**
TRY&BUY	ANYWHERE ANYTIME
	DATA BACKUP

INFO & CONSUMPTION	TANK LEVEL
MONITORING	**MONITORING**
DRIVERS&VEHICLE	TANK WATCHDOG

NEW

TRY & BUY

SSM 2.0 CLOUD is now available in the TRY & BUY mode: a **free 6-month trial** of the CLOUD service made available by PIUSI, which allows you to manage your system from any device or tablet.
Once the free 6-month trial has ended, you can proceed with the purchase keeping in cloud the data used during the trial period.
Ask your dealer for further details!

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

PIUSI®

INDEX

(A)   (A)   (Ad)   (B)   (D)   (F)   (G)   (G)   (K)   (O)   (W)   (W)
AIR   ANTIFREEZE   AdBlue®   BIODIESEL   DIESEL   FOOD   GASOLINE   GREASE   KEROSENE   OIL   WATER   WINDSCREEN

TANK WATCHDOG

The tank watchdog section **allows you to manage the level of all your tanks**, mono or multi-site installations.

DASHBOARD

The core of the system.
Choose to display the time range you are interested in, group and filter by consumption, dispensing, and levels.
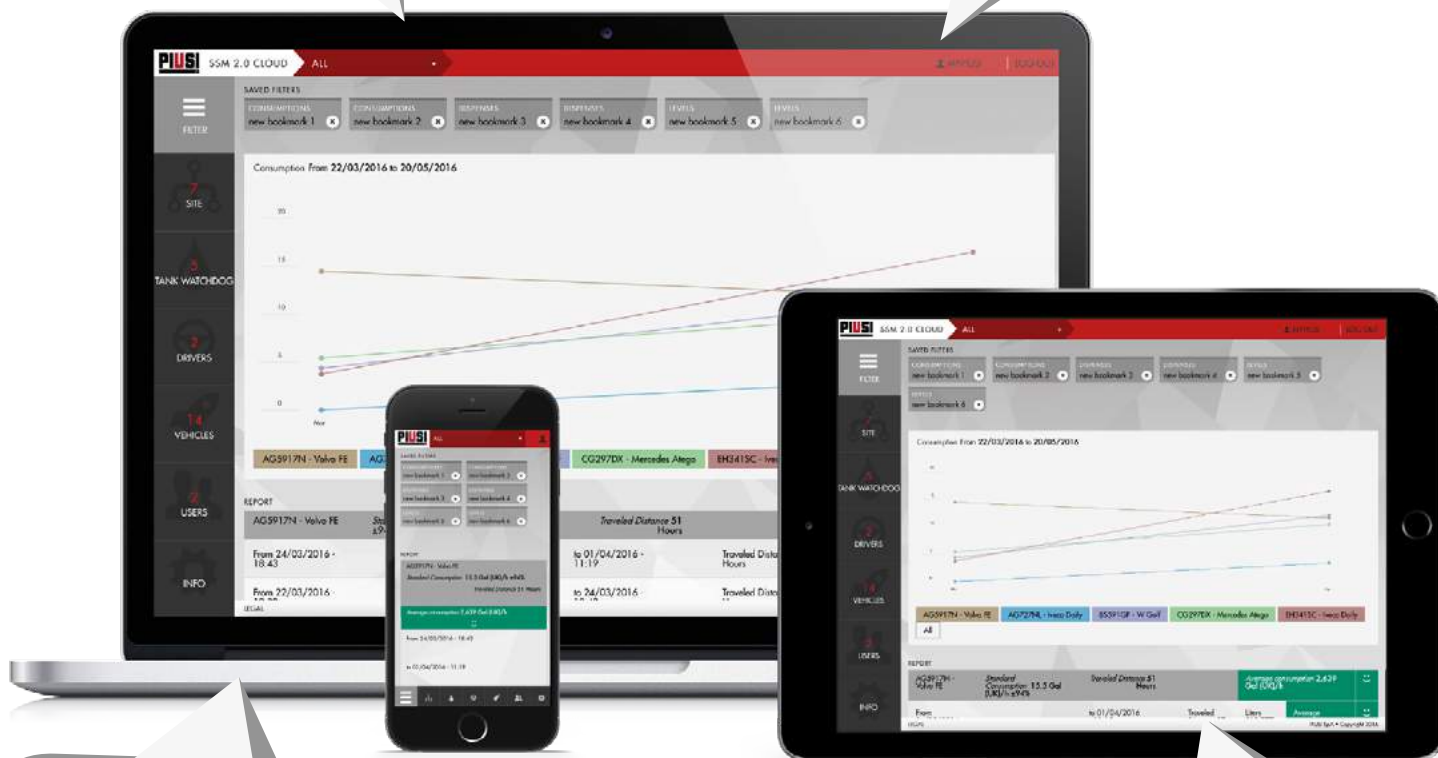
DIVERS&VEHICLES

Add, modify and monitor **the main information of each vehicle and driver** for each of your sites.

DATA BACKUP

Thanks to SSM 2.O CLOUD all your data are **always backed-up and available anywhere and any time you need**, also in case of PC malfunction.

SITE

Access the "site" section for an **overview of all your sites** and installed devices.

SSM2.O CLOUD

CUBE MC 2.O

FEATURES

- **STURDY STRUCTURE**
- **BUILT-IN LAN ADAPTER**
- **COMPACT DESIGN**
- **SSM 2.O SOFTWARE REQUIRED**
- **IP55**
- **IDEAL FOR FUEL MANAGEMENT**

The PIUSI CUBE MC 2.O is the perfect solution for those who need safe and simple, high-volume fuel dispensing operations while checking transactions and managing their own fleet. The system is equipped with the same main feature of the CUBE MC, and includes a built-in LAN connection. SSM 2.O Software required.

PERFORMANCE

UP TO **90 L/MIN**	UP TO **1000**
FLOW RATE	USERS

± 0,5%
ACCURACY

CUBE MC 2.O

CUBE MC 2.O WITH PEDESTAL (OPTIONAL)

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F00596OOB	25	55	400X400X460	-	1	12	24
F005961OB	25	55	400X400X460	-	1	12	24

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

PANTHER PUMP

— PANTHER 72
···· PANTHER 90

TYPE OF FLUID DIESEL
TEMPERATURE 20°C

IN THE BOX

- CUBE MC 2.0 DISPENSER
- AUTOMATIC NOZZLE
- DELIVERY HOSE
- INSTRUCTION MANUAL

DETAILS

SHUTTER   USER&VEHICLE KEY (n.i.)

SSM 2.0 SOFTWARE (pag. 28)   DATA TRANSFER SSM2.0 (pag. 30)

MATERIALS

- **PUMPS:**
  PANTHER AC   PAG. 102
  PANTHER DC   PAG. 114
- **METER:**
  K600/3   PAG. 135
- **NOZZLE:**
  AUTOMATIC NOZZLE   PAG. 158

DIMENSIONS

413
345
500
314
341
1368
336
281

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	METER	NOZZLE	FILTER	INLET	HOSE LENGTH	SELF SERVICE MANAGEMENT 2.0
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	H2O FILTER	BSP	METERS	
F0059600B	CUBE 70 MC 2.0	D	70	18	230/50	900	4,9	PANTH 72	K600	A60	NO	1"	4	REQUIRED
F0059610B	CUBE 90 MC 2.0	D	90	23,8	230/50	900	4,9	PANTH 90	K600	A120	NO	1"	4	REQUIRED

CUBE MC 2.0

SELF SERVICE MC 2.0

FEATURES

- **STURDY STRUCTURE**
- **ALL-IN-ONE DISPENSER**
- **BUILT-IN LAN ADAPTER**
- **FRONT DOOR FOR EASY MAINTENANCE**
- **SSM 2.0 SOFTWARE REQUIRED**
- **IP55**
- **IDEAL FOR FUEL MANAGEMENT**

The PIUSI SELF SERVICE MC 2.0 is a non-commercial fuel diesel dispenser able to fit any fleet management requirement. It requires the SSM 2.0 software to work. Equipped with 90 l/min continuous duty pump, it is suitable for any fleet dimension.

PERFORMANCE

UP TO 90 L/MIN	AC
FLOW RATE	CONTINUOUS DUTY / POWER
± 0,5%	UP TO 1000
ACCURACY	USERS

ELECTRONIC METER INTEGRATED

SELF SERVICE MC 2.0

PACKAGING							
CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
COLUMN VERSION							
F0074302B	75	165	1478X488X400	-	1	6	4

A	A	Ad®	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

E120

Q = FLOW RATE (liter/min) vs P = TOTAL PRESSURE (bar)

TYPE OF FLUID	DIESEL
TEMPERATURE	13°C
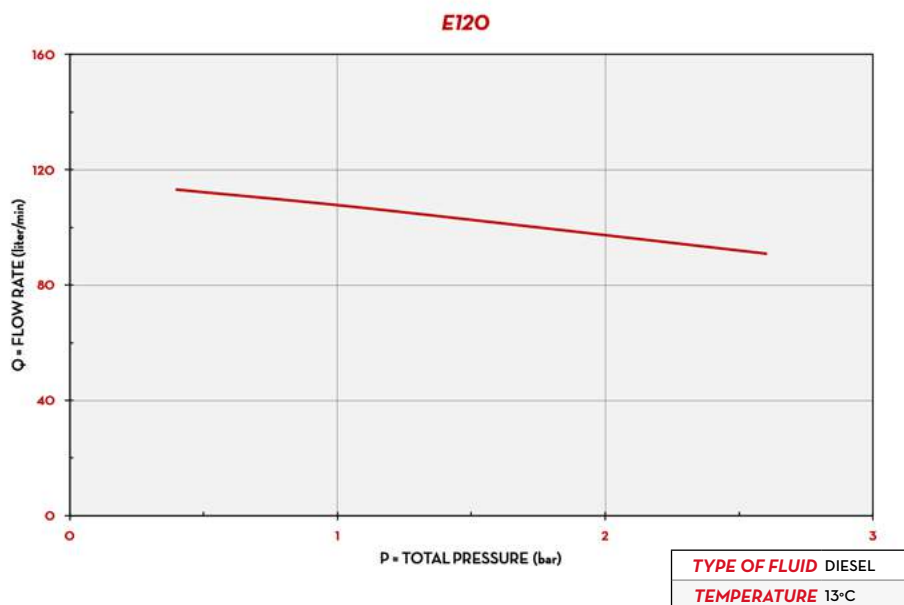
IN THE BOX

- SELF SERVICE MC 2.0 DISPENSER
- DELIVERY HOSE
- AUTOMATIC NOZZLE
- INSTRUCTION MANUAL

DETAILS

WATER CAPTOR FILTER (pag. 170)	DRIVER&VEHICLE KEY (n.i.)
SSM 2.0 SOFTWARE (pag. 28)	DATA TRANSFER SSM2.0 (pag. 30)

MATERIALS

- **PUMPS:**
  E80 / E120   PAG. 106
- **METER:**
  K600/3   PAG. 134
- **NOZZLE:**
  AUTOMATIC NOZZLE   PAG. 158
- **FILTER:**
  WATER CAPTOR   PAG. 170

DIMENSIONS

457 360
280
506
1387
280 360

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	METER	NOZZLE	FILTER		INLET	HOSE LENGTH	SELF SERVICE MANAGEMENT 2.0
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	H2O FILTER	FILTERING CAPACITY	BSP	METERS	
COLUMN VERSIONS															
F0074302B	SELF SERVICE 100 MC 2.0	D	90	24	230/50	1150	5,7	E120	K600	A120	YES	30μ	1" 1/2	4	REQUIRED

SELF SERVICE MC 2.0

SELF SERVICE FM 2.0

FEATURES

- **IDEAL FOR FUEL MANAGEMENT**
- **TANK LEVEL INDICATOR**
- **TICKET PRINTER**
- **MULTI-USER MANAGEMENT**
- **STURDY STRUCTURE**
- **EASY MAINTENANCE**
- **HIGH DISPLACEMENT VANE PUMP**
- **SSM 2.0 SOFTWARE REQUIRED**
- **IP55**

The PIUSI SELF SERVICE FM 2.0 is the top-level, all-in-one dispenser for fuel with integrated LAN connection to guarantee continuous communication between dispenser and PC, water captor filter to ensure the highest purity of fluids, OCIO 2.0 tank level indicator and an electronic panel able to manage up to 1000 users and 650 transactions. Compatible with SSM 2.0 software.

PERFORMANCE

UP TO **90 L/MIN** FLOW RATE	**AC** **CONTINUOUS DUTY** POWER
± 0,5% ACCURACY	**UP TO** **1000** USERS

INTEGRATED TICKET PRINTER

SELF SERVICE FM 2.0

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
COLUMN VERSION							
F0074301A	75	165	1478X488X400	-	1	6	4

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

E120

(Graph: Q = FLOW RATE (liter/min) vs P = TOTAL PRESSURE (bar))
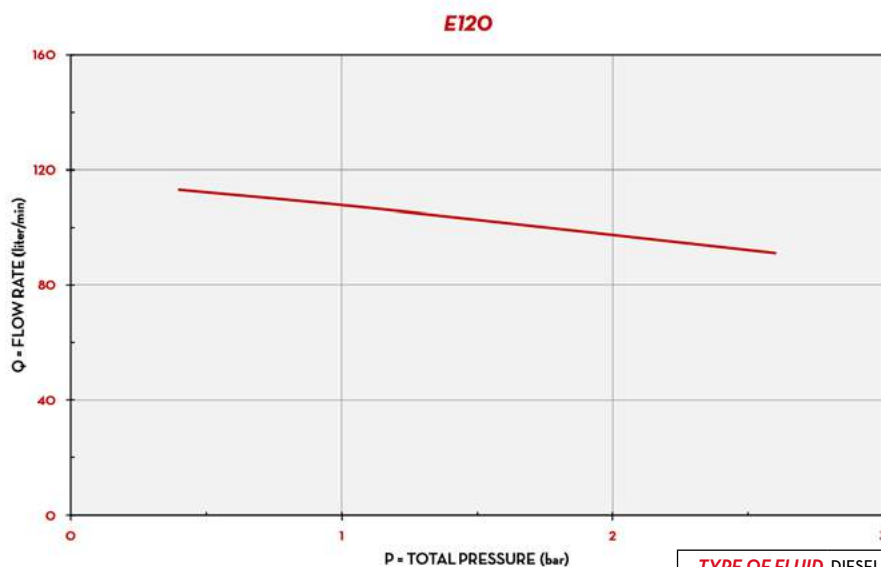
TYPE OF FLUID	DIESEL
TEMPERATURE	13°C

IN THE BOX

- SELF SERVICE FM 2.0 DISPENSER
- DELIVERY HOSE
- AUTOMATIC NOZZLE
- INSTRUCTION MANUAL

DETAILS

WATER CAPTOR FILTER (pag. 170)

DRIVER&VEHICLE KEY (n.i.)

SSM 2.0 SOFTWARE (pag. 28)

OCIO 2.0 INTEGRATED

MATERIALS

- **PUMP:**
  E120   PAG. 106
- **METER:**
  K600/3   PAG. 134
- **NOZZLE:**
  AUTOMATIC NOZZLE   PAG. 158
- **FILTER:**
  WATER CAPTOR   PAG. 170

DIMENSIONS

457   360
280
506
1387
280   360

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	METER	NOZZLE	FILTER		INLET	HOSE LENGTH	SELF SERVICE MANAGEMENT 2.0
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	H2O FILTER	FILTERING CAPACITY	BSP	METERS	
COLUMN VERSIONS															
F0074301A	SELF SERVICE 100 FM 2.0	D	90	24	230/50	1150	5,7	E120	K600	A120	YES	30µ	1" 1/2	4	REQUIRED

SELF SERVICE FM 2.0

MCBOX 2.0

FEATURES

- **FLEET MANAGEMENT**
- **SUITABLE FOR ANY PUMP**
- **PULSE METER INPUT**
- **LAN/WI-FI VERSION AVAILABLE**
- **SSM2.0 SOFTWARE REQUIRED**

The PIUSI MCBOX 2.0 is the evolution of the MCBOX system thanks to the integration with the 2.0 features: fuel consumption monitoring and report, fleet management, vehicles and users control. It is suitable to manage and control an existing pump, pulse meter and nozzle.

PERFORMANCE

UP TO **1000**	**AC** VOLTAGE
USERS / VEHICLES	POWER

MC BOX 2.0

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00597O1A	6	13,2	300X300X330	11,8X11,8X13	1
F00597O2A	6	13,2	300X300X330	11,8X11,8X13	1

CONNECTION SCHEME

EXISTING LAN NETWORK

WIFI (ON REQUEST)

MAGNETIC KEY (ON REQUEST)
User management   Vehicle management

Easy access to connection   Display cover

PUMP CONTROL   PULSE METER INPUT   TANK LEVEL INDICATOR   NOZZLE SWITCH WITH A60

IN THE BOX

- MCBOX 2.0 UNIT
- LAN or WI-FI ADAPTER
- INSTRUCTION MANUAL

DETAILS

SHUTTER   USER&VEHICLE KEY

SSM 2.0 SOFTWARE (pag. 28)   EASY ACCESS TO CONNECTION

DIMENSIONS

172 · 256 · 260 · 146
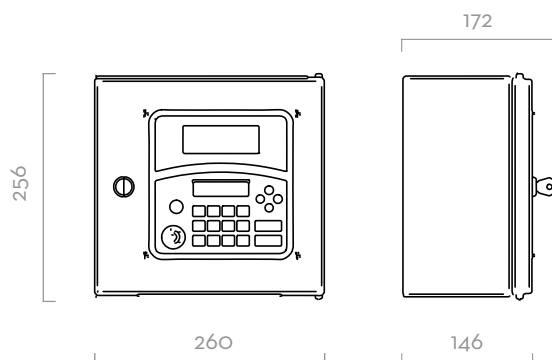
Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	CONNECTION	VOLTAGE			SSM 2.0 SOFTWARE
				AC V./HZ	POWER WATT	AMP. MAX. (load motor)	
F00597O1A	MCBOX LAN 2.0 90-240V 50/60HZ	A Ad B D F G G K O W W	LAN	12	10	50	REQUIRED
F00597O2A	MCBOX 2.0 WIFI 90-240V 50/60HZ	A Ad B D F G G K O W W	WI-FI	24	10	25	REQUIRED

MCBOX 2.0

SSM2018

FEATURES

- *USERS MANAGEMENT*
- *EASY TO INSTALL*
- *TRANSACTION REPORT*

The new SELF SERVICE MANAGEMENT 2018 interface answers once more to the needs you've always had. But better. More intuitively, definitely more attractively and more flexibly. What PIUSI offers you is the possibility of continuing to work with the SELF SERVICE MANAGEMENT 1.0 range, but giving you more potential and more efficiency. Because new doesn't mean hard to understand.

PERFORMANCE

UP TO **16**	**USB/WEB** *SOFTWARE VERSION*
DISPENSERS	INSTALLATION

SOFTWARE ACTIVATION MODE

USB HARDWARE KEY
without internet connection

WEB EDITION
internet connection required

SELFSERVICE® M A N A G E M E N T **2018**

Software for managing reports and configurating dispensing operations.

1 ADMINISTER THE SITE

2 PROCESS THE REPORTS

3 CONFIGURE SSM2018

A AIR	**A** ANTIFREEZE	**Ad** AdBlue®	**B** BIODIESEL	**D** DIESEL	**F** FOOD	**G** GASOLINE	**G** GREASE	**K** KEROSENE	**O** OIL	**W** WATER	**W** WINDSCREEN

MANAGE

Select or delete the device from your system.

The system min. requirements are:
- Monitor resolution 1280·700
- CPU: Intel® Pentium® 4 or AMD Athlon® 64 processor (2 GHz or higher)
- RAM: 2 GB
- Free space on Hard Disk: 20 GB
- Operating system: Windows VISTA SP2, Windows 7 SP1, Windows 8, Windows 8.1, Windows 10
- Database: Microsoft SQL 2012 R2 SP2 Express (included in the installation)

CHOOSE

Dates, devices, drivers you want a report on.

EXPORT

Your data in the file format you prefer.

TECHNICAL DATA

CODE	DESCRIPTION
F00773010	SELF SERVICE MANAGEMENT 2018 - USB
F00773210	SELF SERVICE MANAGEMENT 2018 - WEB

SSM2018

DATA TRANSFER SSM2018

DATA TRANSFER SSM 2018 is a set of different solutions that let to download the transactions from the dispensers to the SELF SERVICE MANAGEMENT 2018 software. The great variety of the offer is based on the technology required.

Manual download
The easiest way to download the informations is through the Manager key 2018, it is enough to touch the dispenser with the key to transfer all the transactions and download them on the software.

Local network
Use the local network Lan/Wi-Fi to download the dispenser to your pc. By choosing between the PWLAN or PW Wi-Fi it is possible to set up a connection that let you receive all the transactions in real time.

Mobile network
Thanks to the new PW MOBILE 4G 2018 is now possible to install all the dispensers everywhere in the world with just the need of a mobile network coverage, avoiding all the local network configurations. The equipment is provided with a worldwide SIM card which makes the PWMOBILE 4G 2018 ready to use.

| PW14 / RS 485 | MANAGER KEY | PW-LAN | PW-WIFI | PW-MOBILE |
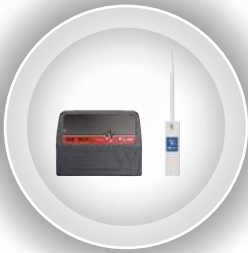
FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

INDEX

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AIR

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ANTIFREEZE

Ad
AdBlue®

B
BIODIESEL

D
DIESEL

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FOOD

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GASOLINE

'G
GREASE

K
KEROSENE

O
OIL

W
WATER

W
WINDSCREEN

PW14 / RS 485

Connection via
RS485 cable
with USB
converter.

KEY READER & MANAGER KEY

PW LAN

A device that allows
to convert the RS485 signal
to LAN, through a simple
and intuitive interface.

PW WI-FI

A device that allows
to convert the
RS485 signal to
Wi-Fi, through a
simple and intuitive
interface.

cable max 90 mt

PW MOBILE

A new communication
system that allows you
to transfer data using
mobile 4G network.

TECHNICAL DATA

CODE	DESCRIPTION
F13292000	PW 14
F1226201A	KIT KEY READER
F1249600A	MANAGER KEY (RED)
F1271005A	PW-LAN
F1271004B	PW-WIFI
F12710150	PW MOBILE 4G 2018

DATA TRANSFER SSM2018

CUBE MC

FEATURES

- MULTI-USER MANAGEMENT
- ALL-IN-ONE EQUIPMENT
- COMPACT DESIGN
- COMPATIBLE WITH SSM 2018 SOFTWARE
- SUCTION FILTER
- IP55

The PIUSI CUBE MC is the upgraded version of the world famous CUBE dispenser equipped with an electronic panel able to manage up to 120 users and 255 transactions. The sturdy structure includes a self-priming vane pump, built-in bypass, automatic nozzle, and integrated nozzle holder with start/stop pump lever.

PERFORMANCE

UP TO 70 L/MIN	AC/DC VOLTAGE
FLOW RATE	POWER

± 0,5%	UP TO 120
ACCURACY	USERS

CUBE 70 MC

CUBE 70 MC WITH PEDESTAL (OPTIONAL)

PACKAGING							
CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F0059400D	25	55	400X400X460	-	1	12	24
F0059413C	25	55	400X400X460	-	1	12	24
F0059414C	25	55	400X400X460	-	1	12	24
F0059415C	25	55	400X400X460	-	1	12	24
F0059422A	25	55	400X400X460	-	1	12	24

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

PIUSI®

INDEX

A — AIR
A — ANTIFREEZE
Ad — AdBlue®
B — BIODIESEL
D — DIESEL
F — FOOD
G — GASOLINE
G — GREASE
K — KEROSENE
O — OIL
W — WATER
W — WINDSCREEN

CHART

PANTHER PUMP

- - - PANTHER DC
—— PANTHER 72

TYPE OF FLUID	DIESEL
TEMPERATURE	22°C

DIMENSIONS

413
345
341
1368
336

500
314
281
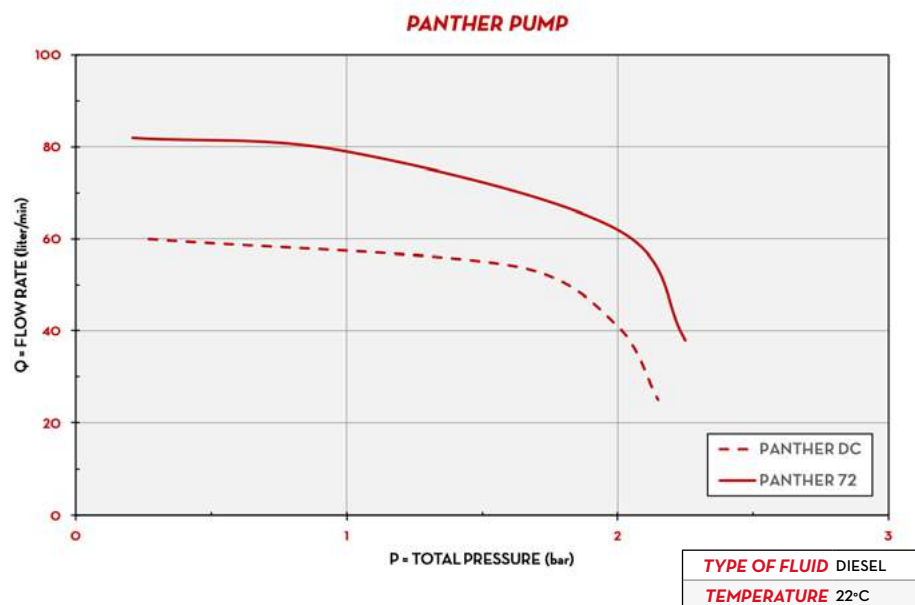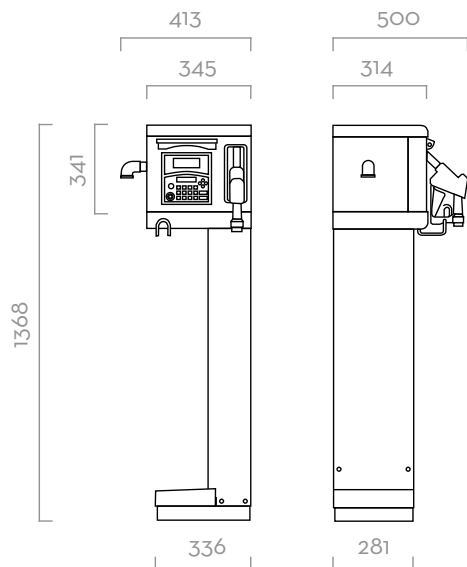
Dimensions expressed in millimeters

IN THE BOX

- CUBE MC DISPENSER
- AUTOMATIC NOZZLE
- DELIVERY HOSE
- INSTRUCTION MANUAL

DETAILS

SHUTTER

DRIVER KEY (not included)

DATA TRANSFER 2018 (pag. 44)

SSM 2018 SOFTWARE (pag. 44)

MATERIALS

- **PUMPS:**
  PANTHER AC — PAG. 102
  PANTHER DC — PAG. 114
- **METER:**
  K600/3 — PAG. 134
- **NOZZLE:**
  AUTOMATIC NOZZLE — PAG. 158

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	METER	NOZZLE	FILTER	INLET	HOSE		PC	USERS
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	H2O FILTER	BSP	LENGTH	Ø	CONNECTION	N°
F00594OOD	CUBE 70 MC	D	70	18	230/50	900	4,2	PANTH 72	K600	A60	NO	1"	4M	1"	YES	50
F0059413C	CUBE 70 MC DC 12V	D	56	15	12	300	35	PANTH DC	K600	A60	NO	1"	4M	1"	YES	50
F0059414C	CUBE 70 MC DC 24V	D	70	18	24	420	25	PANTH DC	K600	A60	NO	1"	4M	1"	YES	50
F0059415C	CUBE 70 MC 120 UT	D	70	18	230/50	550	3,3	PANTH 72	K600	A60	NO	1"	4M	1"	YES	120
F0059422A	CUBE 70 MC 12V 120 UT	D	56	15	12	300	35	PANTH DC	K600	A60	NO	1"	4M	1"	YES	120

UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY

CUBE MC

SELF SERVICE MC

FEATURES

- *MULTI-USER MANAGEMENT*
- *WATER CAPTOR FILTER*
- *ALL-IN-ONE EQUIPMENT*
- *COMPACT DESIGN*
- *COMPATIBLE WITH SSM 2018 SOFTWARE*
- *IP55*

The PIUSI SELF SERVICE MC is a complete device suitable to fit all diesel dispensing needs. With its sturdy structure, this dispenser is equipped with a high capacity vane pump, built-in bypass, automatic nozzle, water captor filter and electronic panel able to manage up to 80 users and 255 transactions.

PERFORMANCE

UP TO 90 L/MIN	AC CONTINUOUS DUTY
FLOW RATE	POWER
± 0,5%	UP TO 80
ACCURACY	USERS

ELECTRONIC METER INTEGRATED

SELF SERVICE MC

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
COLUMN VERSION							
F0073801D	67	148	1478X488X400	-	1	6	4
F0074101D	75	165	1478X488X400	-	1	6	4
F0073806A	75	148	1478X488X400	-	1	6	4
TANK VERSION							
F0073880D	57	126	1080X488X400	-	1	6	4
F0074180D	65	143	1080X488X400	-	1	6	4

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

PIUSI®

INDEX

A — AIR   A — ANTIFREEZE   Ad® — AdBlue®   B — BIODIESEL   D — DIESEL   F — FOOD   G — GASOLINE   G — GREASE   K — KEROSENE   O — OIL   W — WATER   W — WINDSCREEN

CHART

E120 / PANTHER 72

TYPE OF FLUID DIESEL
TEMPERATURE 20°C

DIMENSIONS

457 · 360 · 280 · 506 · 1387 · 280 · 360

457 · 360 · 280 · 506 · 990 · 280 · 360

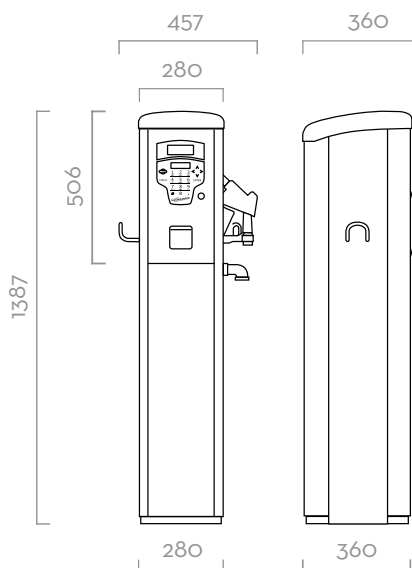*Dimensions expressed in millimeters*
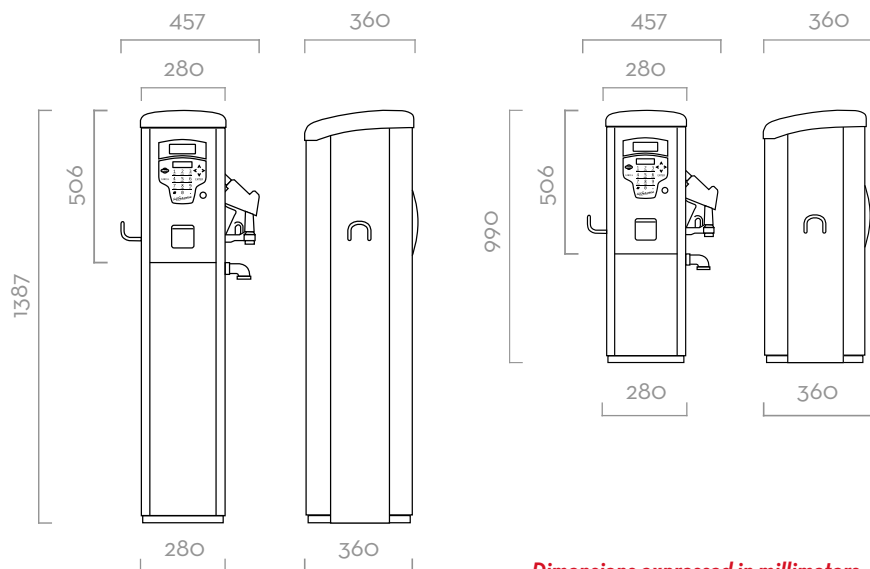
IN THE BOX

- SELF SERVICE MC DISPENSER
- DELIVERY HOSE
- AUTOMATIC NOZZLE
- INSTRUCTION MANUAL

DETAILS

TANK VERSION AVAIVLABLE

WATER CAPTOR FILTER (pag. 170)

DRIVER KEY (not included)

SSM 2018 SOFTWARE (pag. 42)

MATERIALS

- **PUMPS:**
  PANTHER 72 / E120 · · · · PAG. 102/106
- **METER:**
  K600/3 · · · · PAG. 134
- **NOZZLE:**
  AUTOMATIC NOZZLE · · · · PAG. 158
- **FILTER:**
  WATER CAPTOR · · · · PAG. 170

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	METER	NOZZLE	FILTER		INLET	HOSE LENGTH	PC
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	H2O FILTER	FILTERING CAPACITY	BSP	METERS	CONNECTION
COLUMN VERSIONS															
F0073801D	SELF SERVICE 70 MC F	D	70	18	230/50	900	4,2	PANTH 72	K600	A80	YES	30µ	1" 1/2	4	YES
F0074101D	SELF SERVICE 100 MC F	D	90	24	230/50	1150	5,7	E 120	K600	A120	YES	30µ	1" 1/2	4	YES
F0073806A	SELF SERVICE 70 MC F PRINTER	D	70	18	230/50	900	4,2	PANTH 72	K600	A80	YES	30µ	1" 1/2	4	YES
TANK VERSIONS															
F0073880D	SELF SERVICE 70 MC TANK	D	70	18	230/50	900	3,3	PANTH 72	K600	A80	NO	-	1" 1/2	4	YES
F0074180D	SELF SERVICE 100 MC TANK	D	90	24	230/50	1150	5,7	E 120	K600	A120	NO	-	1" 1/2	4	YES

WITH 7M HOSE. UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY

SELF SERVICE MC

SELF SERVICE FM

FEATURES

- **TICKET PRINTER**
- **MULTI-USER MANAGEMENT**
- **WATER CAPTOR FILTER**
- **TANK LEVEL INDICATOR**
- **STURDY STRUCTURE**
- **COMPATIBLE WITH SSM 2018 SOFTWARE**
- **IP55**

The PIUSI SELF SERVICE FM is a dispenser for diesel with integrated OCIO tank level indicator. It is equipped with a high-capacity vane pump, built-in bypass, automatic nozzle, water captor filter and electronic panel able to manage up to 120 users and 255 transactions. It is compatible with SSM2018 software.

PERFORMANCE

UP TO **90 L/MIN**	**AC** CONTINUOUS DUTY
FLOW RATE	POWER
± 0,5%	UP TO **120**
ACCURACY	USERS

INTEGRATED TICKET PRINTER

SELF SERVICE FM

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F00739OOC	67	148	1478X488X400	-	1	6	4
F00742OOC	75	165	1478X488X400	-	1	6	4
F00739BOC	57	126	1080X488X400	-	1	6	4
F00742BOC	65	143	1080X488X400	-	1	6	4

FILTRATION	TANK MONITORING	HOSE REEL	ACCESSORIES	MERCHANDISE

INDEX

A	A	Ad®	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

E120 / PANTHER 72

Q = FLOW RATE (liter/min) vs P = TOTAL PRESSURE (bar)

- - - E120
——— PANTHER 72

TYPE OF FLUID DIESEL
TEMPERATURE 20°C
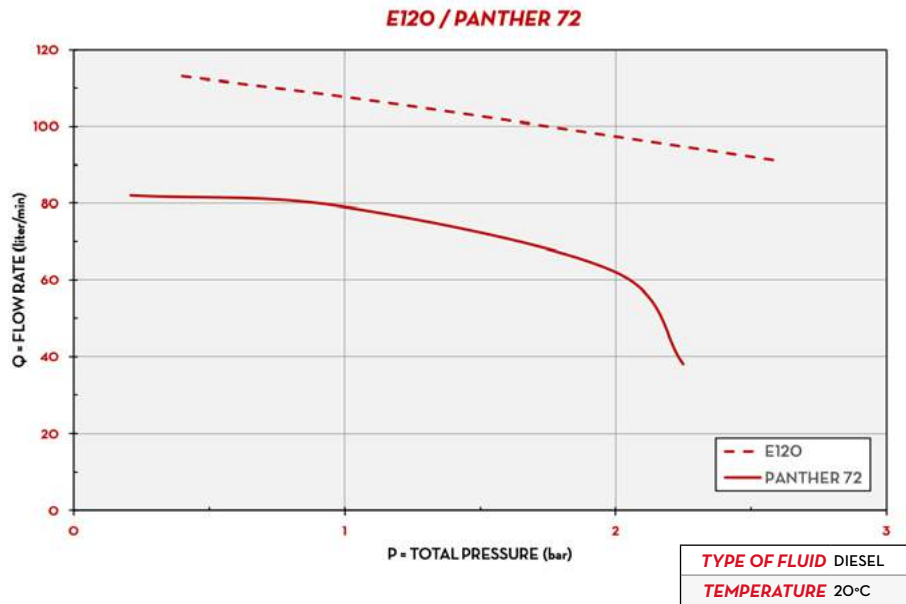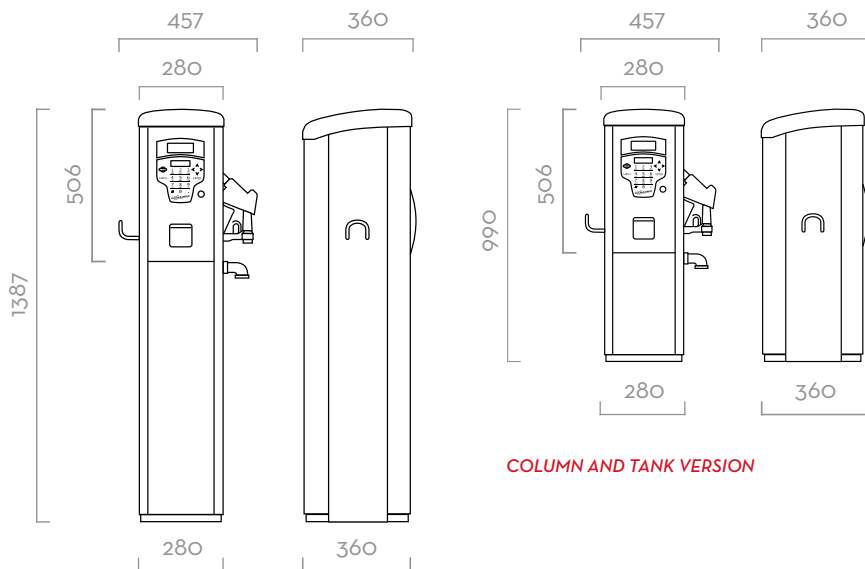
IN THE BOX

- SELF SERVICE FM DISPENSER
- DELIVERY HOSE
- AUTOMATIC NOZZLE
- INSTRUCTION MANUAL

DETAILS

TANK VERSION AVAILABLE

WATER CAPTOR FILTER (pag. 170)

OCIO INTEGRATED

SSM 2018 SOFTWARE (pag. 42)

DIMENSIONS

COLUMN AND TANK VERSION

Dimensions expressed in millimeters

MATERIALS

- **PUMPS:**
  E80 / E120   PAG. 106
- **METER:**
  K600/3   PAG. 134
- **NOZZLE:**
  AUTOMATIC NOZZLE   PAG. 158
- **FILTER:**
  WATER CAPTOR   PAG. 170

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	METER	NOZZLE	FILTER		INLET	HOSE LENGTH	PC
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	H2O FILTER	FILTERING CAPACITY	BSP	METERS	CONNECTION
F0073900C	SELF SERVICE 70 FM	D	70	18	230/50	550	3,3	PANTH 72	K600	A80	YES	30μ	1" 1/2	4	YES
F0074200C	SELF SERVICE 100 FM	D	90	24	230/50	1150	5,7	E 120	K600	A120	YES	30μ	1" 1/2	4	YES
F0073980C	SELF SERVICE 70 FM TANK	D	70	18	230/50	550	3,3	PANTH 72	K600	A80	NO	-	1" 1/2	4	YES
F0074280C	SELF SERVICE 100 FM TANK	D	90	24	230/50	1150	5,7	E 120	K600	A120	NO	-	1" 1/2	4	YES

UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY

SELF SERVICE FM

MCBOX

FEATURES

- **ACCESS CONTROL**
- **SUITABLE FOR ANY PUMP**
- **PULSE METER INPUT**
- **EASY TO INSTALL**
- **MULTI USERS**
- **COMPATIBLE WITH SSM2018 SOFTWARE**

The PIUSI MCBOX is a practical electronic multi-user control panel that allows to manage and control an existing pump, pulse meter and nozzle. Integrated with the SELF SERVICE MANAGEMENT 2018, it grants the possibility to download all the transactions.

PERFORMANCE

120	AC/DC
USERS	**VOLTAGE** / POWER

255
TRANSACTION MEMORY

MCBOX

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F1398000C	5	11	300X300X180	11,8X11,8X7	1
F1398005B	5	11	300X300X180	11,8X11,8X7	1
F1398001B	6	13	300X300X180	11,8X11,8X7	1
F1398002B	6	13	300X300X180	11,8X11,8X7	1

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CONNECTION SCHEME

PUMP CONTROL   PULSE METER INPUT   TANK LEVEL INDICATOR   NOZZLE SWITCH WITH A60

IN THE BOX

- MCBOX UNIT
- INSTRUCTION MANUAL

DETAILS

SHUTTER

SELFSERVICE® MANAGEMENT 2018

SSM 2018 SOFTWARE (pag. 42)

EASY ACCESS TO CONNECTION

DIMENSIONS

172

256

260   146
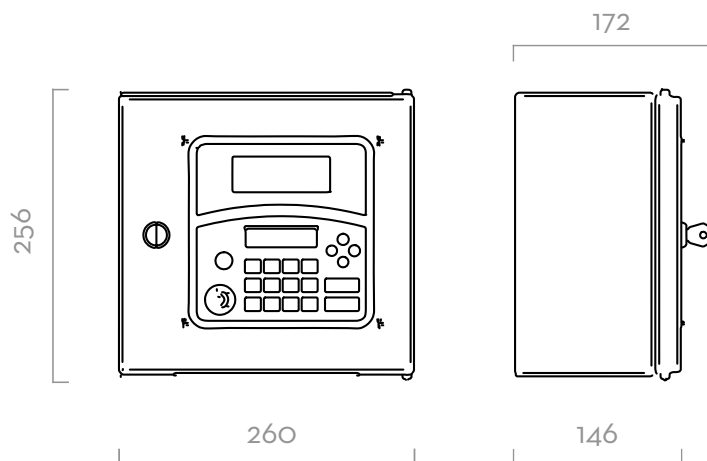
Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	USERS	VOLTAGE			SSM 2018 SOFTWARE
				AC V./HZ	POWER WATT	AMP. MAX. (load motor)	
F1398000C	MCBOX_230V50/60HZ_80U_IBP	A Ad B D F G G K O W W	80	230/50	35	6,5	OPTIONAL
F1398005B	MCBOX_230V50/60HZ_120U_IBP	A Ad B D F G G K O W W	120	230/50	35	6,5	OPTIONAL
F1398001B	MCBOX_12V_120U_IBP	A Ad B D F G G K O W W	120	12	10	50	OPTIONAL
F1398002B	MCBOX_24V_120U_IBP	A Ad B D F G G K O W W	120	24	10	25	OPTIONAL

MCBOX

ACCESSORIES

B.SMART

CUBE B.SMART	CODE	DESCRIPTION
	F00770D00	DRIVER ACCESS (X05)
	F00770D10	DRIVER ACCESS (X15)
	F00770D20	DRIVER ACCESS (X50)
	F1590400A	USER KEY (YELLOW KEY: 10PCS)
	F1270800C	PEDESTAL
	F1273700A	KIT WALL SUPPORT

F1590400A   F1270800C   F1273700A

SELF SERVICE B.SMART	CODE	DESCRIPTION
	F00770D00	DRIVER ACCESS (X05)
	F00770D10	DRIVER ACCESS (X15)
	F00770D20	DRIVER ACCESS (X50)
	F1590400A	USER KEY (YELLOW KEY: 10PCS)

F1590400A

MCBOX B.SMART	CODE	DESCRIPTION
	F00770D00	DRIVER ACCESS (X05)
	F00770D10	DRIVER ACCESS (X15)
	F00770D20	DRIVER ACCESS (X50)
	F1590400A	USER KEY (YELLOW KEY: 10PCS)
	F1270800C	PEDESTAL
	F1273700A	KIT WALL SUPPORT
	F17121000	LEVEL PROBE FOR ACCESS 85

F1590400A   F1270800C   F1273700A

SSM2.0

CUBE MC 2.0	CODE	DESCRIPTION
	F0893000A	KIT QUICK COUPLING 2IN X 1IN
	F1270800C	KIT PEDESTAL CUBE BLACK
	F1273700A	WALL KIT CUBE
	F1273800A	KIT PADLOCK CUBE MC
	F1590400A	KIT DRIVER KEY YELLOW (10PCS)
	F17163000	2" BSP DRUM CONNECTOR WITH VALVE
	F17299000	KIT VEHICLE KEY BLUE (10PCS)

F1270800C   F1273700A   R0893000O   F17163000

F1590400A   F17299000

SELF SERVICE MC 2.0	CODE	DESCRIPTION
	F1590400A	KIT DRIVER KEY YELLOW (10PCS)
	F17299000	KIT VEHICLE KEY BLUE (10PCS)

F1590400A   F17299000

SELF SERVICE FM 2.0	CODE	DESCRIPTION
	F1590400A	KIT DRIVER KEY YELLOW (10PCS)
	F17299000	KIT VEHICLE KEY BLUE (10PCS)

F1590400A   F17299000

SSM2.0

MCBOX 2.0	CODE	DESCRIPTION
	F1270800C	KIT PEDESTAL CUBE BLACK
	F1590400A	KIT DRIVER KEY YELLOW (10PCS)
	F17299000	KIT VEHICLE KEY BLUE (10PCS)
	F17121000	LEVEL PROBE FOR ACCESS 85

F1270800C **F17121000** **F1590400A** **F17299000**

SSM2018

CUBE MC	CODE	DESCRIPTION
	F0893000A	KIT QUICK COUPLING 2IN X 1IN
	F124960OA	MANAGER KEY 2018
	F1270800C	KIT PEDESTAL CUBE BLACK
	F1273700A	WALL KIT CUBE
	F1273800A	KIT PADLOCK CUBE MC
	F1590400A	KIT DRIVER KEY YELLOW (10PCS)
	F17163000	2" BSP DRUM CONNECTOR WITH VALVE

F1270800C **F1273700A** **R08930000** **F17163000**

F1590400A **F1249600A**

SELF SERVICE MC	CODE	DESCRIPTION
	F1249600A	MANAGER KEY 2018
	F1590400A	KIT DRIVER KEY YELLOW (10PCS)

F1590400A **F1249600A** **F00773010 F00773210**

SELF SERVICE FM	CODE	DESCRIPTION
	F1249600A	MANAGER KEY 2018
	F1590400A	KIT DRIVER KEY YELLOW (10PCS)

F1590400A **F1249600A** **F00773010 F00773210**

MCBOX	CODE	DESCRIPTION
	F1249600A	MANAGER KEY 2018
	F1270800C	KIT PEDESTAL CUBE BLACK
	F1590400A	KIT DRIVER KEY YELLOW (10PCS)
	F162390OB	NOZZLE HOLDER SS+CABLED SWITCH FM/MC
	F17121000	LEVEL PROBE FOR ACCESS 85

F1270800C **F1590400A** **R162390OA** **F1249600A**

F17121000

DISPENSERS

CUBE

FEATURES

- **STURDY STRUCTURE**
- **MECHANICAL METER**
- **INDUCTION THERMAL-PROTECT- ED MOTOR**
- **OVERLOAD PROTECTION**
- **BUILT-IN MESH FILTER**
- **IP 55**

The PIUSI CUBE is a range of mechanical fuel transfer dispenser for non-commercial use, composed of a self-priming vane pump fitted with integrated bypass valve, automatic nozzle with swivel connection and integrated nozzle holder with start/stop pump lever. Its versatility allows different applications: on walls, on tanks, on cisterns, on drums or stand-alone (with the optional pedestal).

PERFORMANCE

UP TO **90 L/MIN**	**AC/DC** *VOLTAGE*
FLOW RATE	POWER

±1%
ACCURACY

CUBE 56 WITH FILTER

CUBE 56 WITH PEDESTAL (OPTIONAL)

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F00575400	22	46	400X400X460	-	1	12	24
00057516A	21	46	400X400X460	-	1	12	24
000575O0C	21	46	400X400X460	-	1	12	24
F005760OC	21	46	400X400X460	-	1	12	24
F005770OC	21	46	400X400X460	-	1	12	24
F00591200	22	48	400X400X460	-	1	12	24
F0059100A	21	46	400X400X460	-	1	12	24
F005911lA	21	46	400X400X460	-	1	12	24
F00592000	22	46	400X400X460	-	1	12	24

CHART

PANTHER PUMP

- - - PANTHER DC
——— PANTHER 72

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | +20 / -6°C |
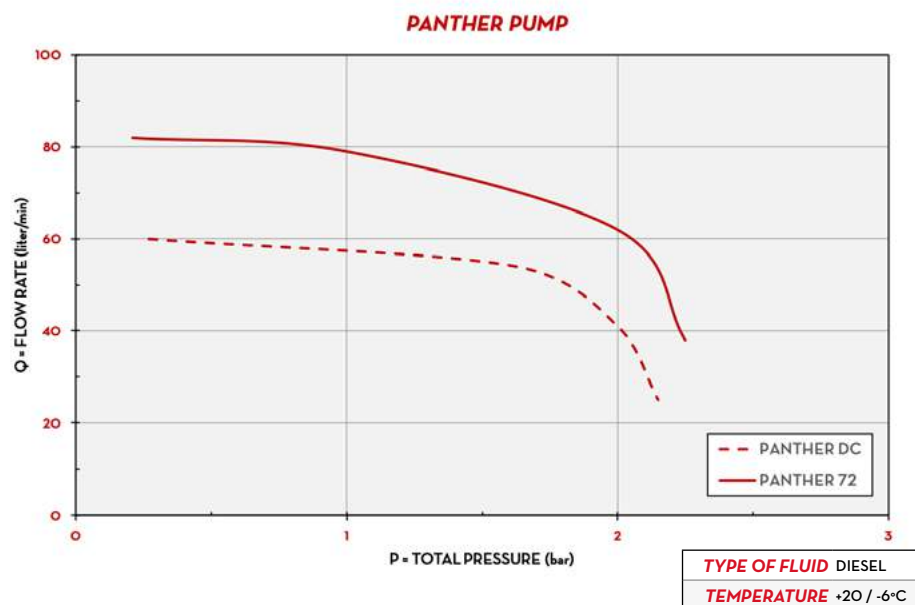
IN THE BOX

- CUBE DISPENSER
- AUTOMATIC NOZZLE
- DELIVERY HOSE
- INSTRUCTION MANUAL

DETAILS

| NUTATING DISK METER | K33/K44 (pag. 146) |

DIMENSIONS
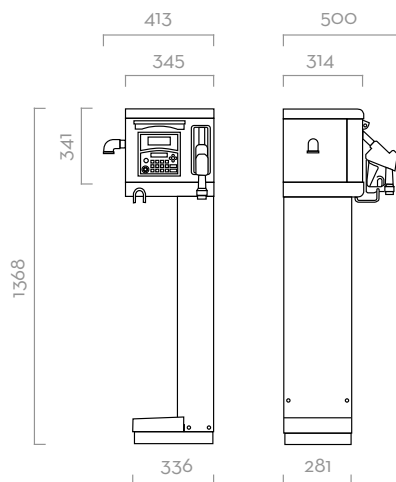
Dimensions expressed in millimeters

COMPONENTS

- **PUMPS:**
  PANTHER AC   PAG. 102
  PANTHER DC   PAG. 114
- **METER:**
  K33 / K44   PAG. 146
- **NOZZLE:**
  AUTOMATIC NOZZLE   PAG. 158

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	METER	NOZZLE	FILTER		INLET	HOSE	
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	H2O FILTER	FILTERING CAPACITY	BSP	LENGTH	Ø
F00575400	CUBE 56/33 + FILTER	D	56	15	230/50	350	3	PANTH 56	K33	A60	YES	30 μ	1"	6M	3/4"
00057516A	CUBE 56/44 PULSER	D	56	15	230/50	350	3	PANTH 56	K44	A60	NO	-	1"	4M	3/4"
00057500C	CUBE 56/33	D	56	15	230/50	350	3	PANTH 56	K33	A60	NO	-	1"	4M	3/4"
F00576OOC	CUBE 56 DC 12V	D	56	15	12	300	35	PANTH DC	K33	A60	NO	-	1"	4M	1"
F00577OOC	CUBE 70 DC 24V	D	70	18	24	420	25	PANTH DC	K33	A60	NO	-	1"	4M	3/4"
F00591200	CUBE 70/33 + FILTER	D	70	18	230/50	500	4,2	PANTH 72	K33	A60	YES	30 μ	1"	6M	1"
F00591OOA	CUBE 70/33	D	70	18	230/50	500	4,2	PANTH 72	K33	A60	NO	-	1"	4M	1"
F00591111A	CUBE 70/44 PULSER	D	70	18	230/50	500	4,2	PANTH 72	K44	A60	NO	-	1"	4M	1"
F00592000	CUBE 90/44	D	90	23,8	230/50	700	4,9	PANTH 90	K44	A120	NO	-	1"	4M	1"

UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 50/60 HZ FREQUENCY

CUBE

SELF SERVICE K44

FEATURES

- **ALL-IN-ONE EQUIPMENT**
- **WATER CAPTOR FILTER**
- **COMPACT DESIGN**
- **IP55**

The PIUSI SELF SERVICE K44 is a fuel dispenser unit equipped with a high capacity vane pump, built-in bypass valve and mechanical K44 meter. Particularly suitable for all the needs of high-flow rate diesel dispensing, it guarantees that the dispensed product is free of water and impurities thanks to the integra-ted filter (column version). Available both as column or tank version, it features a front door for easy maintenance.

PERFORMANCE

UP TO **90 L/MIN**	**AC** CONTINUOUS DUTY
FLOW RATE	POWER

±1%
ACCURACY

MECHANICAL METER INTEGRATED

SELF SERVICE K44

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
COLUMN VERSIONS							
F00737O1B	67	148	1478X488X400	-	1	6	4
F0074001B	75	165	1478X488X400	-	1	6	4
F0074002A	75	165	1478X488X400	-	1	6	4
TANK VERSIONS							
F00737B0B	57	126	1080X488X400	-	1	6	4
F00740B0B	65	143	1080X488X400	-	1	6	4
F00737B2B	57	126	1080X488X400	-	1	6	4

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

INDEX

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

PANTHER 72 / E120

TYPE OF FLUID	DIESEL
TEMPERATURE	20/23 °C
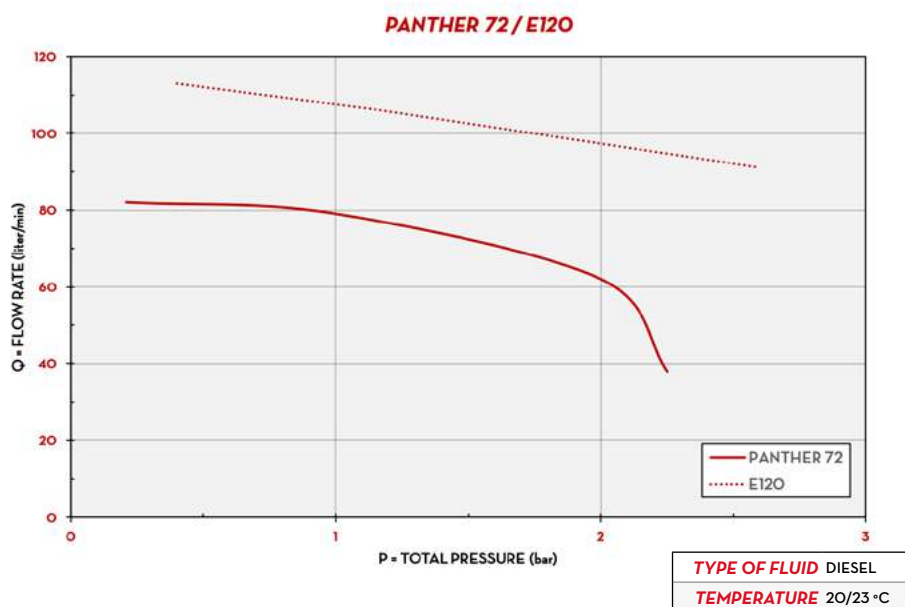
IN THE BOX

- SELF SERVICE K44 DISPENSER
- DELIVERY HOSE
- AUTOMATIC NOZZLE
- INSTRUCTION MANUAL

DETAILS

K44 (pag. 146)

INTEGRATED FILTER (pag.170)
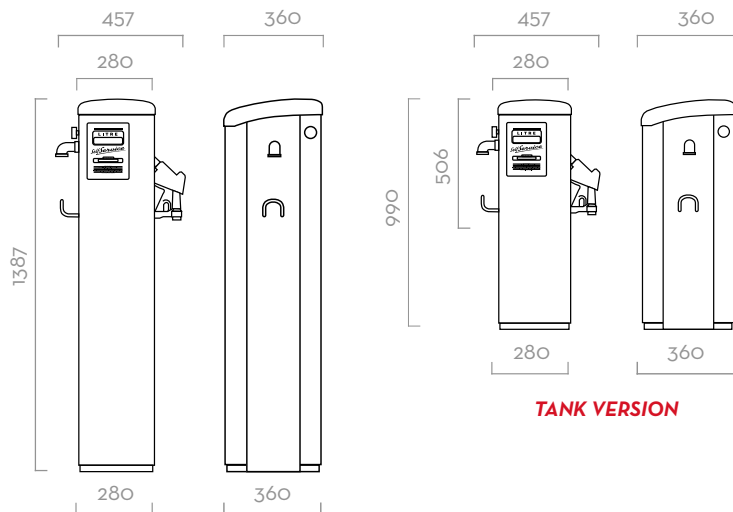
DIMENSIONS

COLUMN VERSION   **TANK VERSION**   Dimensions expressed in millimeters

COMPONENTS

- **PUMPS:**
  PANTHER AC / E120   PAG. 102/106
- **METERS**
  K44   PAG. 146
- **NOZZLE:**
  AUTOMATIC NOZZLE   PAG. 158
- **FILTER:**
  WATER CAPTOR   PAG. 170

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	METER	NOZZLE	FILTER		INLET	HOSE LENGTH	PC
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	H2O FILTER	FILTERING CAPACITY	BSP	METERS	CON-NECTION
COLUMN VERSIONS															
F0073701B	SELF SERVICE 70 K44	D	70	18	230/50	550	3,3	PANTH 72	K44	A80	YES	30µ	1" 1/2	4	NO
F0074001B	SELF SERVICE 100 K44	D	90	24	230/50	1150	5,7	E 120	K44	A120	YES	30µ	1" 1/2	4	NO
F0074002A	SELF SERVICE 100 K44 PULSER	D	90	24	230/50	1150	5,7	E 120	K44 P	A120	YES	30µ	1" 1/2	4	NO
TANK VERSIONS															
F00737B0B	SELF SERVICE 70 K44 TANK	D	70	18	230/50	550	3,3	PANTH 72	K44	A80	NO	-	1" 1/2	4	NO
F00740B0B	SELF SERVICE 100 K44 TANK	D	90	24	230/50	1150	5,7	E 120	K44	A120	NO	-	1" 1/2	4	NO
F00737B2B	SELF SERVICE 70 K44 TANK PULSER	D	70	18	230/50	550	3,3	PANTH 72	K44 P	A80	NO	-	1" 1/2	4	NO

UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY

SELF SERVICE K44

MECHANICAL DISPENSER

CUBE	CODE	DESCRIPTION
	F0893000A	KIT QUICK COUPLING 2IN X 1IN
	F1270800C	KIT PEDESTAL CUBE BLACK
	F1273700A	WALL KIT CUBE
	F1273800A	KIT PADLOCK CUBE MC
	F17163000	2" BSP DRUM CONNECTOR WITH VALVE

F1270800C   F1273700A   R0893000O   R12738000

F17163000

KITS

EX50 DRUM

FEATURES

- **STURDY STRUCTURE**
- **FLANGED COMPONENTS**
- **ANTI-NOISE FILTER**
- **THERMAL PROTECTION**
- **BUILT-IN BYPASS VALVE**
- **SUCTION PIPE WITH INTEGRATED FILTER**
- **UL LISTED VERSION AVAILABLE**

The PIUSI EX50 DRUM is a complete pump transfer kit expressly engineered for ATEX/IECEx areas. This system is composed of a high-efficiency pump, manual or automatic nozzle and a telescopic suction hose. Thanks to the flanged components, this transfer set allows users to replace any component without using sealants thus creating maximum versatility and adaptability to any kind of condition. K33 mechanical meter available on request.

Atex

II 2 G

On request
CLASSIFIED c(UL)us

PERFORMANCE

UP TO	
50 L/MIN	**1100 MM**
FLOW RATE	SUCTION PIPE
±1%	**200ß/30µ**
ACCURACY	FILTERING CAPACITY

PIUSI EX50 DRUM WITH METER AND FILTER

EX50 DRUM WITH AUTOMATIC NOZZLE

EX50 DRUM WITH AUTOMATIC NOZZLE

OUR PUMPS COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEx

II	2	G	Ex	d	IIA	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
WITHOUT METER					
F00372000	10	22	600X400X290	23,6X13,7X11,4	1
F00372010	10	22	600X400X290	23,6X13,7X11,4	1
F00372020	7,9	17,4	345X175X225	-	1
F00372030	10	22	600X400X290	23,6X13,7X11,4	1
F00372040	10	22	600X400X290	23,6X13,7X11,4	1
F0037400A	10	22	600X400X290	23,6X13,7X11,4	1
F0037401A	10	22	600X400X290	23,6X13,7X11,4	1
F0037402A	7,9	17,4	345X175X225	-	1
WITH METER					
F0037500A	12	22	600X400X290	23,6X13,7X11,4	1
F0037501A	12	22	600X400X290	23,6X13,7X11,4	1
F0037502A	12	22	600X400X290	23,6X13,7X11,4	1
F0037503A	12	22	600X400X290	23,6X13,7X11,4	1
F0037600B	12	22	600X400X290	23,6X13,7X11,4	1
F0037601B	12	22	600X400X290	23,6X13,7X11,4	1

CHART

EX50 DRUM
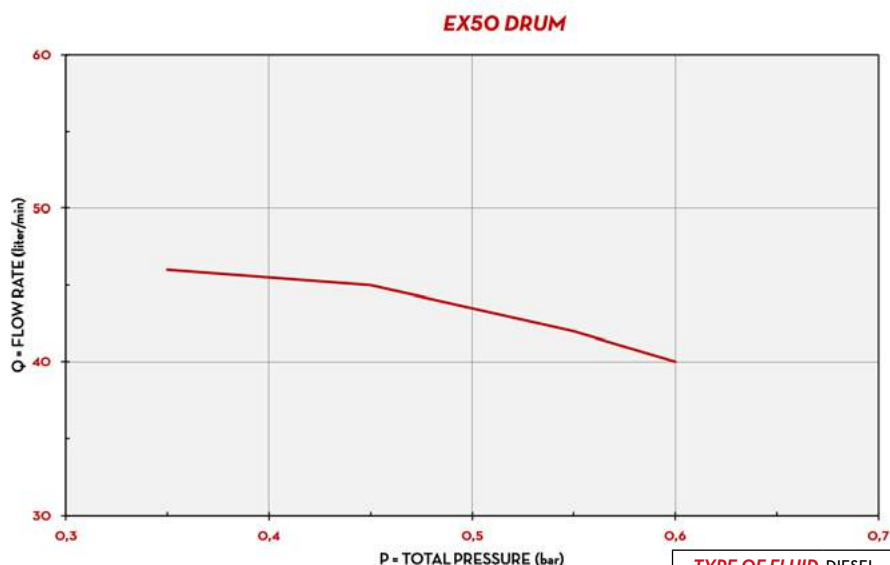
TYPE OF FLUID	DIESEL
TEMPERATURE	20/23°C

DIMENSIONS

244   206

345
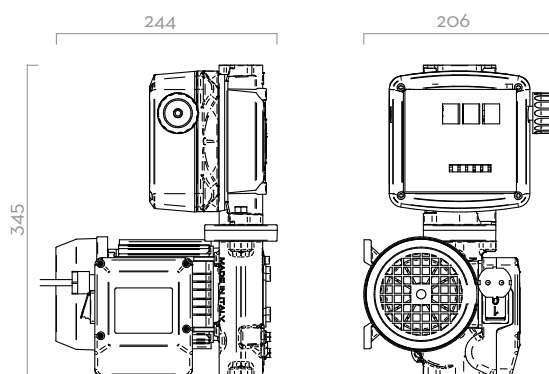
Dimensions expressed in millimeters

IN THE BOX

- EX50 PUMP
- TELESCOPIC SUCTION PIPE
- DELIVERY HOSE
- WATER CAPTOR FILTER
- A60 ATEX NOZZLE
- 2" CONNECTOR
- K33 ATEX METER (ON SELECTED VERSION)
- INSTRUCTION MANUAL

DETAILS

2" CONNECTOR   INTEGRATED FILTER

BENDING PROTECTION

COMPONENTS

- PUMP:
  EX50   PAG. 94
- METER:
  K33 ATEX   PAG. 128
- NOZZLE:
  A60 ATEX   PAG. 156
  SELF3000   PAG. 162
- FILTER:
  WATER CAPTOR   PAG. 170

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			METER	NOZZLE	FILTER	INLET	HOSE	
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE		BSP	LENGTH MM	Ø BSP
WITHOUT METER													
F00372000	DRUM EX50 12V DC ATEX + MAN. NOZZLE	D G K	50	13	12	250	21	-	SELF3000	YES	1"	4	3/4"
F00372010	DRUM EX50 12V DC ATEX + AUT. NOZZLE	D G K	50	13	12	250	21	-	A60	YES	1"	4	3/4"
F00372020	KIT DRUM EX50 12V DC ATEX	D G K	50	13	12	250	21	-	NO	NO	1"	-	-
F00372030	DRUM EX50 12V DC ATEX + MAN. NOZZLE + CABLE	D G K	50	13	12	250	21	-	SELF3000	YES	1"	4	3/4"
F00372040	DRUM EX50 12V DC ATEX + AUT. NOZZLE + CABLE	D G K	50	13	12	250	21	-	A60	YES	1"	4	3/4"
F0037400A	DRUM EX50 230V ATEX + MAN. NOZZLE	D G K	50	13	230/50-60	250	1	-	SELF3000	YES	1"	4	3/4"
F0037401A	DRUM EX50 230V ATEX + AUT. NOZZLE	D G K	50	13	230/50-60	250	1	-	A60	YES	1"	4	3/4"
F0037402A	KIT DRUM EX50 230V ATEX	D G K	50	13	230/50-60	250	1	-	NO	NO	1"	-	-
WITH METER													
F0037500A	DRUM EX50 12V DC K33 ATEX + MAN. NOZZLE	D G K	50	13	12	250	21	K33	SELF3000	YES	1"	4	3/4"
F0037501A	DRUM EX50 12V DC K33 ATEX + AUT. NOZZLE	D G K	50	13	12	250	21	K33	A60	YES	1"	4	3/4"
F0037502A	DRUM EX50 12V DC K33 ATEX + MAN. NOZZLE + CABLE	D G K	50	13	12	250	21	K33	SELF3000	YES	1"	4	3/4"
F0037503A	DRUM EX50 12V DC K33 ATEX + AUT. NOZZLE + CABLE	D G K	50	13	12	250	21	K33	A60	YES	1"	4	3/4"
F0037600B	DRUM EX50 230V K33 ATEX + MAN. NOZZLE	D G K	50	13	230/50-60	250	1	K33	SELF3000	YES	1"	4	3/4"
F0037601B	DRUM EX50 230V K33 ATEX + AUT. NOZZLE	D G K	50	13	230/50-60	250	1	K33	A60	YES	1"	4	3/4"

( ) UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY. COMPATIBLE FLUIDS: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 15%, AVGAS 100/100LL (ONLY PUMP&METER), JET A/A1 (ONLY PUMP&METER), ASPEN 2/4

EX50 DRUM

EX100 DRUM

FEATURES

- **CONTINUOUS DUTY**
- **THERMAL PROTECTION**
- **SUCTION UNIT WITH INTEGRATED FILTER**
- **BUILT-IN BYPASS VALVE**
- **UL VERSION AVAILABLE**

PIUSI EX100 DRUM is the new transfer kit for flammable fluids that is characterized by a high flow rate and works with a continuous duty cycle. Simple to use, compact, versatile, it adapts to any working conditions: you can use it wherever you need it most. The PIUSI EX100 DRUM is ATEX certified and complies with the directives on the use of materials in potentially explosive atmospheres.

Atex
Ⓔx
II 2 G

On request
CLASSIFIED
c (UL) us

IEC

Ex

PERFORMANCE

UP TO	
100 L/MIN	**AC**
	VOLTAGE
FLOW RATE	POWER

EX100 DRUM /A140/K150/5MT

EX100 DRUM /A140/ 5MT

OUR PUMPS COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEx

II	2	G	Ex	d	IIA	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00391010	25	55	240X400X350	10X16X15	1
F00391020	25	55	240X400X350	10X16X15	1
F00391300	30	66	400X600X430	16X24X17	1
F00391320	30	66	400X600X430	16X24X17	1
F00391340	30	66	400X600X430	16X24X17	1
F00391310	32	70	400X600X430	16X24X17	1
F00391330	32	70	400X600X430	16X24X17	1
F00391350	32	70	400X600X430	16X24X17	1

FILTRATION TANK MONITORING HOSE REEL ACCESSORIES MERCHANDISE

INDEX

A	A	Ad®	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

EX100 DRUM

TYPE OF FLUID GASOLINE
TEMPERATURE 20°C

IN THE BOX

- EX100 PUMP
- NOZZLE HOLDER
- 2" TANK CONNECTOR
- 90° FLANGED ELBOW
- K150 ATEX METER (ON SELECTED VERSION)
- A140 ATEX AUTOMATIC NOZZLE (ON SELECTED VERSION)
- DELIVERY HOSE (ON SELECTED VERSION)
- INSTRUCTION MANUAL

DETAILS

MESH STRAINER

2" TANK CONNECTOR

90° FLANGED ELBOW

BENDING PROTECTION

COMPONENTS

- PUMP:
  EX100   PAG. 96
- METER:
  K150 ATEX   PAG. 130
- NOZZLE:
  A140 ATEX   PAG. 156
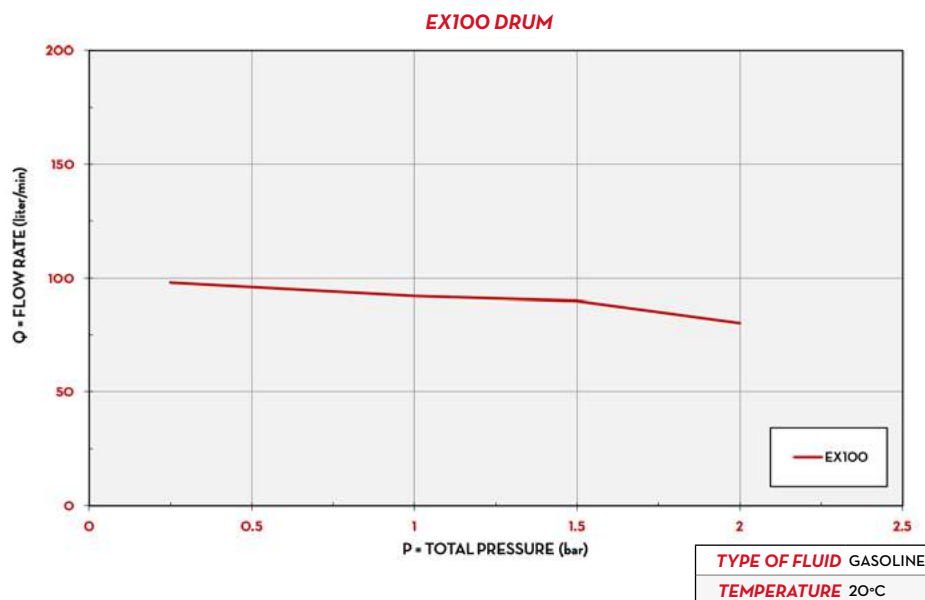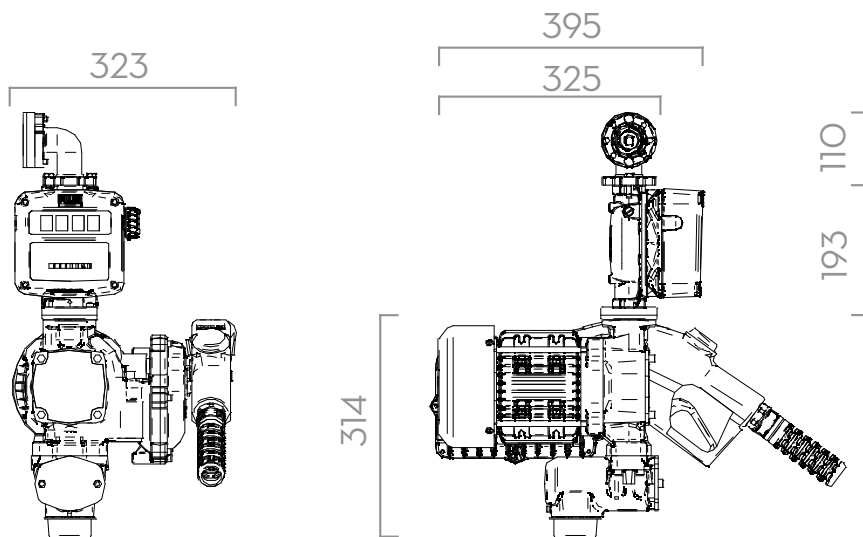
DIMENSIONS

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			DUTY CICLE	INLET	OUTLET	METER	DELIVERY HOSE	BENDING PROTECTION	ULTRA HI-FLOW AUTO NOZZLE
			L/MIN	GPM	AC V./HZ	POWER WATT	AMP. MAX.	CONTINUOUS						
F00391010	(EX) EX100 DRUM 230V/50HZ (PUMP ONLY)	D G K	100	25	230/50	1035	4,5	YES	2" BSP	1" BSP	-	-	-	-
F00391020	(EX) EX100 DRUM 230V/60HZ (PUMP ONLY)	D G K	100	25	230/60	874	3,8	YES	2" BSP	1" BSP	-	-	-	-
F00391300	(Ex) EX100 DRUM 230/50 /A140/5MT	D G K	100	25	230/50	1035	4,5	YES	2" BSP	1" BSP	-	D.25 5MT	YES	A140
F00391320	(EX) EX100 DRUM 230/60 /A140/5MT	D G K	100	25	230/60	874	3,8	YES	2" BSP	1" BSP	-	D.25 5MT	YES	A140
F00391340	(EX) EX100 DRUM 250/50 /A140/5MT	D G K	100	25	250/50	1125	4,5	YES	2" BSP	1" BSP	-	D.25 5MT	YES	A140
F00391310	(EX) EX100 DRUM 230/50 /A140/K150/5MT	D G K	100	25	230/50	1035	4,5	YES	2" BSP	1" BSP	K150	D.25 5MT	YES	A140
F00391330	(EX) EX100 DRUM 230/60 /A140/K150/5MT	D G K	100	25	230/60	874	3,8	YES	2" BSP	1" BSP	K150	D.25 5MT	YES	A140
F00391350	(EX) EX100 DRUM 250/50 /A140/K150/5MT	D G K	100	25	250/50	1125	4,5	YES	2" BSP	1" BSP	K150	D.25 5MT	YES	A140

( ) UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY. COMPATIBLE FLUIDS: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 15%, AVGAS 100/100LL, JET A/A1 - ASPEN 2/4

EX100 DRUM

EX140 DRUM ⟨Ex⟩

FEATURES

- **CONTINUOUS DUTY**
- **THERMAL PROTECTION**
- **SUCTION UNIT WITH INTEGRATED FILTER**
- **BUILT-IN BYPASS VALVE**
- **UL VERSION AVAILABLE**

The entire new EX line is characterized by a high flow rate that works with a continuous duty cycle, and has been designed to be particularly suitable for Heavy Duty, i.e.for those demanding fleets that need to dispense fuels such as Gasoline, diesel or kerosene quickly.

The PIUSI EX140 DRUM is ATEX certified and complies with the directives on the use of materials in potentially explosive atmospheres.

Atex ⟨Ex⟩ II 2 G

On request CLASSIFIED c(UL)us

IEC Ex

PERFORMANCE

UP TO **140 L/MIN**	**AC** VOLTAGE
FLOW RATE	POWER

EX140 DRUM /A140/K150/5MT

EX140 DRUM /A140/5MT

OUR PUMPS COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEx

II	2	G	Ex	d	IIA	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00396010	25	55	240X400X350	10X16X15	1
F00396030	25	55	240X400X350	10X16X15	1
F00396020	25	55	240X400X350	10X16X15	1
F00396300	30	66	400X600X430	16X24X17	1
F00396320	30	66	400X600X430	16X24X17	1
F00396340	30	66	400X600X430	16X24X17	1
F00396310	32	70	400X600X430	16X24X17	1
F00396330	32	70	400X600X430	16X24X17	1
F00396350	32	70	400X600X430	16X24X17	1

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

PIUSI

INDEX

A	A	Ad®	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

EX140 DRUM

TYPE OF FLUID GASOLINE
TEMPERATURE 20°C
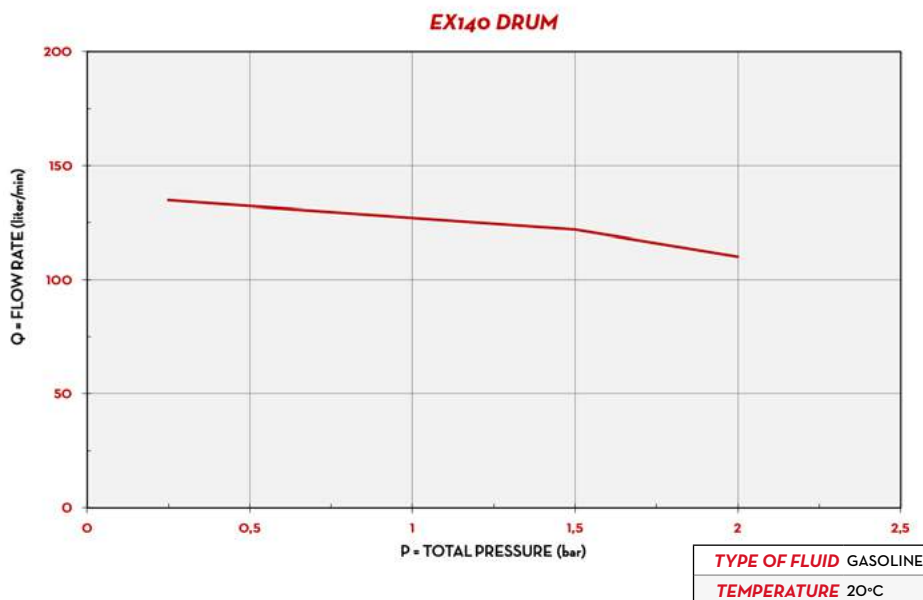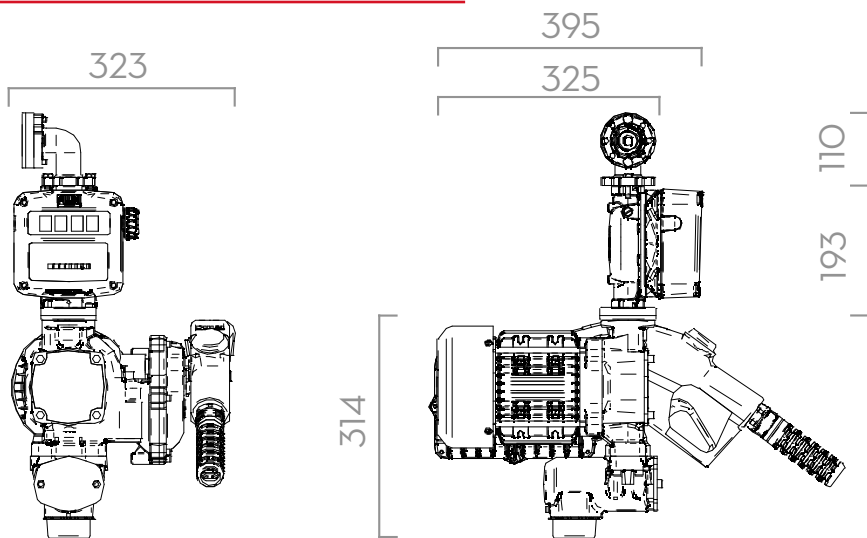
IN THE BOX

- EX140 PUMP
- NOZZLE HOLDER
- 2" CONNECTOR
- 90° FLANGED ELBOW
- K150 ATEX METER (ON SELECTED VERSION)
- A140 ATEX AUTOMATIC NOZZLE (ON SELECTED VERSION)
- DELIVERY HOSE (ON SELECTED VERSION)
- INSTRUCTION MANUAL

DETAILS

MESH STRAINER

2" TANK CONNECTOR

90° FLANGED ELBOW

BENDING PROTECTION

COMPONENTS

- **PUMP:**
  EX140   PAG. 98
- **METER:**
  K150 ATEX   PAG. 130
- **NOZZLE:**
  A140 ATEX   PAG. 156

DIMENSIONS

323   395   325   110   193   314

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE L/MIN	GPM	AC V./HZ	POWER WATT	AMP. MAX.	DUTY CICLE CONTINUOUS	INLET	OUTLET	METER	DELIVERY HOSE	BENDING PROTECTION	ULTRA HI-FLOW AUTO NOZZLE
F00396010	(EX) EX140 DRUM 230V/50HZ (PUMP ONLY)	D G K	140	37	230/50	1150	5	YES	2" BSP	1" BSP	-	-	-	-
F00396030	(EX) EX140 DRUM 230V/60HZ (PUMP ONLY)	D G K	140	37	230/60	920	4	YES	2" BSP	1" BSP	-	-	-	-
F00396020	(EX) EX140 DRUM 250V/50HZ (PUMP ONLY)	D G K	140	37	250/50	1125	4,5	YES	2" BSP	1" BSP	-	-	-	-
F00396300	(Ex) EX140 DRUM 230/50 /A140/5MT	D G K	140	37	230/50	1150	5	YES	2" BSP	1" BSP	-	D.25 5MT	YES	A140
F00396320	(EX) EX140 DRUM 230/60 /A140/5MT	D G K	140	37	230/60	920	4	YES	2" BSP	1" BSP	-	D.25 5MT	YES	A140
F00396340	(EX) EX140 DRUM 250/50 /A140/5MT	D G K	140	37	250/50	1125	4,5	YES	2" BSP	1" BSP	-	D.25 5MT	YES	A140
F00396310	(EX) EX140 DRUM 230/50 /A140/K150/5MT	D G K	140	37	230/50	1150	5	YES	2" BSP	1" BSP	K150	D.25 5MT	YES	A140
F00396330	(EX) EX140 DRUM 230/60 /A140/K150/5MT	D G K	140	37	230/60	920	4	YES	2" BSP	1" BSP	K150	D.25 5MT	YES	A140
F00396350	(EX) EX140 DRUM 250/50 /A140/K150/5MT	D G K	140	37	250/50	1125	4,5	YES	2" BSP	1" BSP	K150	D.25 5MT	YES	A140

( ) UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY. COMPATIBLE FLUIDS: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 15%, AVGAS 100/100LL, JET A/A1 - ASPEN 2/4

EX140 DRUM

EX5O ST

FEATURES

- **STURDY STRUCTURE**
- **COMPACT, VERSATILE**
- **EASY TO INSTALL**
- **ANTI-NOISE FILTER**
- **OVERLOAD PROTECTION**

The PIUSI EX5O ST is a sturdy and compact transfer station equipped with an ACEX/IECEx certified pump suitable for the transfer of all flammable liquids. These transfer stations are the final solution for all applications in which mobile or underground tanks need to be equipped with a dispenser unit. Thanks to the flanged components, this transfer set allows users to replace any component without using sealants.

Atex II 2 G — On request CLASSIFIED c UL us

PERFORMANCE

UP TO **5O L/MIN**	**AC** VOLTAGE
FLOW RATE	POWER

±1%
ACCURACY

PIUSI ST EX5O WITH METER AND NOZZLE
F00377000

PIUSI ST EX5O WITH METER AND NOZZLE
F00377010

OUR PUMPS COMPLY WITH THE FOLLOWING MARKING ATEX/IECEx

II	2	G	Ex	d	IIA	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
WITH METER					
F00377000	12	24,5	600X400X290	23,6X13,7X11,4	1
F00377010	12	24,5	600X400X290	23,6X13,7X11,4	1

| FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE |

PIUSI®

INDEX

| A | A | Ad | B | D | F | G | G | K | O | W | W |
| AIR | ANTIFREEZE | AdBlue® | BIODIESEL | DIESEL | FOOD | GASOLINE | GREASE | KEROSENE | OIL | WATER | WINDSCREEN |

CHART

EX50

TYPE OF FLUID DIESEL
TEMPERATURE 2
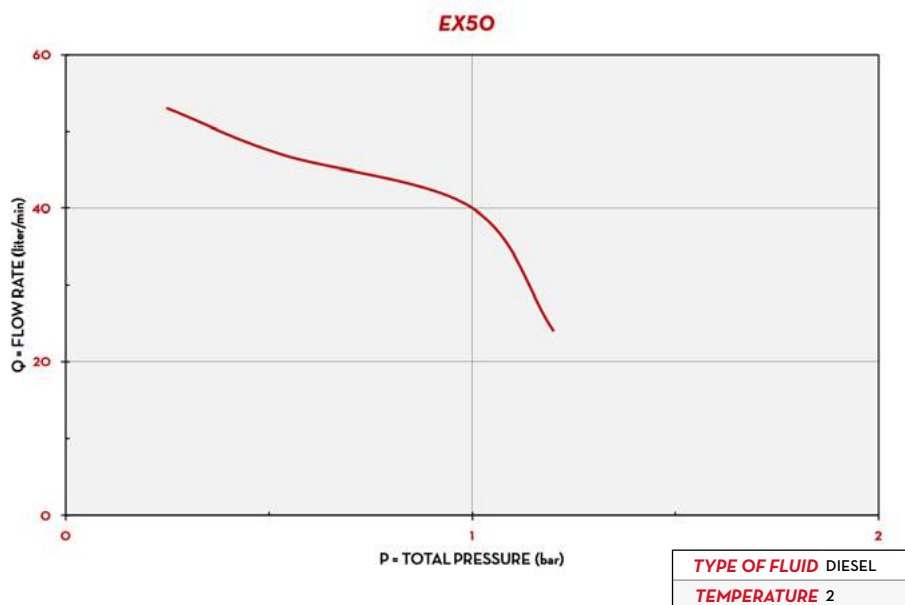
IN THE BOX

- EX50 PUMP
- METALLIC PLATE
- TELESCOPIC SUCTION HOSE
- GASOLINE HOSE
- FILTER
- NOZZLE
- 2" CONNECTOR
- K33 MECHANICAL METER (ON REQUEST)
- INSTRUCTION MANUAL

DETAILS

NUTATING DISK SYSTEM

MESH STRAINER

DIMENSIONS
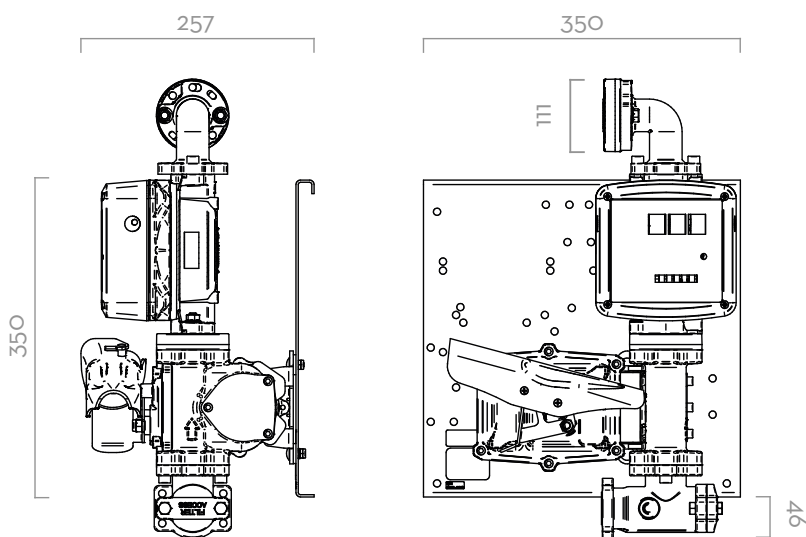
Dimensions expressed in millimeters

COMPONENTS

- **PUMP:**
  EX50   PAG. 94
- **METER:**
  K33 ATEX   PAG. 128
- **NOZZLE:**
  A60 ATEX   PAG. 156

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			METER	NOZZLE	FILTER	INLET	HOSE	
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE		BSP	LENGTH MM	Ø BSP
WITH METER													
F00377000	ST EX50 230V K33 ATEX + AUT. NOZZLE	D G K	50	13	230/50-60	250	21	K33	AUT.	-	1"	4	3/4"
F00377010	ST EX50 230V K33 ATEX + AUT. NOZZLE (RU VERSION)	D G K	50	13	230/50-60	250	21	K33	AUT.	-	1"	4	3/4"

( ) UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY. COMPATIBLE FLUIDS: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 15%, AVGAS 100/100LL (ONLY PUMP&METER), JET A/A1 (ONLY PUMP&METER) - ASPEN 2/4

EX50 ST

DRUM

FEATURES

- **EASY TO INSTALL**
- **SUITABLE FOR ALL DRUMS**
- **DIFFERENT PUMPS FOR ANY NEED**
- **AC/DC VERSIONS**

The PIUSI DRUM is a compact fuel transfer unit suitable to be connected on drums thanks to the quick 2" coupling. Available with different pumps, the system is (always) equipped with a telescopic suction hose and the nozzle holder located above the drum, near the pump, for easy, clean and safe operations. K33 mechanical meter available on request.

PERFORMANCE

UP TO **80 L/MIN**	**AC/DC** *VOLTAGE*
FLOW RATE	POWER

± 1%
ACCURACY

DRUM PANTHER 56 K33

DRUM BIPUMP 12V

PACKAGING

CODE		WEIGHT		PACKAGING		
WITHOUT METER	WITH METER	KG	LBS	MM	INCH	PCS/BOX
000271P00	000272P00	13,5	29,8	480X370X265	18,3X14,6X10,4	1
000273P00	000274P00	14,4	31,7	480X370X265	18,3X14,6X10,4	1
F0022201A	F0022205A	20,7	45,6	480X370X265	18,3X14,6X10,4	1
F0022202A	F0022206A	20,7	45,6	480X370X265	18,3X14,6X10,4	1
F0022203A	F0022207A	21,6	47,6	480X370X265	18,3X14,6X10,4	1
F0022204A	F0022208A	21,6	47,6	480X370X265	18,3X14,6X10,4	1
-	F0034111C	14,7	31,7	480X370X265	18,3X14,6X10,4	1

A AIR   A ANTIFREEZE   Ad AdBlue®   B BIODIESEL   D DIESEL   F FOOD   G GASOLINE   G GREASE   K KEROSENE   O OIL   W WATER   W WINDSCREEN

CHART

PUMPS

TYPE OF FLUID DIESEL
TEMPERATURE 10°C
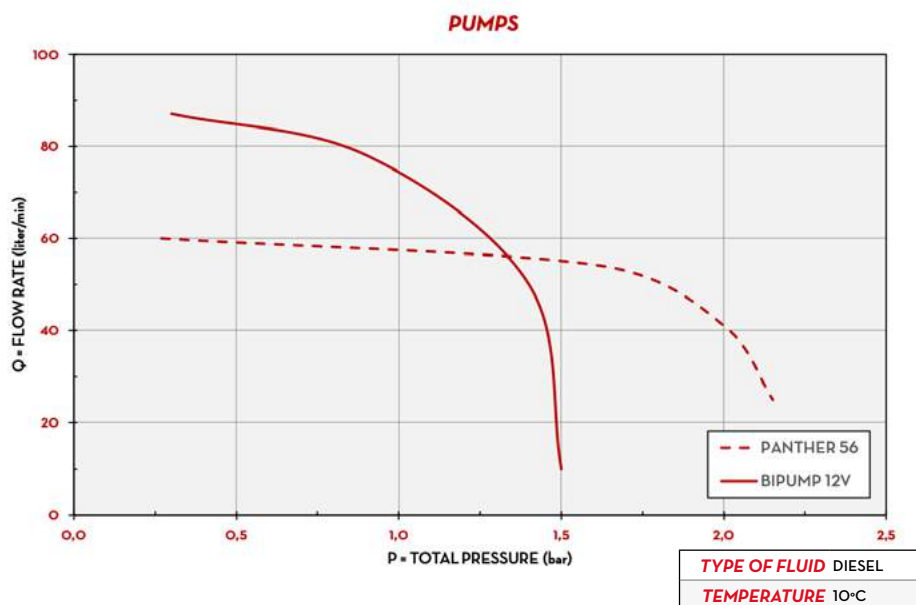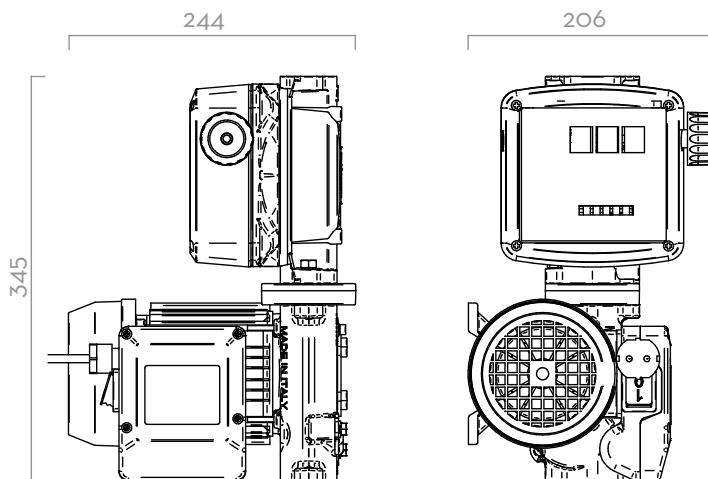
IN THE BOX

- PUMP
- TELESCOPIC SUCTION PIPE
- DELIVERY HOSE
- NOZZLE
- 2" CONNECTOR
- K33 MECHANICAL METER (ON REQUEST)
- INSTRUCTION MANUAL

DETAILS

2" CONNECTOR

TELESCOPIC SUCTION HOSE

ELECTRIC CABLE WITH CLAMPS
(ONLY DC VERSION)

DIMENSIONS

244   206   345

Dimensions expressed in millimeters

COMPONENTS

- PUMPS:
  PANTHER AC   PAG. 102
  BIPUMP   PAG. 116
  PANTHER DC   PAG. 114
- METER:
  K33   PAG. 146

TECHNICAL DATA

CODE		DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			METER	NOZZLE	INLET	HOSE
WITHOUT METER	WITH METER			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	BSP	LENGTH
000271P00	000272P00	DRUM PANTHER 56	D	56	15	230/50	350	3	K33	SELF2000	3/4"	4M
000273P00	000274P00	DRUM PANTHER 56 A60	D	56	15	230/50	350	3	K33	A60	3/4"	4M
F0022201A	F0022205A	DRUM BIPUMP 12V	D	80	21	12V	530	44	K33	SELF2000	1"	4M
F0022202A	F0022206A	DRUM BIPUMP 24V	D	80	21	24V	540	22,5	K33	SELF2000	1"	4M
F0022203A	F0022207A	DRUM BIPUMP 12V A120	D	80	21	12V	530	44	K33	A120	1"	4M
F0022204A	F0022208A	DRUM BIPUMP 24V A120	D	80	21	24V	540	22,5	K33	A120	1"	4M
-	F0034111C	DRUM PANTHER DC 24/12V K33 A60	D	56	15	24/12V	150	25/16A	K33	A60	3/4"	4M

DRUM

PICO

FEATURES

- *READY TO USE*
- *TURBINE FLOW-METER (K24 VERSION ONLY)*
- *WEATHER PROOF MATERIALS*
- *STURDY DESIGN*

The PIUSI PICO is a dispensing unit suitable to transfer diesel, antifreeze and windscreen. It includes a centrifugal pump ready to be fit on any kind of drum (vertical installation with built-in connection). K24 meter and automatic nozzle available on request.

PERFORMANCE

UP TO **35 L/MIN**	**AC/DC** *VOLTAGE*
FLOW RATE	POWER

± 1%
ACCURACY

PACKAGING					
CODE	**WEIGHT**		**PACKAGING**		
	KG	LBS	MM	INCH	PCS/BOX
WITH METER					
F00202020	4,8	10,6	360X360X180	14,2X14,2X7,1	1
F00202030	5,8	12,8	360X360X180	14,2X14,2X7,1	1
F00202060	4,8	10,6	360X360X180	14,2X14,2X7,1	1
F00202070	5,8	12,8	360X360X180	14,2X14,2X7,1	1
F00202100	4,8	10,6	360X360X180	14,2X14,2X7,1	1
F00202110	5,8	12,8	360X360X180	14,2X14,2X7,1	1
WITHOUT METER					
F00202000	4,8	10,6	360X360X180	14,2X14,2X7,1	1
F00202010	5,8	12,8	360X360X180	14,2X14,2X7,1	1
F00202040	4,8	10,6	360X360X180	14,2X14,2X7,1	1
F00202050	5,8	12,8	360X360X180	14,2X14,2X7,1	1
F00202080	4,8	10,6	360X360X180	14,2X14,2X7,1	1
F00202090	5,8	12,8	360X360X180	14,2X14,2X7,1	1

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

PICO

TYPE OF FLUID DIESEL
TEMPERATURE 18°C
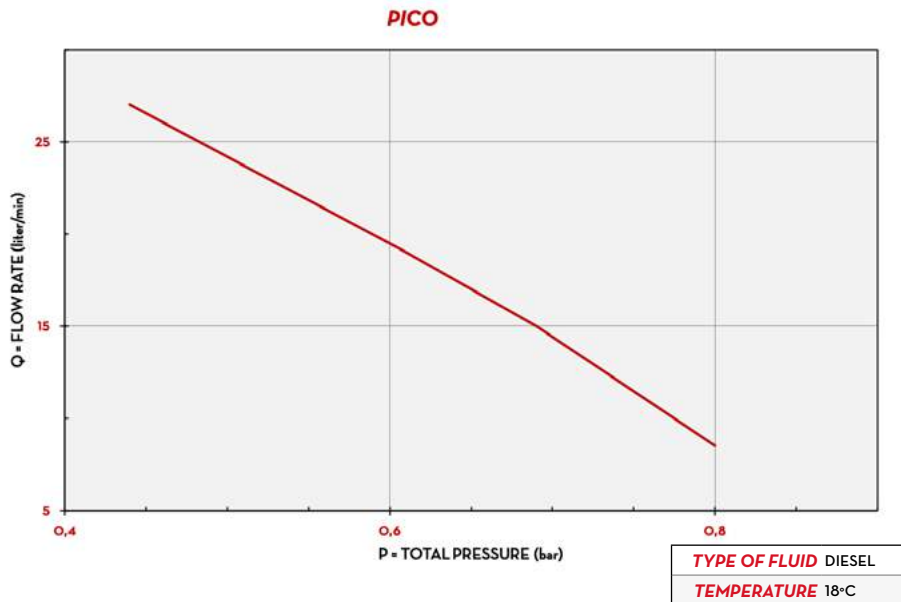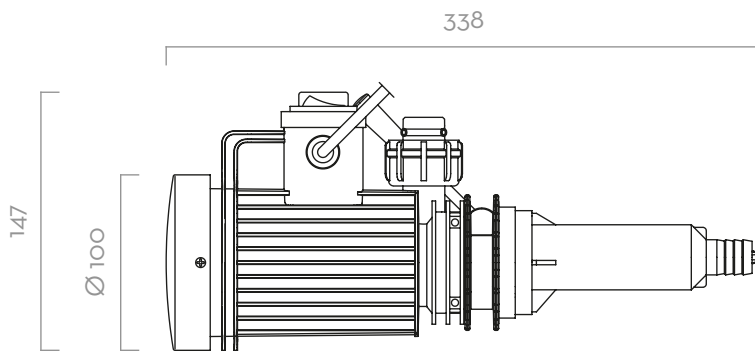
IN THE BOX

• PICO UNIT
• DELIVERY HOSE
• SUCTION PIPE
• MANUAL/AUTOMATIC NOZZLE
• METER (ON REQUEST)
• INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH

VERSION WITH METER

ELECTRIC CABLE WITH CLAMPS
(ONLY DC VERSION)

MATERIALS

• BODY: TECHNOPOLYMER
• TURBINES: TECHNOPOLYMER

DIMENSIONS

338
147
Ø 100

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP	DUTY CYCLE	NOZZLE	HOSE		FOOT FILTER
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	MINUTES	TYPE	LENGTH	Ø	
WITH METER													
F00202020	PICO 230 K24 M	A D W	35	9	230/50	224	1	PICO	-	MAN.	4M	3/4"	YES
F00202030	PICO 230 K24 A	A D W	30	8	230/50	224	1	PICO	-	AUT.	4M	3/4"	YES
F00202060	PICO 12 K24 M	A D W	30	8	12	110	9	PICO	30	MAN.	4M	3/4"	YES
F00202070	PICO 12 K24 A	A D W	25	7	12	110	9	PICO	30	AUT.	4M	3/4"	YES
F00202100	PICO 24 K24 M	A D W	30	8	24	135	5,5	PICO	30	MAN.	4M	3/4"	YES
F00202110	PICO 24 K24 A	A D W	25	7	24	135	5,5	PICO	30	AUT.	4M	3/4"	YES
WITHOUT METER													
F00202000	PICO 230 M	A D W	35	9	230/50	224	1	PICO	-	MAN.	4M	3/4"	YES
F00202010	PICO 230 A	A D W	30	8	230/50	224	1	PICO	-	AUT.	4M	3/4"	YES
F00202040	PICO 12 M	A D W	30	8	12	110	9	PICO	30	MAN.	4M	3/4"	YES
F00202050	PICO 12 A	A D W	25	7	12	110	9	PICO	30	AUT.	4M	3/4"	YES
F00202080	PICO 24 M	A D W	30	8	24	135	5,5	PICO	30	MAN.	4M	3/4"	YES
F00202090	PICO 24 A	A D W	25	7	24	135	5,5	PICO	30	AUT.	4M	3/4"	YES

PICO

BATTERY KIT

FEATURES

- *VERSATILITY*
- *MOBILE AND READY TO USE*
- *ON/OFF SWITCH*

The PIUSI BATTERY KIT is a portable transfer unit with a self-priming electric vane pump. Its modular composition allows users to have different pumps according to the required flow rates and different applications. It is equipped with a fixed brush motor with permanent magnet stator and terminal board with switches and fuses to protect against overload. It is always supplied with integrated nozzle and a set of accessories.

PERFORMANCE

UP TO	
80 L/MIN	**12/24V**
	VOLTAGE
FLOW RATE	POWER

	UP TO
30 MIN	**2MT**
DUTY CICLE	SELF-PRIMING

BATTERY KIT 3000

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
BATTERY KIT 3000							
F0022500C	7,8	17,3	300X300X180	-	1	50	100
F0022600C	7,8	17,3	300X300X180	-	1	50	100
F0022541O	7,8	17,3	300X300X180	-	1	50	100
F0022638O	7,8	17,3	300X300X180	-	1	50	100
BATTERY KIT PANTHER							
F0034003B	7,8	17,3	300X300X180	-	1	24	36
F0034103C	7,8	17,3	300X300X180	-	1	24	36
F0034006B	12,5	27,6	330057X357X275	-	1	24	36
F0034122O	13	28,7	357X357X275	-	1	24	36
F0034106C	12,5,	27,6	357X357X275	-	1	24	36
BATTERY KIT BIPUMP							
F0036328O	18	39,7	480X370X265	-	1		
BATTERY KIT OIL							
F0030906O	7,8	17,3	300X300X180	-	1	50	100
F0031007O	7,8	17,3	300X300X180	-	1	50	100

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

INDEX

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

BATTERY KIT BIPUMP

BATTERY KIT 3000 INLINE

BATTERY KIT OIL

BATTERY KIT PANTHER

IN THE BOX

- PUMP
- SUCTION HOSE
- DELIVERY HOSE
- HANDLE
- NOZZLE
- MESH FILTER AND CONNECTIONS
- CABLES
- INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH

HANDLE

ELECTRIC CABLE WITH CLAMPS

DRUM KIT AVAILABLE pag.90

COMPONENTS

- DEPENDING ON PUMP MODEL, SEE REFERRED PAGES

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			FUSES CAPACITY	PUMP		DUTY CYCLE	NOZZLE	HOSE		CHECK FILTER
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	AMPERE		TYPE	MINUTES	TYPE	LENGTH	Ø	
BATTERY KIT 3000															
F0022500C	BATTERY KIT 3000 12V	D	50	13	12	220	22	25	BP3000	CAT. FUEL PAG. 112	30	SELF 2000	4M	3/4"	YES
F0022600C	BATTERY KIT 3000 24V	D	50	13	24	310	13	15	BP3000	CAT. FUEL PAG. 112	30	SELF 2000	4M	3/4"	YES
F0022541O	BATTERY KIT 3000 INLINE 12V	D	50	13	12	220	22	25	BP3000	CAT. FUEL PAG. 112	30	SELF 2000	4M	3/4"	YES
F0022638O	BATTERY KIT 3000 INLINE 24V	D	50	13	24	310	13	15	BP3000	CAT. FUEL PAG. 112	30	SELF 2000	4M	3/4"	YES
BATTERY KIT PANTHER															
F0034003B	BATTERY KIT PANTHER 12V	D	56	15	12	300	35	40	PANTHER DC	CAT. FUEL PAG. 114	30	SELF 2000	4M	3/4"	YES
F0034103C	BATTERY KIT PANTHER 12-24V	D	35/70	9/18	24/12	420/150	25/16	30	PANTHER DC	CAT. FUEL PAG. 114	30	SELF 2000	4M	3/4"	YES
F0034006B	BATTERY KIT PANTHER 12V	D	56	15	12	420	35	40	PANTHER DC	CAT. FUEL PAG. 114	30	SELF 2000	5M	3/4"	YES
F0034122O	BATTERY KIT PANTHER 12-24V	D	35/70	9/18	12/24	600/200	25/16	30	PANTHER DC	CAT. FUEL PAG. 114	30	A60	5M	3/4"	YES
F0034106C	BATTERY KIT PANTHER 12-24V	D	35/70	9/18	12/24	600/200	25/16	30	PANTHER DC	CAT. FUEL PAG. 114	30	SELF 2000	5M	3/4"	YES
BATTERY KIT BIPUMP															
F0036328O	BATTERY KIT BIPUMP 12V	D	80	21	12	300	22	40	BIPUMP DC	CAT. FUEL PAG. 116	30	A120	6M	3/4"	YES
BATTERY KIT OIL															
F0030906O	BATTERY KIT VISCOMAT 12V	O	10	3	12	300	22	40	VISCOMAT DC	CAT. LUBE PAG. 38	30	SELF 3000	4M	3/4"	YES
F0031007O	BATTERY KIT VISCOMAT 24V	O	10	3	24	300	18	30	VISCOMAT DC	CAT. LUBE PAG. 38	30	SELF 3000	4M	3/4"	YES

BATTERY KIT

PITSTOP

FEATURES

- **READY TO INSTALL**
- **VERSATILITY**
- **STURDY STRUCTURE**

The PIUSI PITSTOP is a dispenser unit with two DC pumps, automatic hose reel, water filter and automatic nozzle with 14 meter. hose integrated into a sturdy supporting structure. Easy to install, versatile and compact, this dispenser is the all-in-one solution for setting up a perfect mobile refueling unit.

PERFORMANCE

UP TO **45 L/MIN**	**12/24V** VOLTAGE
FLOW RATE	POWER

14MT HOSE LENGTH	**200ß/30µ**
HOSE REEL	FILTERING CAPACITY

PITSTOP

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00212000	45	99	595X465X670	23,4X13,5X24,4	1
F00213000	45	99	595X465X670	23,4X13,5X24,4	1

CHART

BP3000

- - - BP3000 12VDC
——— BP3000 24VDC

TYPE OF FLUID	DIESEL
TEMPERATURE	20#C
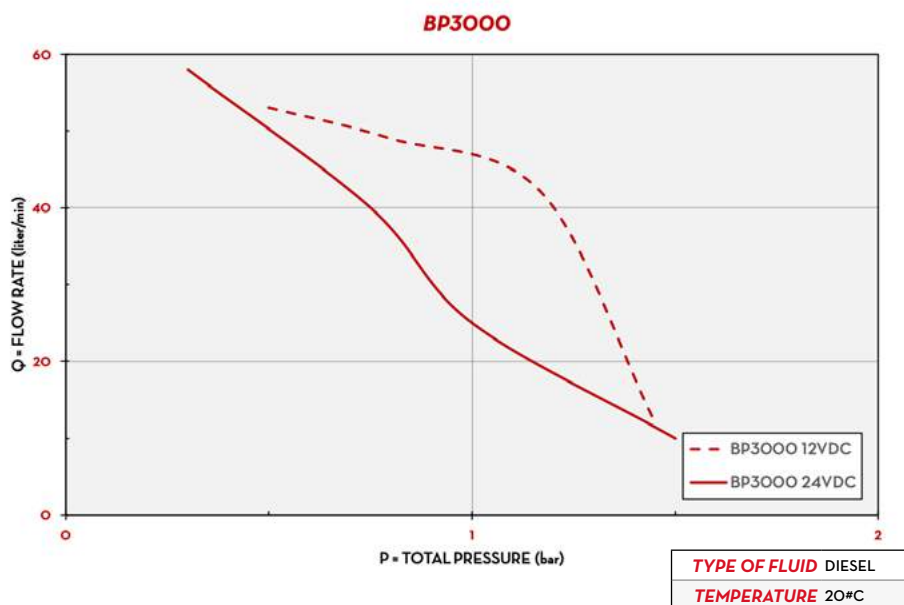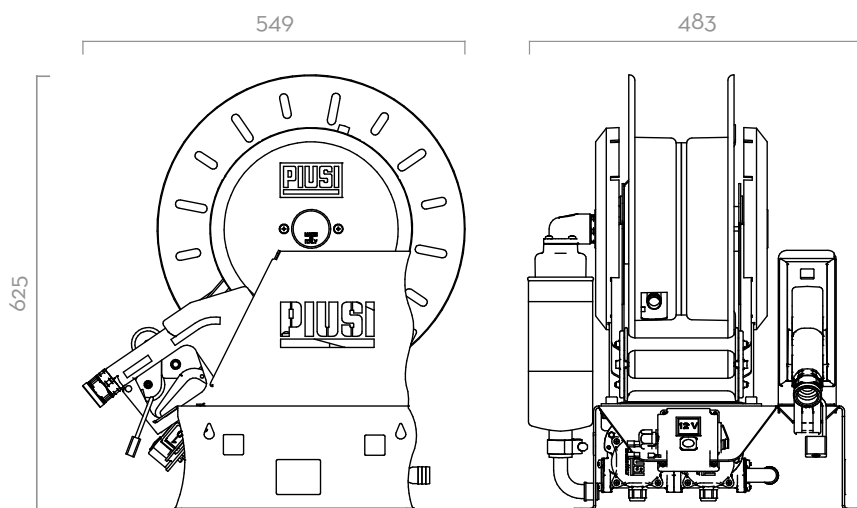
IN THE BOX

- PITSTOP UNIT
- AUTOMATIC NOZZLE
- FILTER
- INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH

PAD LOCK

BUILT-IN DC PUMPS

ADJUSTABLE ARM

COMPONENTS

- PUMP:
  BP3000   PAG. 112
- FILTER:
  WATER CAPTOR   PAG. 170
- NOZZLE:
  A60   PAG. 158

DIMENSIONS

549

483

625

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP		DUTY CYCLE	NOZZLE	HOSE		INLET
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	N°	MINUTES	TYPE	LENGTH	Ø	Ø
F00212000	PIUSI PITSTOP DC 12V	D	45	11,9	12	400	33	BP 3000	2	30	A60	14M	3/4"	1"
F00213000	PIUSI PITSTOP DC 24V	D	45	11,9	24	620	26	BP 3000	2	30	A60	14M	3/4"	1"

PITSTOP

PIUSIBOX

FEATURES

- **SELF PRIMING PUMP**
- **BUILT-IN FILTER (PRO VERSION)**
- **EASY TO REPACK**
- **IP55**

The PIUSIBOX is a portable fuel dispenser integrated with a self-priming transfer pump, filter, check valve and manual nozzle. Suitable for quick and safe refuel operations in all the situations where an easy mobile refueling solution is required.

PERFORMANCE

UP TO **45 L/MIN**	**12/24V**
FLOW RATE	VOLTAGE POWER

30 MIN
DUTY CICLE

PIUSIBOX

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F0023100B	9,5	20,9	400X300X420	-	1	24	32
F0023101B	12	26,5	400X300X420	-	1	24	32
F0023200B	9,5	20,9	400X300X420	-	1	24	32
F0023201B	12	26,5	400X300X420	-	1	24	32

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

PIUSI®

INDEX

A AIR | A ANTIFREEZE | Ad AdBlue® | B BIODIESEL | D DIESEL | F FOOD | G GASOLINE | G GREASE | K KEROSENE | O OIL | W WATER | W WINDSCREEN

CHART

BP3000

- - - BP3000 DC 12V
——— BP3000 DC 24V

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 20°C |
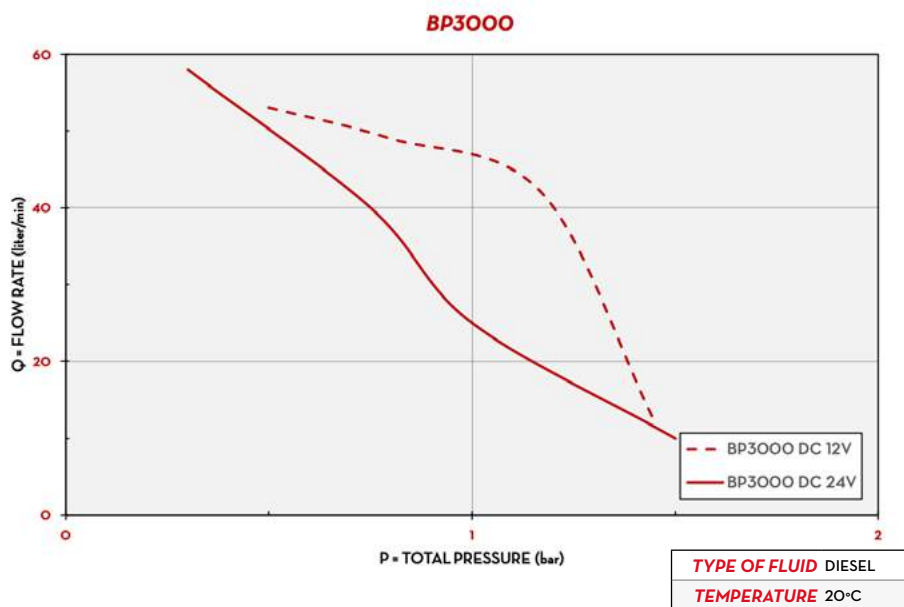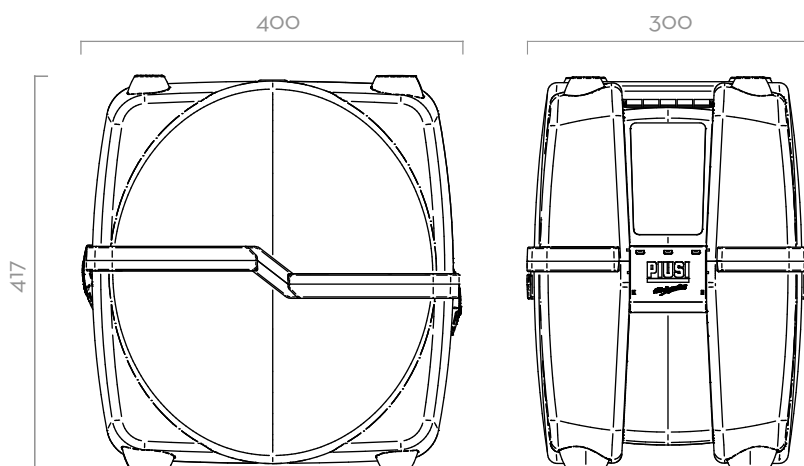
IN THE BOX

- PIUSIBOX UNIT
- SUCTION&DELIVERY HOSE
- OIL&FUEL FILTER (PRO VERSION)
- CHECK VALVE
- INSTRUCTION MANUAL

DETAILS

CHECK VALVE

ERGONOMIC HANDLE

ROTATING CONNECTION
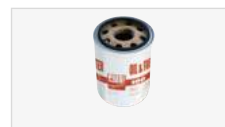
CARTRIDGE (PAG. 90)

DIMENSIONS

400 | 300 | 417

Dimensions expressed in millimeters

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: ACETAL RESIN
- SEAL: NBR
- SHAFT: STEEL

TECHNICAL DATA

| CODE | DESCRIPTION | FLUIDS TYPE | FLOW RATE | | VOLTAGE | | | PUMP | DUTY CYCLE | FILTER | CARTRI-DGE | NOZZLE | DELIVERY HOSE 5/8" | SUCTION HOSE 3/4" | FOOT VALVE |
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	MINUTES			TYPE			MOD. VANTAGE
F0023100B	PIUSIBOX 12V BASIC	D	45	11,9	12	400	33	BP 3000	30	NO	NO	MAN.	4M	2M	YES
F0023101B	PIUSIBOX 12V PRO	D	43	11,7	12	620	26	BP 3000	30	YES	10µ	MAN.	4M	2M	YES
F0023200B	PIUSIBOX 24V BASIC	D	45	11,9	24	400	33	BP 3000	30	NO	NO	MAN.	4M	2M	YES
F0023201B	PIUSIBOX 24V PRO	D	43	11,7	24	620	26	BP 3000	30	YES	10µ	MAN.	4M	2M	YES

PIUSIBOX

CARRY

FEATURES

- **EASY TO INSTALL**
- **SAFE TO MOVE**
- **LONG LASTING APPLICATION**

The PIUSI CARRY pump is a diesel transfer DC pump designed to meet the needs of those who are looking for a long-lasting, high quality and portable pump. CARRY 3000 is equipped with a sturdy handle to allow easy carriage and comes complete with dispensing pipe, power cables and the dispensing nozzle.

PERFORMANCE

UP TO **70 L/MIN**	**12/24V**
FLOW RATE	VOLTAGE / POWER

30 MIN
DUTY CICLE

CARRY PANTHER

CARRY

CARRY 3000 INLINE

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F0022300C	4,2	9,3	260X235X164	-	1	84	120
F0022400C	4,2	9,3	260X235X164	-	1	84	120
F0022326O	4,2	9,3	260X235X164	-	1	84	120
F0022424O	4,2	9,3	260X235X164	-	1	84	120
F0034004B	4,2	9,3	260X235X164	-	1	84	120
F0034104C	4,2	9,3	260X235X164	-	1	84	120

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

INDEX

A	A	Ad®	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

CARRY

- - - BP3000 12VDC
— BP3000 24VDC
········ PANTHER 12VDC
—·— PANTHER 24VDC

Q = FLOW RATE (liter/min)
P = TOTAL PRESSURE (bar)

TYPE OF FLUID	DIESEL
TEMPERATURE	20-22°C
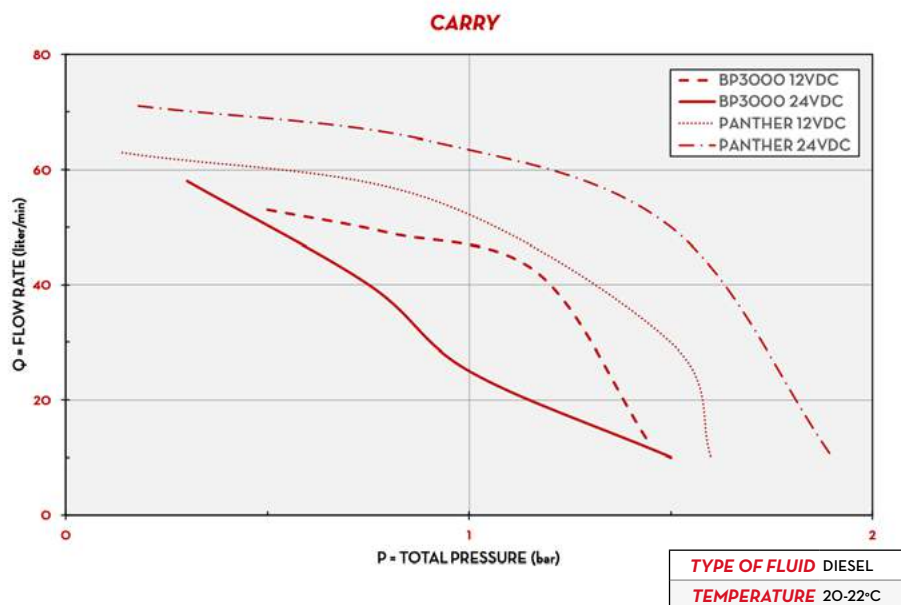
IN THE BOX

- CARRY PUMP
- HANDLE
- ELECTRIC CABLE WITH CLAMPS
- CONNECTIONS
- INSTRUCTION MANUAL

DETAILS

STURDY HANDLE

ELECTRIC CABLE WITH CLAMPS

DIMENSIONS

252
150
145
145
125
179

CARRY PANTHER
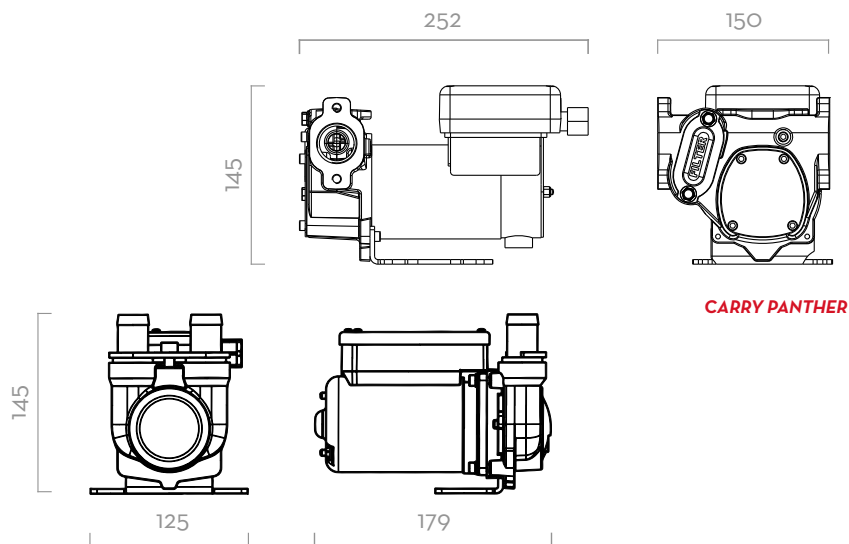
CARRY

Dimensions expressed in millimeters

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: ACETAL RESIN
- SEAL: NBR
- SHAFT: STEEL

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			FUSES CAPACITY	DUTY CICLE	RPM	PRESSURE MAX	ON/OFF SWITCH	INLET/OUTLET
			L/MIN	GPM	DC VOLT	POWER WATT	AMP. MAX.	AMPERE	MINUTES		BAR		BSP
F00223000C	CARRY 3000 12V	D	50	13	12	300	24	25	30	2900	1,5	YES	3/4"
F00224000C	CARRY 3000 24V / 12V	D	50/30	13/6	24/12	310/80	13/6,5	15	30	2900/1500	1,5	YES	3/4"
F00223260	CARRY 3000 INLINE 12V	D	50	13	12	300	24	25	30	2900	1,5	YES	3/4"
F00224240	CARRY 3000 INLINE 24V	D	50/30	13/6	24/12	310/80	24	15	30	2900/1500	1,5	YES	3/4"
F0034004B	CARRY PANTHER 12V	D	56	15	12	420	13/6,5	40	30	2900	-	YES	1"
F0034104C	CARRY PANTHER 12V / 24V	D	35/70	9/18	24/12	600/200	13/6,5	30	30	3500/1800	-	YES	1"

ST

FEATURES

- *RADY TO USE*
- *EASY TO INSTALL*
- *STURDY STRUCTURE*
- *COMPACT DEISGN*
- *AVAILABLE WITH DIFFERENT PUMPS*

The PIUSI ST is a versatile and compact diesel transfer station that can be used to fill mobile tanks or interact with distribution units. It is fitted with check valve, filter, nozzle and 4mt delivery hose. Its sturdy structure makes this dispenser suitable to be used in the harshest environments. It can be integrated with a protective metal box and water separating filter.

PERFORMANCE

UP TO **90 L/MIN**	**AC/DC** *VOLTAGE*
FLOW RATE	POWER

4MT *LENGTH*
DELIVERY HOSE
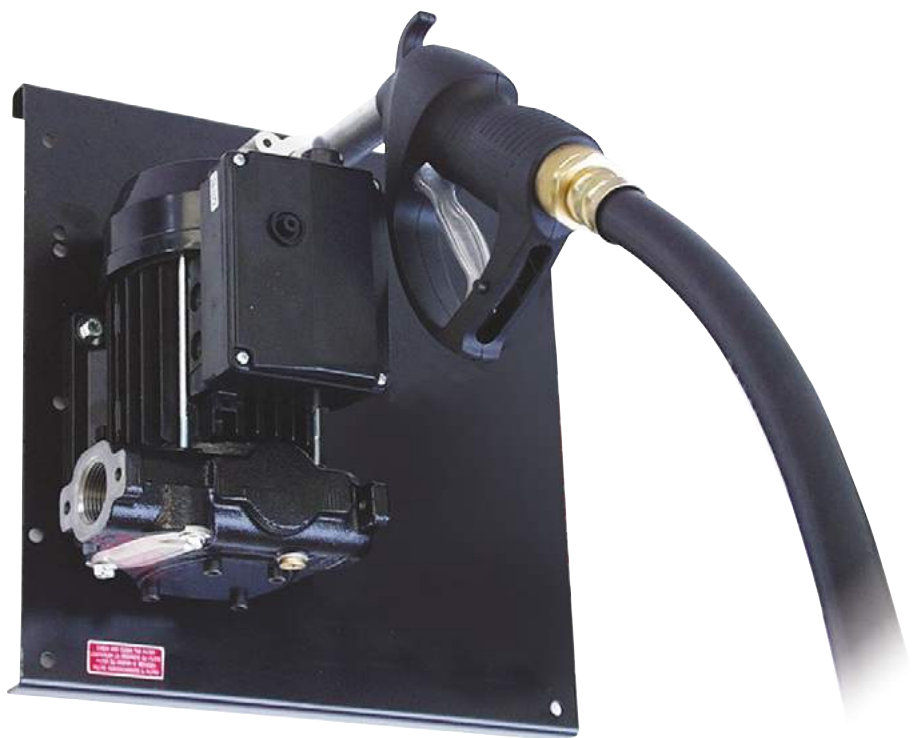
ST

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
000266P00	16	35	357X357X275	14,1X14,1X10,8	1
000286P00	16	35	357X357X275	14,1X14,1X10,8	1
000266P20	21	46	357X357X275	14,1X14,1X10,8	1
000214000	21	46	357X357X275	14,2X14,2X11,8	1
000216000	23	50	480X370X265	18,9X14,6X10,4	1
000252000	23	50	480X370X265	18,9X14,6X10,4	1
F002100OB	10	22	357X357X275	14,1X14,1X10,8	1
F002110OB	10	22	357X357X275	14,1X14,1X10,8	1
F00340080	19	42	357X357X275	14,1X14,1X10,8	1

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

INDEX

A AIR · A ANTIFREEZE · Ad AdBlue® · **B** BIODIESEL · **D** DIESEL · F FOOD · G GASOLINE · G GREASE · K KEROSENE · O OIL · W WATER · W WINDSCREEN

AVAILABLE WITH DIFFERENT PUMPS

AC PUMP - PANTHER

AC PUMP - E80

AC PUMP - E120

AC PUMP - VISCOMAT VANE

DC PUMP - BP3000

DC PUMP - PANTHER DC
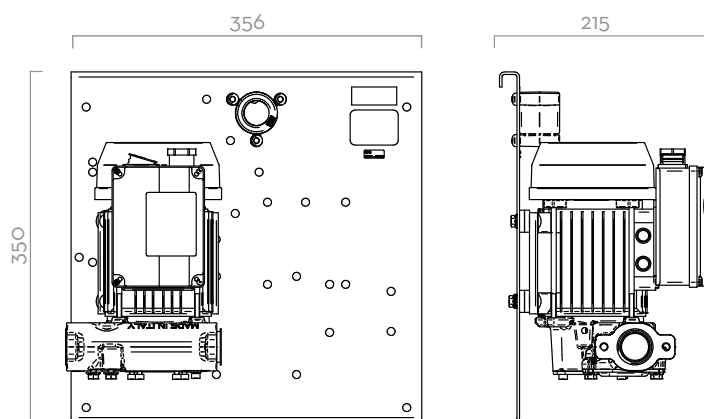
IN THE BOX

- ST UNIT
- DELIVERY HOSE
- NOZZLE
- NOZZLE HOLDER
- INSTRUCTION MANUAL

DETAILS

MANUAL NOZZLE (pag. 162)

AUTOMATIC NOZZLE (pag. 158)

DIMENSIONS

356

215

350

Dimensions expressed in millimeters

COMPONENTS

- **PUMPS:**
  PANTHER AC .... PAG. 102
  E80/E120 .... PAG. 106
  VISCOMAT VANE .... PAG. 104
  BP3000 .... PAG. 112
  PANTHER DC .... PAG. 114
- **NOZZLE:**
  MANUAL NOZZLE .... PAG. 162
  AUTOMATIC NOZZLE .... PAG. 158

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			METER	NOZZLE	FILTER	DELIVERY HOSE		OUTLET
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	TYPE	LENGTH	Ø	bsp
000266P00	ST PANTHER 56	D	56	15	230/50	350	3	NO	SELF 3000	NO	4M	3/4"	1"
000286P00	ST PANTHER 56 A60	D	56	15	230/50	350	3	NO	A60	NO	4M	3/4"	1"
000266P20	ST PANTHER 72/M	D	72	19	230/50	500	4,2	NO	SELF 3000	NO	4M	3/4"	1"
000214000	ST E 80	D	80	21	230/50	700	3,5	NO	SELF 3000	NO	4M	1"	1"
000216000	ST E 120	D	90	24	230/50	1150	5,7	NO	SELF 3000	NO	4M	1"	1"
000252000	ST E 120 A120	D	90	24	230/50	1150	5,7	NO	A120	NO	4M	1"	1"
F0021000B	ST BYPASS 3000 12V	D	42	11	12	260	22	NO	SELF 3000	NO	4M	3/4"	1"
F0021100B	ST BYPASS 3000 24V	D	42	11	24	300	12	NO	SELF 3000	NO	4M	3/4"	1"
F0034008O	ST PANTHER DC 12V	D	56	15	12	420	35	NO	SELF 3000	NO	4M	3/4"	1"

THE UNIT CAN ALSO BE SUPPLIED FOR OPERATING UNDER DIFFERENT VOLTAGES AND WITHOUT METER.

ST WITH METER

FEATURES

- **READY TO USE**
- **EASY TO INSTALL**
- **STURDY STRUCTURE**
- **HIGH PRECISION METER**
- **AVAILABLE WITH DIFFERENT PUMPS**

The PIUSI ST WITH METER is a diesel transfer station for fixed installations composed by AC or DC pump, nozzle (manual or automatic) and precision meter - both mechanical (K33) or electronic (K600 B/3) - for safe and controlled refueling operations. Easy to install, this station can be used to fill mobile tanks or interact with distribution units.

PERFORMANCE

UP TO **90 L/MIN**	**AC/DC** *VOLTAGE*
FLOW RATE	POWER

± 1%	**4MT** *LENGTH*
ACCURACY	DELIVERY HOSE
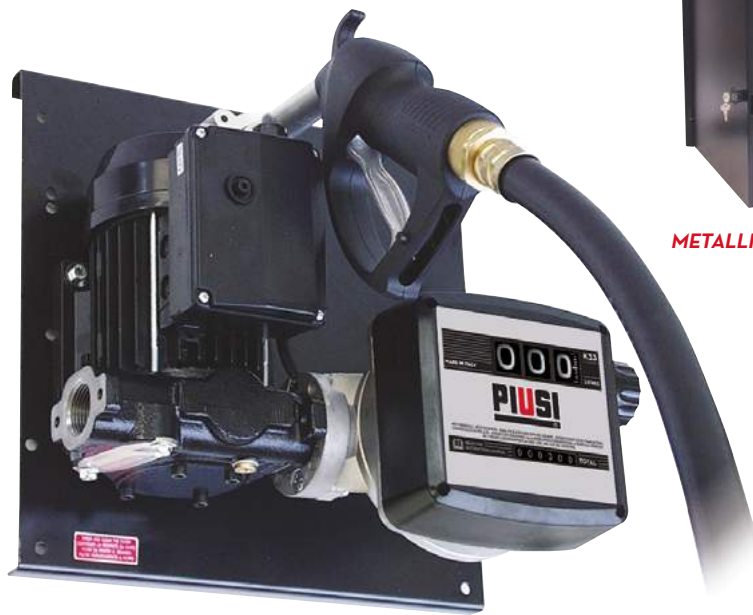
METALLIC BOX (optional)

ST WITH METER

PACKAGING

CODE	WEIGHT		PACKAGING		
WITHOUT METAL BOX	KG	LBS	MM	INCH	PCS/BOX
F00385P0A	16	35	357X357X275	14,1X14,1X10,8	1
F00287P0A	16	35	357X357X275	14,1X14,1X10,8	1
000390000	21	46	357X357X275	14,1X14,1X10,8	1
000392000	23	50	357X357X275	14,2X14,2X11,8	1
000395000	23	50	480X370X265	18,9X14,6X10,4	1
000395050	24	53	480X370X275	18,9X14,6X11,8	1
000397000	20	44	480X370X265	18,9X14,6X10,4	1
000287P40	19	41	357X357X275	14,1X14,1X10,8	1
F0023500B	13	29	357X357X275	14,1X14,1X10,8	1
F0023600B	13	29	357X357X275	14,2X14,2X11,8	1
F0023300B	14	31	480X370X265	18,9X14,6X10,4	1
F0023400B	14	31	480X370X265	18,9X14,6X10,4	1
F0024000A	24	53	357X357X275	14,1X14,1X10,8	1
F0024003A	24	53	357X357X275	14,1X14,1X10,8	1
F0024100A	24	53	357X357X275	14,1X14,1X10,8	1
F0024101A	11	11	357X357X275	14,1X14,1X10,8	1
F0034007O	17	37	357X357X275	14,1X14,1X10,8	1
F0034016O	17	11	357X357X275	14,1X14,1X10,8	1

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

INDEX

(A) AIR   (A) ANTIFREEZE   (Ad) AdBlue®   **(B) BIODIESEL**   **(D) DIESEL**   (F) FOOD   (G) GASOLINE   (G) GREASE   (K) KEROSENE   (O) OIL   (W) WATER   (W) WINDSCREEN

AVAILABLE WITH DIFFERENT PUMPS

AC PUMP - PANTHER 56/72

AC PUMP - E80/E120

AC PUMP - VISCOMAT 70/90

DC PUMP - BYPASS 3000

DC PUMP - PANTHER DC

DC PUMP - BIPUMP
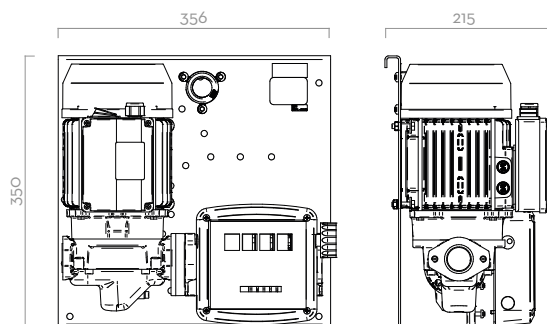
IN THE BOX

- ST WITH METER UNIT
- METER
- DELIVERY HOSE
- NOZZLE
- NOZZLE HOLDER
- INSTRUCTION MANUAL

DETAILS

| K33 / K600 B/3 | MAN. / AUTOM. NOZZLE |

DIMENSIONS

356

350

215

Dimensions expressed in millimeters

COMPONENTS

- **PUMPS:**
  PANTHER AC   PAG. 102
  E80/E120   PAG. 106
  VISCOMAT VANE   PAG. 104
  BP3000   PAG. 112
  PANTHER DC   PAG. 114
  BIPUMP   PAG. 116
- **NOZZLE:**
  MANUAL NOZZLE   PAG. 162
  AUTOMATIC NOZZLE   PAG. 158
- **METERS:**
  K33   PAG. 128
  K600 B/3   PAG. 136

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			METER	NOZZLE	SUCTION HOSE	HOSE		OUTLET
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE		LENGTH (M)	Ø (MM)	bsp
F00385P0A	ST PANTHER 56 K33	D	56	15	230/50	350	3	K33	SELF 3000	NO	4	20	3/4"
F00287P0A	ST PANTHER 56 K33 A60	D	56	15	230/50	350	3	K33	A60	NO	4	20	3/4"
000390000	ST E80 K33	D	80	21	230/50	700	3,5	K33	SELF 3000	NO	4	25	1"
000392000	ST E80 K33 A80	D	75	20	230/50	700	3,5	K33	A80	NO	4	25	1"
000395000	ST E120 K33	D	90	24	230/50	1150	5,7	K33	SELF 3000	NO	4	25	1"
000395050	ST E120/M K44	D	90	24	230/50	1150	5,7	K44	SELF 3000	NO	4	25	1"
000397000	ST E120 K33 A120	D	90	24	230/50	1150	5,7	K33	A120	NO	4	25	1"
000287P40	ST PANTHER 72/M K33 A80	D	72	19	230/50	500	4,2	K33	A80	NO	4	25	1"
F00235000B	ST BYPASS 3000/12V K33	D	40	10	12	260	22	K33	SELF 3000	NO	4	20	3/4"
F00236000B	ST BYPASS 3000 INLINE 24V K33	D	40	10	24	300	12	K33	SELF 3000	NO	4	20	3/4"
F00233000B	ST BYPASS 3000/12V K33 A60	D	35	9	12	260	22	K33	A60	NO	4	20	3/4"
F00234000B	ST BYPASS 3000 INLINE 24V K33 A60	D	35	9	24	300	12	K33	A60	NO	4	20	3/4"
F00240000A	ST BIPUMP 12V K33 SELF 3000	D	80	21	12	530	44	K33	SELF 3000	NO	4	25	1"
F00240003A	ST BIPUMP 12V K33 A120	D	80	21	12	530	44	K33	A120	NO	4	25	1"
F00241000A	ST BIPUMP 24V K33 SELF 3000	D	80	21	24	540	22,5	K33	SELF 3000	NO	4	25	1"
F00241101A	ST BIPUMP 24V K33 A120	D	80	21	24	540	22,5	K33	A120	NO	4	25	1"
F00340070	ST PANTHER 12V K33 A60	D	56	15	12	420	35	K33	A60	NO	4	20	3/4"
F00340160	ST PANTHER DC 12/24V K33 A60	D	70/35	18,5/9,2	24/12	420/150	25/16	K33	A60	NO	4	20	3/4"

ST WITH METER

ST WITH METER AND FILTER

FEATURES

- **READY TO USE**
- **VERSATILE**
- **EASY TO INSTALL**
- **COMPACT DESIGN**
- **FILTRATION GUARANTEED**
- **AVAILABLE WITH DIFFERENT PUMPS**

PIUSI ST WITH METER AND FILTER is a range of dispensers particularly suited for all applications in which a filtration is required. The stations integrate PIUSI CLEAR or WATER CAPTOR FILTERS and are available with mechanical meter K33 or electronic meter K24/K600 B/3. They come with integrated check valve and 4-meter delivery hose.

PERFORMANCE

UP TO **90 L/MIN**	**AC** CONTINUOUS DUTY
FLOW RATE	POWER

± 1%	UP TO **6MT**
ACCURACY	LENGTH DELIVERY HOSE

ST PANTHER 56, K33, A60 AND WATER CAPTOR

ST PANTHER 56, K33, A60 AND CLEAR CAPTOR
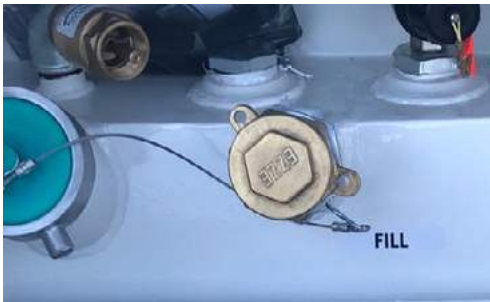
PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00386F0A	25	55	580X380X320	22,8X15X12,6	1
F00265F0A	26	57	580X380X320	22,8X15X12,6	1
F00395F0A	32	71	545X435X340	21,5X17,1X13,4	1
F00386F60	22	48	380X380X480	15X15X18,9	1
F00386R70	22	48	380X380X480	15X15X18,9	1
F00265F40	26	57	580X380X320	22,8X15X12,6	1
F00265S80	26	57	580X380X320	22,8X15X12,6	1
F00395F60	32	71	545X435X340	21,5X17,1X13,4	1
F00265S20	18	40	480X370X260	18,9X14,6X10,2	1
F00265R70	18	40	480X370X260	18,9X14,6X10,2	1

A — AIR | A — ANTIFREEZE | Ad® — AdBlue® | B — BIODIESEL | **D — DIESEL** | F — FOOD | G — GASOLINE | G — GREASE | K — KEROSENE | O — OIL | W — WATER | W — WINDSCREEN

AVAILABLE WITH DIFFERENT PUMPS AND METERS

AC PUMP - PANTHER 56/72

AC PUMP - E120

AUTOMATIC NOZZLE

MECHANICAL METER - K33

ELECTRONIC METER - K24

K600 B/3

IN THE BOX

- ST WITH METER AND FILTER
- METER
- FILTER
- DELIVERY HOSE
- NOZZLE
- NOZZLE HOLDER
- INSTRUCTION MANUAL

DETAILS

WATER CAPTOR FILTER (pag. 170)

MAN. / AUTOM. NOZZLE

K24 / K600 B/3 METER

K33 METER
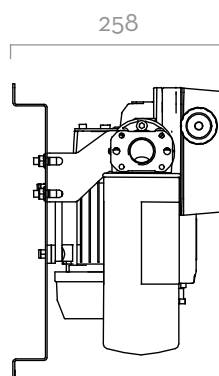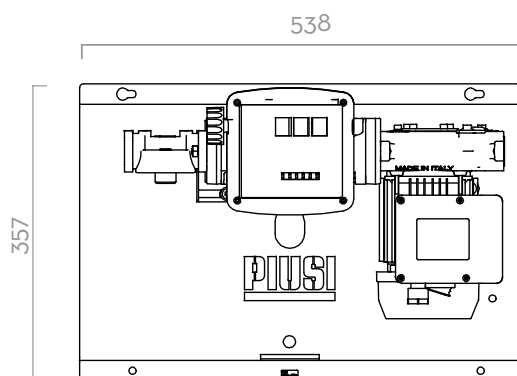
COMPONENTS

- **PUMPS:**
  PANTHER AC .... PAG. 102
  E80/E120 .... PAG. 106
- **NOZZLE:**
  AUTOMATIC NOZZLE ..... PAG. 158
- **METER:**
  K33 .... PAG. 146
  K24 .... PAG. 132
  K600 B/3 .... PAG. 136
- **FILTER**
  WATER CAPTOR .... PAG. 170

DIMENSIONS

538

357

258

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			METER	NOZZLE	FILTER	DELIVERY HOSE		SUCTION HOSE	INLET
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	TYPE	H2O FILTER	LENGTH	Ø	LENGTH	BSP
F00386F0A	ST PANTHER 56 FILTER + A60	D	52	14	230/50	350	3	K33	A60	YES	6M	3/4"	4M	1"
F00265F0A	ST PANTHER 72 FILTER + A60	D	70	18	230/50	500	4,2	K33	A60	YES	6M	3/4"	4M	1"
F00395F0A	ST E120 FILTER + A120	D	85	22	230/50	1150	5,7	K33	A120	YES	6M	1"	4M	1"
F00386F60	ST PANTHER 56 FILTER + A60	D	52	14	230/50	350	3	K33	A60	YES	6M	3/4"	-	-
F00386R70	ST PANTHER 56 + CLEAR CAPTOR + A60	D	52	14	230/50	350	3	K33	A60	YES	6M	3/4"	-	-
F00265F40	ST PANTHER 72 FILTER + A60	D	70	18	230/50	500	4,2	K33	A60	YES	6M	3/4"	-	-
F00265S80	ST PANTHER 72 K600 B/F/6T/PA60	D	70	18	230/50	500	4,2	K600 B/3	A60	YES	6M	1"	-	-
F00395F60	ST E 120 FILTER + A120	D	85	22	230/50	1150	5,7	K33	A120	YES	6M	1"	-	-
F00265S20	ST PANTHER 72 FILTER + K24 METER	D	70	18	230/50	500	4,2	K24	A80	YES	6M	3/4"	-	-
F00265R70	ST PANTHER 72 + CLEAR CAPTOR + A80	D	70	18	230/50	500	4,2	K24	A80	YES	6M	1"	-	-

ST WITH METER AND FILTER

ST BOX

FEATURES

- **STURDY STRUCTURE**
- **LOCKABLE AND SAFE**
- **READY TO USE**
- **FILTRATION GUARANTEED**
- **NOZZLE CONTACT (PRO VERSION ONLY)**

The PIUSI ST BOX is a diesel refueling station complete with pump, flow meter and filter, with lockable metal protection box. The unit is complete with antistatic hose for diesel fuel and automatic dispensing nozzle. The PRO version features the electronic access control box ACCESS 85.

PERFORMANCE

UP TO **90 L/MIN**	**AC**
FLOW RATE	CONTINUOUS DUTY
	POWER

± 1%
ACCURACY
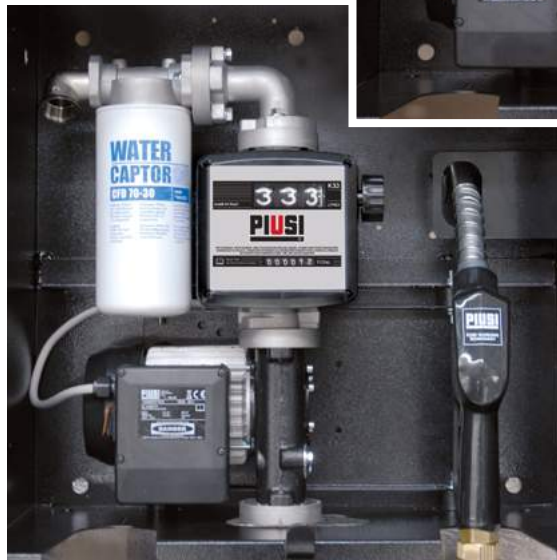
PACKAGING					
CODE	**WEIGHT**		**PACKAGING**		
	KG	LBS	MM	INCH	PCS/BOX
WITHOUT ACCESS 85					
0003670OB	-	-	-	-	-
0003690OB	-	-	-	-	-
F0036502O	-	-	-	-	-
F0036506O	-	-	-	-	-
F0036505O	36	72	575X32OX6O7	22,6X12,6X23,9	1
F00365POA	40	88	575X32OX6O7	22,6X12,6X23,9	1
F0039900A	50	110	59OX34OX72O	23,2X13,4X28,3	1
WITH ACCESS 85					
F0036501O	40	88	575X32OX6O7	22,6X12,6X23,9	1

FILTRATION TANK MONITORING HOSE REEL ACCESSORIES MERCHANDISE

INDEX

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

PUMPS

TYPE OF FLUID	DIESEL
TEMPERATURE	20°C
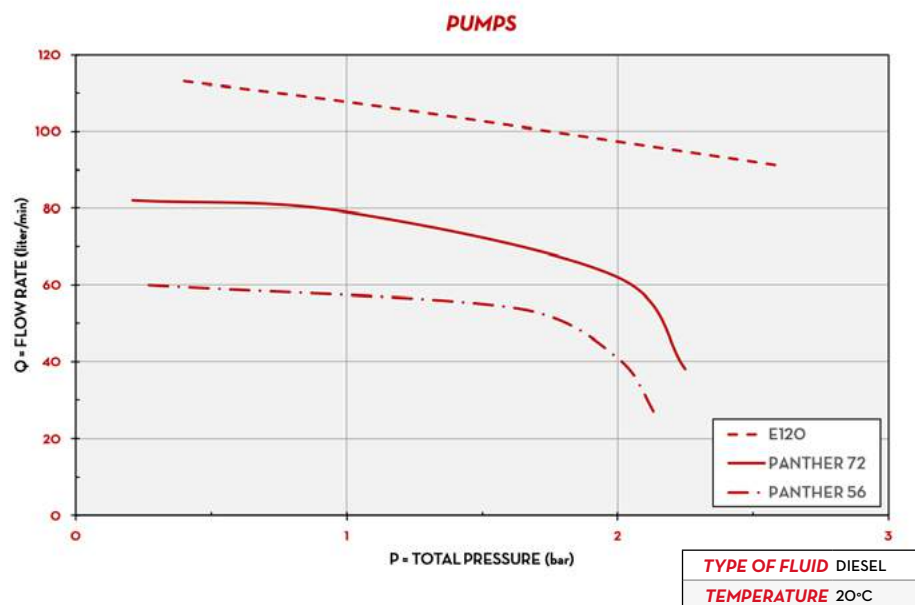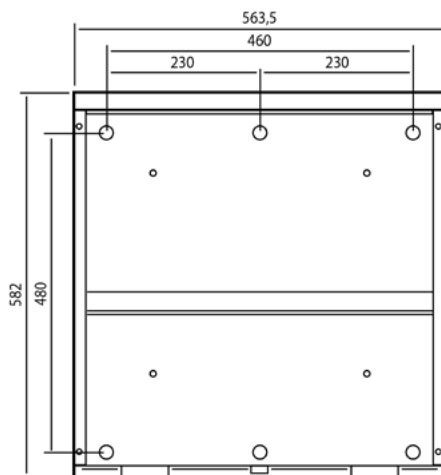
IN THE BOX

- ST BOX UNIT
- METER
- FILTER
- DELIVERY HOSE
- NOZZLE
- INSTRUCTION MANUAL

DETAILS

K33 MECH. METER (pag. 148)	WATER CAPTOR FILTER (pag. 170)
DRIVER&MANAGER KEY	ACCESS 85 (pag. 194)

COMPONENTS

- **PUMPS:**
  - PANTHER AC — PAG. 102
  - E80/E120 — PAG. 106
  - BIPUMP — PAG. 116
- **NOZZLE:**
  - AUTOMATIC NOZZLE — PAG. 158
- **METER:**
  - K33 — PAG. 146
  - K24 — PAG. 132
- **FILTER**
  - WATER CAPTOR — PAG. 170
- **ACCESS CONTROL**
  - ACCESS85 — PAG. 194

DIMENSIONS

563,5
460
230 230
582 480

Dimensions expressed in millimeters

TECHNICAL DATA

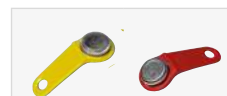| CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE L/MIN	GPM	VOLTAGE AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	PUMP TYPE	METER TYPE	NOZZLE TYPE	FILTER H2O FILTER	HOSE LENGTH	Ø	INLET BSP
WITHOUT ACCESS 85														
00036700B	ST BOX E80/M K33 A80	D	80	21	230/50	500	3,5	E80	K33	A80	NO	4M	1"	1"
00036900B	ST BOX E120/M K33 A120	D	90	22	230/50	750	5,7	E120	K33	A120	NO	4M	1"	1"
F00365020	ST BOX PANTHER 56 BASIC	D	56	15	230/50	350	3	PANTH. 56	K33	A60	YES	6M	1"	1"
F00365060	ST BOX PANTHER 72 BASIC	D	70	19	230/50	500	4,2	PANTH. 72	K33	A80	YES	6M	1"	1"
F00365050	ST BOX E 120 BASIC	D	90	22	230/50	750	5,7	E 120	K33	A120	YES	8M	1"	1"
F00365P0A	ST BOX P56/M K33 A60	D	56	15	230/50	350	3	PANTH. 56	K33	A60	NO	4M	3/4"	1"
F00399000A	ST BOX BIPUMP 12V K33 A120	D	80	21	12	530	44	BIPUMP	K33	A80	NO	4M	1"	1"
WITH ACCESS 85														
F00365010	ST BOX PANTHER 72 PRO	D	70	19	230/50	500	4,2	PANTH. 72	K33	A60	YES	8M	1"	1"

PRO VERSION ONLY

ST BOX

ST 200 AC

FEATURES

- **STURDY METALLIC FRAME**
- **READY TO USE**
- **EASY TO MOVE**
- **HEAVY DUTY**

The PIUSI ST 200 AC is a dispenser that allows high flow refueling thanks to the two integrated E120 self-priming rotary electric vane pumps. Fitted with by-pass valve and elevated reliability seal, the dispenser works even at low working temperatures and in every condition on worksites. The oval gear mechanical flow meter guarantees great precision (available on request). It is also available with wheels and handle (on request) for easier handling.

PERFORMANCE

UP TO **200 L/MIN**	**AC** CONTINUOUS DUTY
FLOW RATE	POWER

ST 200 AC

HANDY KIT: VERSION WITH WHEELS AND HANDLE

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00315000	46	101	587X395X420	23,1X15,6X16,5	1
F16860000	-	-	-	-	-

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

ST 200 AC

TYPE OF FLUID	DIESEL
TEMPERATURE	13°C
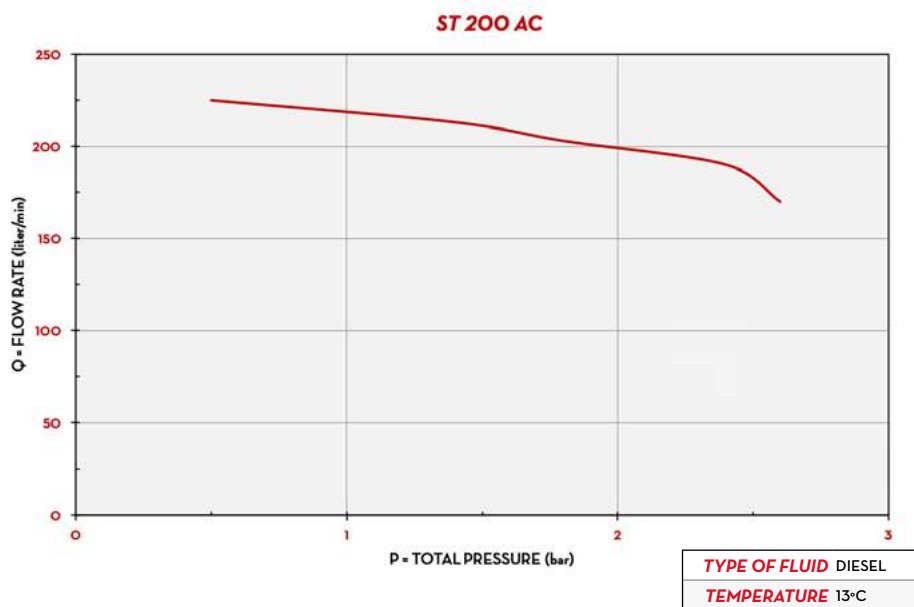
IN THE BOX

- ST 200 AC UNIT
- INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH

DIMENSIONS
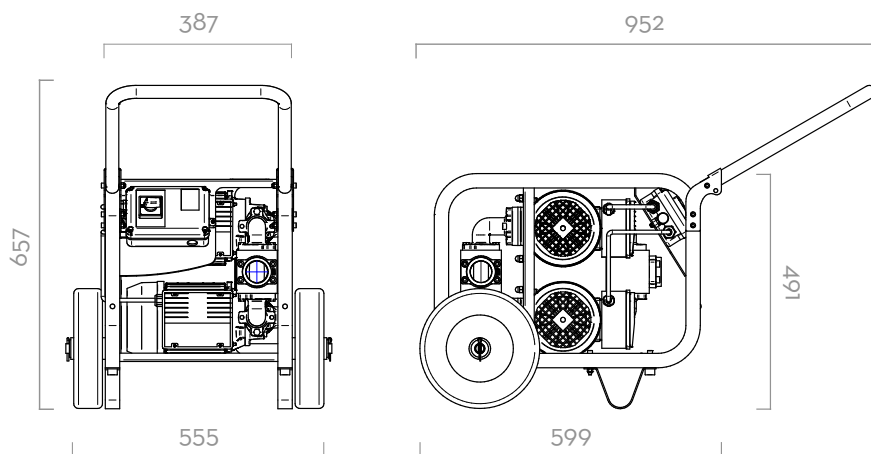
387 952

657 491

555 599

Dimensions expressed in millimeters

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: ACETAL RESIN
- SEAL: VITON
- SHAFT: STEEL

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			PUMP		MAX PRESSURE	OUTLET
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	N°	BAR	BSP
F00315000	ST 200 BASIC	D	200	52,7	230/50	2050	10	E 120	2	2,5	1" 1/2
F1686O000	HANDY KIT (HANDLE + WHEELS)	D	-	-	-	-	-	-	-	-	-

ST200 AC

ST 200 DC

FEATURES

- **STURDY STRUCTURE**
- **COMPACT DESIGN**
- **READY TO USE**
- **HIGH RELIABILITY**
- **HEAVY DUTY**

PIUSI ST 200 DC is a 24V portable dispensing unit for high flow applications. The low weight of the unit makes it easy to handle and suitable for operating on worksites in every condition; both on tanks or for mobile applications. Thanks to the mechanical meter K700, this sturdy dispenser guarantees the maximum precision (on request).

PERFORMANCE

UP TO **185 L/MIN**	**24V**
FLOW RATE	VOLTAGE / POWER

20 MIN (40MIN OFF)
DUTY CICLE

ST 200 DC

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00318000	18	40	480X370X265	18,9X14,6X10,4	1

CHART

ST 200 DC

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 20°C |
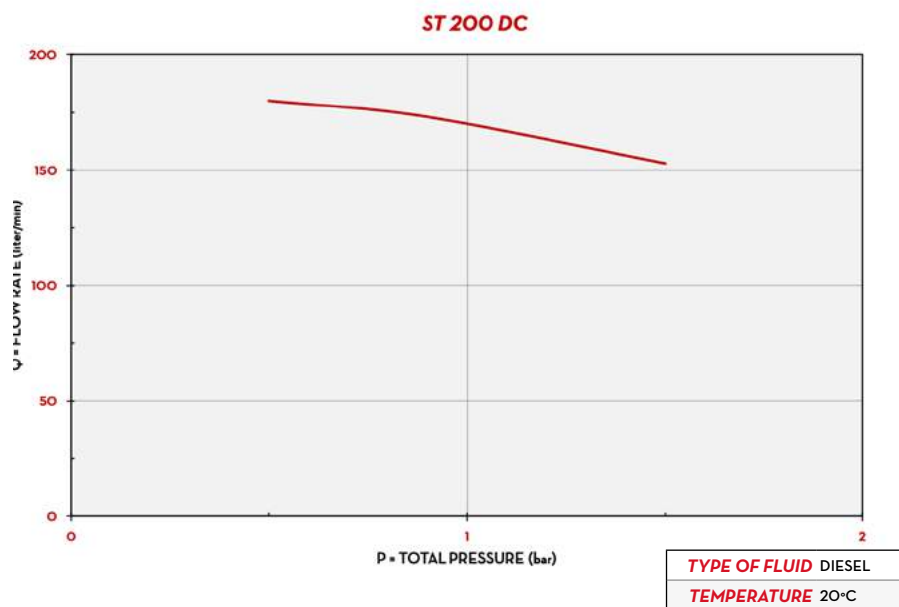
IN THE BOX

- ST 200 DC UNIT
- ELECTRIC CABLE WITH CLAMPS
- INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH

ELECTRIC CABLE WITH CLAMPS
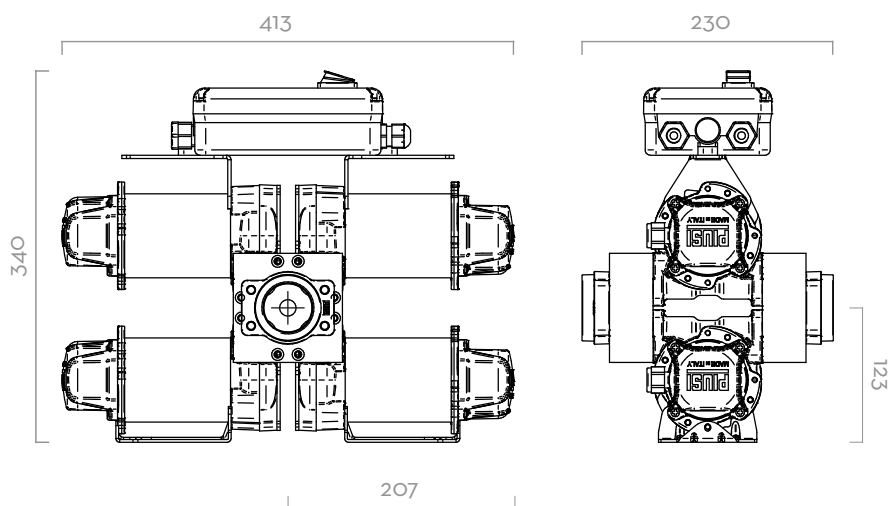
DIMENSIONS

413
230
340
207
123

Dimensions expressed in millimeters

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: ACETAL RESIN
- SEAL: NBR
- SHAFT: STEEL

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			DUTY CICLE	PUMP		MAX PRESSURE	OUTLET
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	MINUTES	TYPE	N°	BAR	BSP
F00318000	ST 200 DC 24 V	D	185	42-48	24	1200	50	30	BYPASS 3000	4	2	1" 1/2
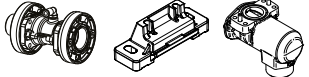
ST200 DC
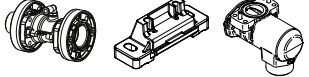
KITS
ACCESSORIES

EX50 DRUM	CODE	DESCRIPTION
	F1815600B	(EX) ADAPTER FOR CONDUIT EX50
	F1862600A	(EX)CABLE+CABLEGLAND ECEX EX50 12V
	F1862400C	(EX) CABLE GLAND EXD·NPT IECEX

F1862400C F1815600B F1862600A

EX100 DRUM	CODE	DESCRIPTION
	F2177000O	BUNG ADAPTER 2" BSP COMPLETE
	F22436010	ANTISIPHONE KIT FOR EX100/EX140/E140 BSP
	F22053000	MOTOR SUPPORT FEET EX80/100/140

F22436010 F22053000 F2177000O

EX140 DRUM	CODE	DESCRIPTION
	F2177000O	BUNG ADAPTER 2" BSP COMPLETE
	F22436010	ANTISIPHONE KIT FOR EX100/EX140/E140 BSP
	F22053000	MOTOR SUPPORT FEET EX80/100/140

F22436010 F22053000 F2177000O

EX50 ST	CODE	DESCRIPTION
	F1815600B	(EX) ADAPTER FOR CONDUIT EX50
	F1862600A	(EX)CABLE+CABLEGLAND ECEX EX50 12V
	F1862400C	(EX) CABLE GLAND EXD·NPT IECEX

F1862400C F1815600B F1862600A

BATTERY KIT	CODE	DESCRIPTION
	F16586000	DRUM 3000 KIT
	F16631000	KIT DRUM 3000 K33 / FILTER / ADAPTER

F16586000 F16631000

PIUSIBOX	CODE	DESCRIPTION
	F16483010	CARTRIDGE 10 MICRON 3/4IN PIUSI BOX 15PC
	R20764000	K24 ASSEMBLY KIT FOR PIUSIBOX N.

R20764000 F16483010

ST BOX	CODE	DESCRIPTION
	F124960OA	MANAGER KEY 2018
	F159O4OOA	KIT DRIVER KEY YELLOW (10PCS)
	F17121OOO	LEVEL PROBE FOR ACCESS 85
	F17218OOA	ST BOX NEW

F17121OOO   **F124960OA**   **F159O4OOA**

ST 200 AC	CODE	DESCRIPTION
	F16860OOO	KIT WHEELS \ HANDLE ST200
	F18798OOO	KIT HOSE 1 1/2" 10 MT+CAMLOCK+HOSETAIL
	F18799OOO	KIT HOSE 1 1/2" 20 MT+CAMLOCK+HOSETAIL

F18798OOO   **F18799OOO**   **F16860OOO**

ST 200 DC	CODE	DESCRIPTION
	F18798OOO	KIT HOSE 1 1/2" 10 MT+CAMLOCK+HOSETAIL
	F18799OOO	KIT HOSE 1 1/2" 20 MT+CAMLOCK+HOSETAIL

F18798OOO   **F18799OOO**

PUMPS

EX50 AC

FEATURES

- **COMPACT AND STURDY DESIGN**
- **FLANGED COMPONENTS**
- **ANTI-NOISE FILTER**
- **THERMAL PROTECTION**
- **SUCTION UNIT WITH INTEGRATED FILTER (DRUM VERSION)**
- **UL VERSION AVAILABLE**

The PIUSI EX50 AC is a compact and sturdy pump that satisfies the strictest ATEX/IECEx requirements concerning the usage of this equipment in potentially explo-sive atmospheres. It is equipped with built-in bypass valve, non-return valve and anti-noise filter.

PERFORMANCE

UP TO **50 L/MIN** FLOW RATE	**AC** VOLTAGE POWER

| **30 MIN** (30MIN OFF) DUTY CICLE | |

Atex
Ⓔx
II 2 G

CLASSIFIED c(UL)us

IEC

Ex
CES 12.0016X
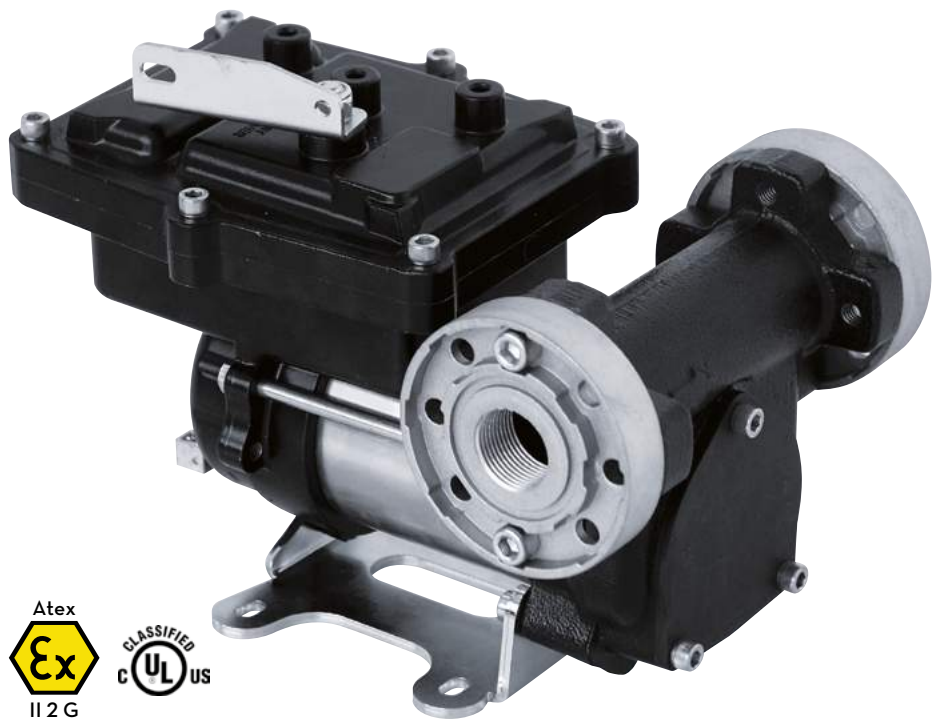
EX50 PUMP

OUR PUMPS COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEX

EX50 EX75 EX50 EX75

II	2	G	Ex	d	db	IIA	IIB	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD		GAS GLASS		TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F0037300A	6,9	15,2	345X175X225	-	1	60	84

A AIR   A ANTIFREEZE   Ad AdBlue®   B BIODIESEL   D DIESEL   F FOOD   G GASOLINE   G GREASE   K KEROSENE   O OIL   W WATER   W WINDSCREEN

CHART

EX50 AC

— EX50 230V AC
- - - EX50 12V DC

P - TOTAL PRESSURE (bar)

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 23°C |

DIMENSIONS

223   145   295

Dimensions expressed in millimeters
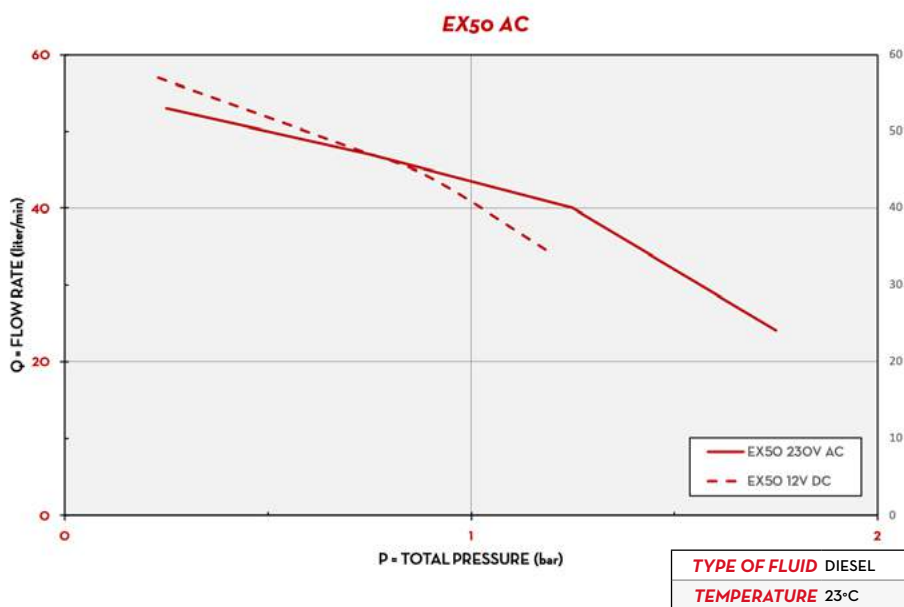
IN THE BOX

• EX50 AC PUMP
• FLANGED CONNECTIONS
• INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH

FLANGED CONNECTIONS

MATERIALS

• BODY: CAST IRON
• ROTOR: SINTERED STEEL
• VANES: PPS
• SEAL: VITON
• SHAFT: STEEL

PUMP

> MAX 6M (20FT),
> SUCTION HOSE Ø 1" MIN,
> MAX SUCTION HEIGHT:
   - 2M (7FT) W/O NON RETURN VALVE
   - 4M (14FT) W NON RETURN VALVE

TANK

TECHNICAL DATA

| CODE | DESCRIPTION | FLUIDS TYPE | FLOW RATE | | VOLTAGE | | | DUTY CICLE | RPM | OUTLET |
			L/MIN	GPM	AC VOLT/HZ	POWER WATT	AMP. MAX.	MINUTES		BSP
F0037300A	EX50 230V AC ATEX	D G K	50	13	230/50-60	250	1,2	30	2700	1"

( ) UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY. THE PUMP CAN BE USED ONLY WITH THE
FOLLOWING FLUIDS: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 15% , AVGAS 100/100LL, JET A/A1 - ASPEN 2/4

EX50 AC

EX100 ⬡Ex

FEATURES

- **HIGH FLOW RATE**
- **HEAVY DUTY**
- **CONTINUOUS DUTY**
- **THERMAL PROTECTION**
- **UL VERSION AVAILABLE**
- **REMOVABLE PUMP FEET**

PIUSI EX100 is the new pump of the EX line, suitable for the transfer of gasoline and diesel with high performance and continuous duty. The directive on the use of materials in potentially explosive atmospheres is very precise, as confirmed by the ATEX certification. Simple to use, compact, versatile, it performs high flow rate and continuous duty cycle.

PERFORMANCE

UP TO **100 L/MIN**	**AC** VOLTAGE
FLOW RATE	POWER

Atex
Ex
II 2 G

CLASSIFIED c UL us

IEC | Ex CES 12.0016X

EX100

OUR PUMPS COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEx

II	2	G	Ex	d	IIA	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00390010	25	55	240X400X350	9,4X15,7X13,8	1
F00390020	25	55	240X400X350	9,4X15,7X13,8	1

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

INDEX

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

EX100 NAKED

TYPE OF FLUID	GASOLINE
TEMPERATURE	20°C
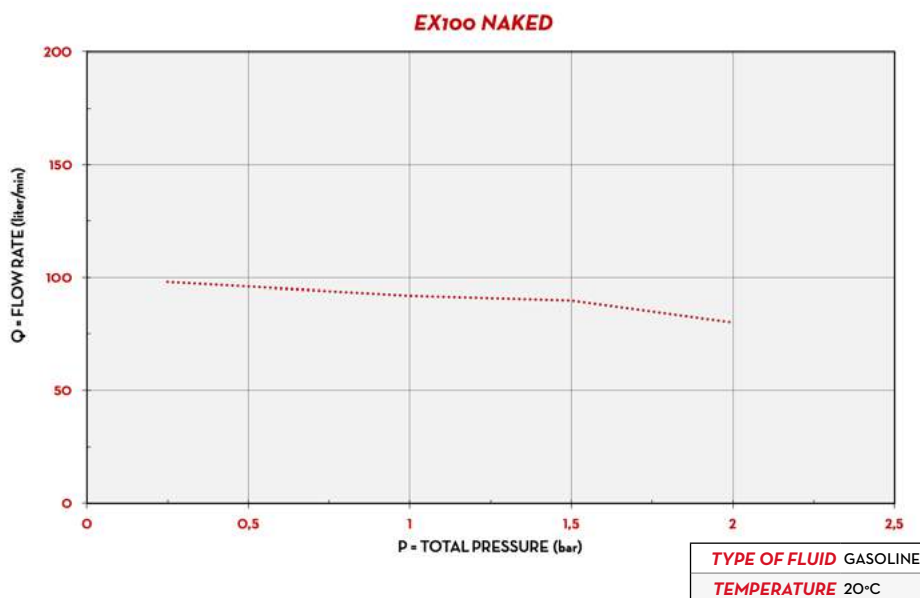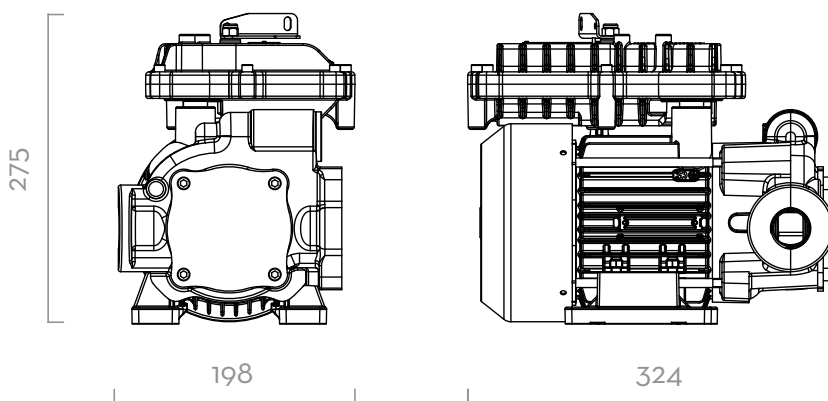
IN THE BOX

- EX100 PUMP
- PUMP FEET
- INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH

VANE ROTOR

BYPASS VALVE

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: TECHNOPOLYMER
- SEAL: VITON
- SHAFT: STEEL

DIMENSIONS

275

198

324

Dimensions expressed in millimeters

PUMP

> MAX 6M (20FT),
> SUCTION HOSE Ø 1" MIN,
> MAX SUCTION HEIGHT:
>   - 2M (7FT) W/O NON RETURN VALVE
>   - 4M (14FT) W NON RETURN VALVE

TANK

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			DUTY CICLE	RPM	INLET	OUTLET
			L/MIN	GPM	AC VOLT/HZ	POWER WATT	AMP. MAX.	CONTINUOUS		BSP	BSP
F00390010	EX 100 230/50	D G K	100	25	230/50	1035	4,5	YES	1450	1" 1/4	1"
F00390020	EX 100 230/60	D G K	100	25	230/60	874	3,8	YES	1750	1" 1/4	1"

( ) UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY. THE PUMP CAN BE USED ONLY WITH THE FOLLOWING FLUIDS: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 15% , AVGAS 100/100LL, JET A/A1 - ASPEN 2/4

EX100

EX140

FEATURES

- **HIGH FLOW RATE**
- **HEAVY DUTY**
- **CONTINUOUS DUTY**
- **THERMAL PROTECTION**
- **UL VERSION AVAILABLE**
- **REMOVABLE PUMP FEET**

The entirely new EX line is characterized by a high flow rate that works with a continuous duty cycle, and has been designed to be particularly suitable for Heavy Duty, i.e.for those demanding fleets that need to dispense fuels such as Gasoline, diesel or kerosene quickly.

PERFORMANCE

UP TO **140 L/MIN**	**AC** VOLTAGE
FLOW RATE	POWER

Atex
Ex II 2 G

CLASSIFIED c UL us

IEC | **Ex** CES 12.0016X

EX140

OUR PUMPS COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEx

II	2	G	Ex	d	IIA	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00395010	25	55	240X400X350	9,4X15,7X13,8	1
F00395020	25	55	240X400X350	9,4X15,7X13,8	1
F00395030	25	55	240X400X350	9,4X15,7X13,8	1

CHART

EX140 NAKED

TYPE OF FLUID	GASOLINE
TEMPERATURE	20°C
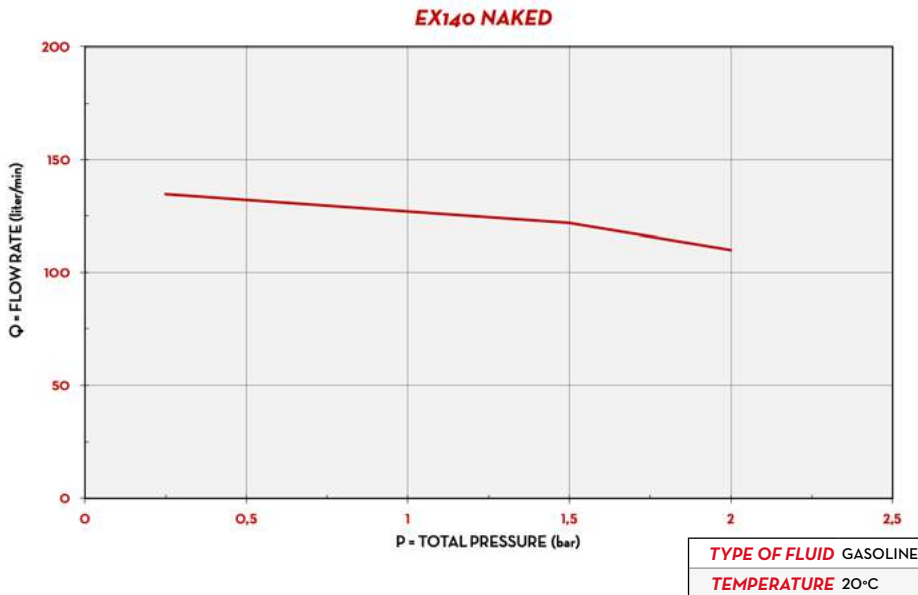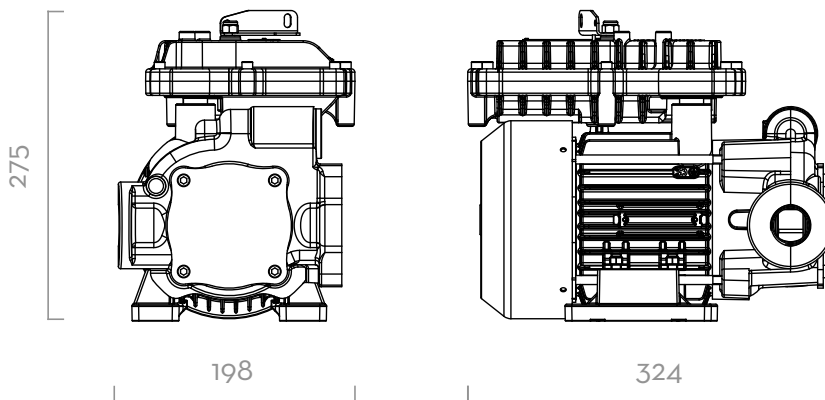
IN THE BOX

- EX140 PUMP
- PUMP FEET
- INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH

VANE ROTOR

BYPASS VALVE

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: TECHNOPOLYMER
- SEAL: VITON
- SHAFT: STEEL

DIMENSIONS

275

198

324

Dimensions expressed in millimeters

PUMP   > MAX 6M (20FT),
        > SUCTION HOSE Ø 1" MIN,
        > MAX SUCTION HEIGHT:
          - 2M (7FT) W/O NON RETURN VALVE
          - 4M (14FT) W NON RETURN VALVE   TANK

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			DUTY CICLE	RPM	INLET	OUTLET
			L/MIN	GPM	AC VOLT/HZ	POWER WATT	AMP. MAX.	CONTINUOUS		BSP	BSP
F00395010	EX 140 230/50	D G K	140	37	230/50	1150	5	YES	1450	1" 1/4	1"
F00395020	EX 140 250/50	D G K	140	37	250/50	1125	4,5	YES	1450	1" 1/4	1"
F00395030	EX 140 230/60	D G K	140	37	230/60	920	4	YES	1750	1" 1/4	1"

( ) UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY. THE PUMP CAN BE USED ONLY WITH THE FOLLOWING FLUIDS: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 15% , AVGAS 100/100LL, JET A/A1 - ASPEN 2/4

EX140

EX50 / EX75 DC

FEATURES

- **COMPACT AND STURDY DESIGN**
- **FLANGED COMPONENTS**
- **ANTI-NOISE FILTER**
- **THERMAL PROTECTION**
- **SUCTION UNIT WITH INTEGRATED FILTER (DRUM VERSION)**
- **UL LISTED MOTOR AVAILABLE**

The PIUSI EX50/EX75 DC is a transfer pump suitable for flammable fuels such as petrol, kerosene and diesel. It is fully compliant with ATEX/IECEx requirements for the usage in potentially explosive atmospheres. Designed to transfer flammable fluids from tanks of any type, this pump is available in DC version and is fitted with a bypass valve and can dispense up to 75 l/min, with reduced absorption to ensure a long life to the pump.

PERFORMANCE

UP TO **75 L/MIN**	**12V**
FLOW RATE	VOLTAGE POWER

Atex
Ex
II 2 G

CLASSIFIED c(UL)us

IEC Ex CES 12.0016X
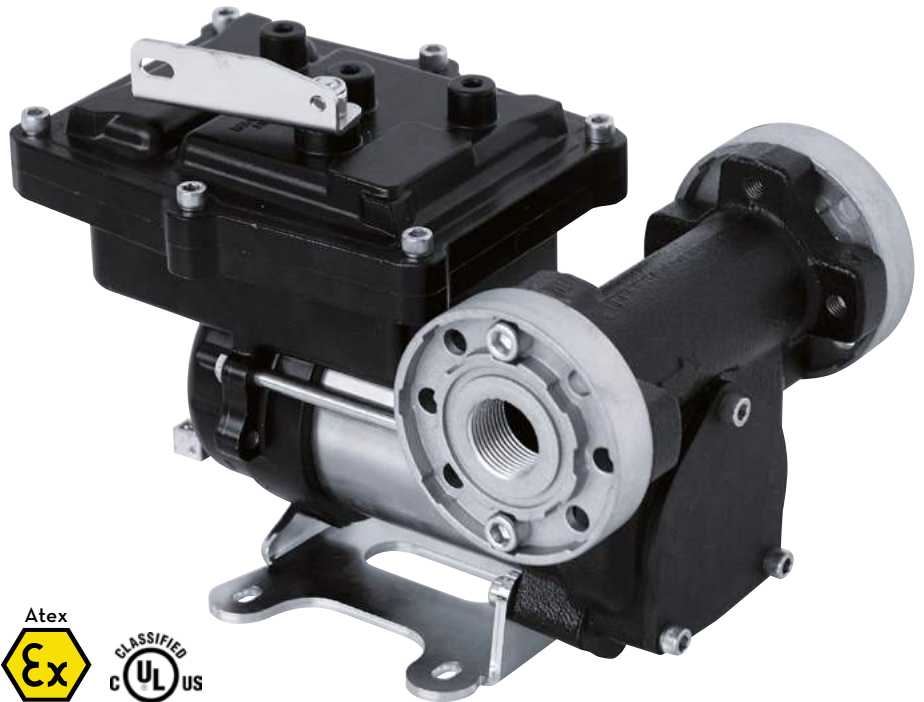
EX75 DC

OUR PUMPS COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEx

						EX50	EX75	EX50	EX75
II	**2**	**G**	**Ex**	**d**	**db**	**IIA**	**IIB**	**T4**	**Gb**
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD		GAS GLASS		TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F00371000	6,9	15,2	345X175X225	-	1	60	84
F00380000	8	17,8	350X185X260	-	1	60	84

A	A	Ad®	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

EX 50 / EX 75 DC

EX75 12VDC
EX50 12V DC

Q = FLOW RATE (liter/min)
P = TOTAL PRESSURE (bar)

TYPE OF FLUID GASOLINE
TEMPERATURE 20#C
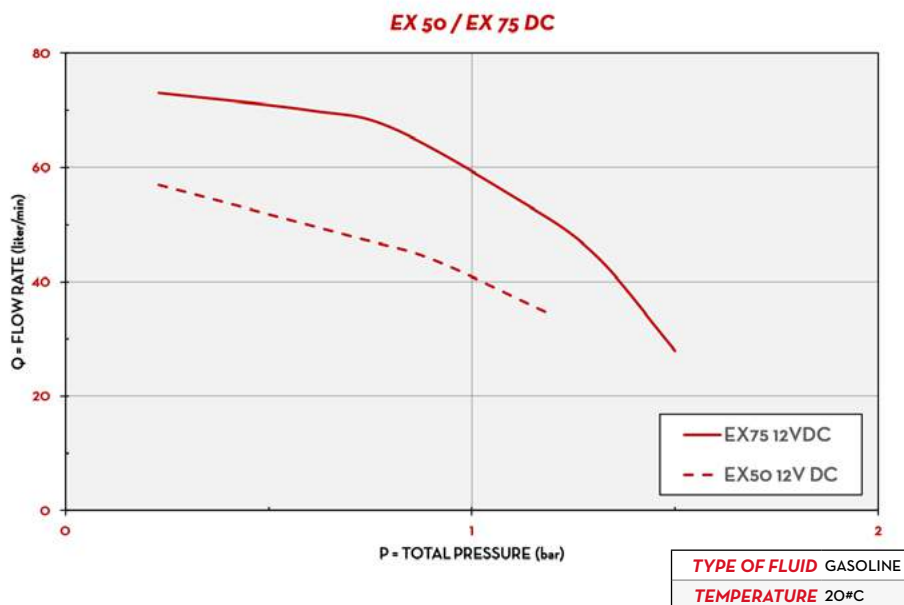
IN THE BOX

- EX50 / EX75 DC PUMP
- FLANGED CONNECTIONS
- INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH   FLANGED CONNECTIONS

DIMENSIONS

181

141   252

Dimensions expressed in millimeters

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: PPS
- SEAL: VITON
- SHAFT: STEEL

PUMP

> MAX 6M (20FT),
> SUCTION HOSE Ø 1" MIN,
> MAX SUCTION HEIGHT:
  - 2M (7FT) W/O NON RETURN VALVE
  - 4M (14FT) W NON RETURN VALVE

TANK

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			DUTY CICLE	RPM	OUTLET
			L/MIN	GPM	AC VOLT/HZ	POWER WATT	AMP. MAX.	MINUTES		BSP
F00371000	EX50 12V DC ATEX	D G K	50	13	12	250	21	30	2700	1"
F00380000	EX75 12V DC ATEX	D G K	75	19,8	12	240	20	30	2700	1"

( ) UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY. THE PUMP CAN BE USED ONLY WITH THE FOLLOWING FLUIDS: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 15% , AVGAS 100/100LL, JET A/A1 - ASPEN 2/4

EX50 / EX75 DC

PANTHER AC

FEATURES
- **COMPACT AND STURDY DESIGN**
- **READY TO USE**
- **EASY TO INSTALL**
- **INTEGRATED FILTER**

The PIUSI PANTHER AC is a versatile self-priming rotary electric vane transfer pump available in three versions (56 - 72 - 90) particularly suitable for dispensers, fixed fuel transferring system and other industrial applications. It is equipped with a by-pass valve and an incorporated filter to stop impurities.

PERFORMANCE

UP TO **90 L/MIN**	**AC** CONTINUOUS DUTY
FLOW RATE	POWER

PANTHER 56 (flanges not included)

PANTHER 72 - PANTHER 90 (flanges included)

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
PANTHER 56							
F00730000	7,4	16,3	345X175X255	-	1	60	84
000731000	7,4	16,3	345X175X255	-	1	60	84
000733000	7,4	16,3	345X175X255	-	1	60	84
PANTHER 72							
000732000	7,9	17,4	345X175X255	-	1	60	84
000735000	7,9	17,4	345X175X255	-	1	60	84
PANTHER 90							
F00733020	8,2	19,9	345X175X255	-	1	60	84

CHART

PANTHER AC

- - - PANTHER 56
——— PANTHER 72
········· PANTHER 90

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 20°C |
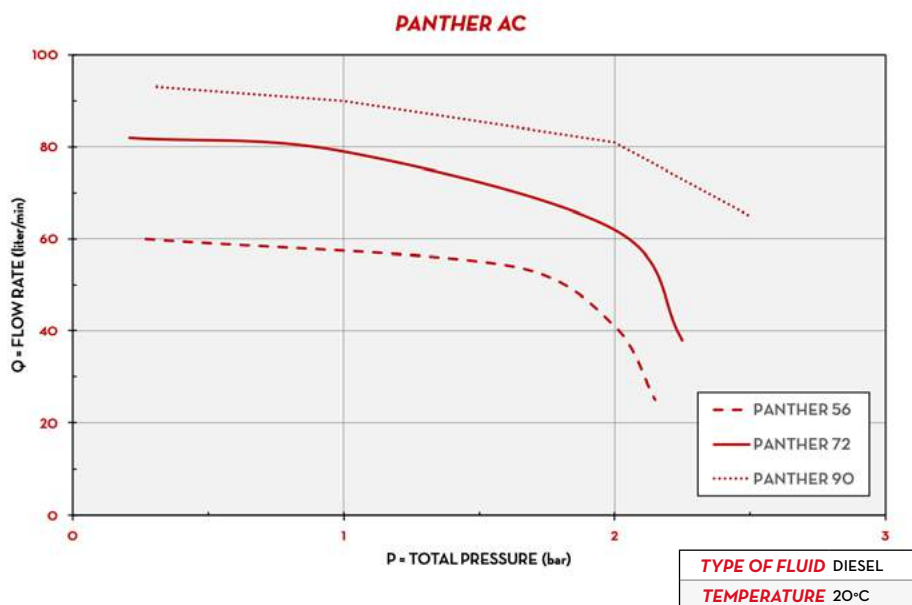
IN THE BOX

- PANTHER AC PUMP
- INSTRUCTION MANUAL

DETAILS

| VANE ROTOR | INTEGRATED FILTER |

DIMENSIONS

236

186 PANTHER 72
155 PANTHER 56

171

100

Dimensions expressed in millimeters

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: TECHNOPOLYMER
- SHAFT: STEEL

PUMP ← **TANK**

> MAX 6M (20FT),
> SUCTION HOSE Ø 1" MIN,
> MAX SUCTION HEIGHT:
   - 2M (7FT) W/O NON RETURN VALVE
   - 4M (14FT) W NON RETURN VALVE

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE				RPM	INLET OUTLET	FLANGE CONNECTION	BYPASS VALVE	INLET FILTER
			L/MIN	GPM	SINGLEPHASE MOTOR V./HZ	THREEPHASE MOTOR V./HZ	POWER WATT	AMP. MAX.		BSP			
PANTHER 56													
F00730000	PANTHER 56 230/50	D	56	15	230/50	-	350	3	2900	1"	-	YES	YES
000731000	PANTHER 56 230/60	D	68	18	230/60	-	500	3,9	3400	1"	-	YES	YES
000733000	PANTHER 56 400/50	D	56	15	-	400/50	500	1,3	2900	1"	-	YES	YES
PANTHER 72													
000732000	PANTHER 72 230/50	D	72	19	230/50	-	500	4,2	2900	1"	YES	YES	YES
000735000	PANTHER 72 400/50	D	72	19	-	400/50	500	1,6	2900	1"	YES	YES	YES
PANTHER 90													
F0073302A	PANTHER 90 230/50	D	90	23,8	230/50	-	700	4,9	2900	1"	YES	YES	YES

UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCY.
( ) EXCEPT PANTHER 90

PANTHER AC

VISCOMAT VANE

FEATURES

- *VERSATILITY*
- *MOBILE AND READY TO USE*
- *MULTIPURPOSE PUMP*
- *ADJUSTABLE BYPASS*

The PIUSI VISCOMAT VANE is an electric vane pump suitable for all those applications where it is necessary to apply a transfer system with high suction capacity in order to transfer fluids with low viscosity up to 500 cSt. The pump is fitted with an asynchronous and self-ventilating motor, closed and available in different voltages and frequencies in order to adapt to any working condition.

PERFORMANCE

UP TO **50 L/MIN**	**AC** CONTINUOUS DUTY
FLOW RATE	POWER

UP TO **500 CST**
VISCOSITY

VISCOMAT VANE

PACKAGING							
CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	⛴
VISCOMAT 70							
F003349OA	14,1	31,1	355X185X285	-	1	60	72
F003319OA	14,1	31,1	350X200X280	-	1	60	72
VISCOMAT 90							
F00303M00	14,1	31,1	350X200X280	-	1	60	72
000303000	14,1	31,1	350X200X280	-	1	60	72

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

INDEX

(A)	(A)	(Ad)	(B)	(D)	(F)	(G)	(G)	(K)	(O)	(W)	(W)
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

VISCOMAT VANE

- VISCOMAT VANE 70
- VISCOMAT VANE 90

TYPE OF FLUID	SAE 80W90
TEMPERATURE	17°C

DIMENSIONS

230

330

230

152
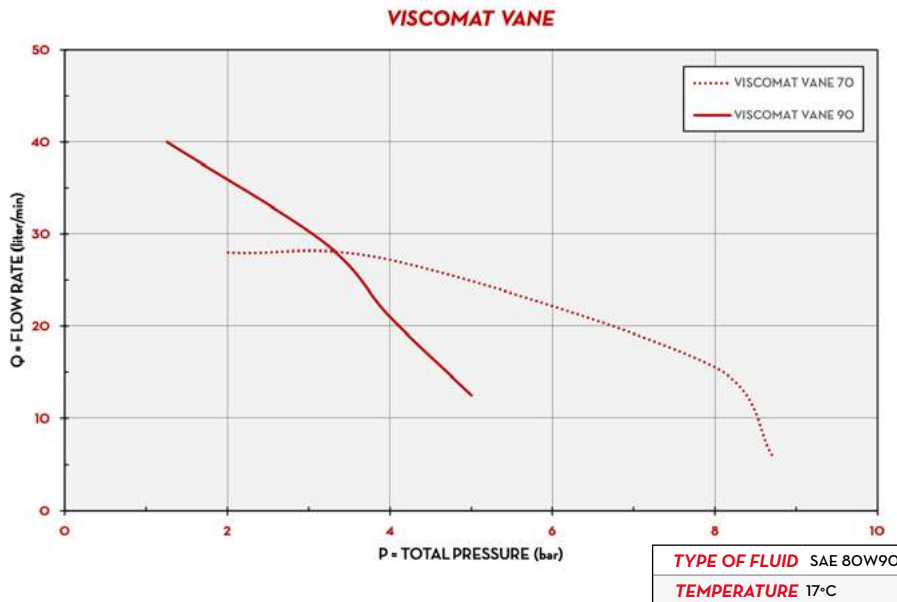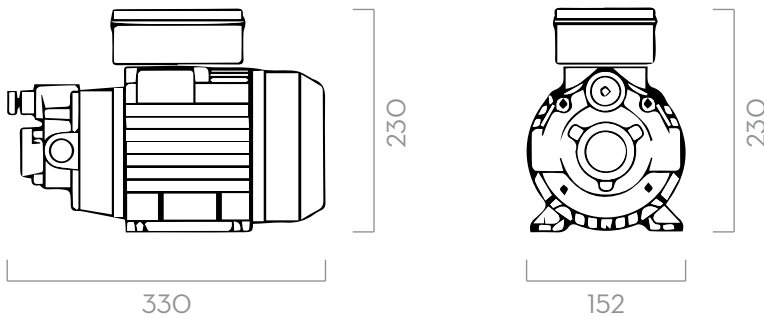
Dimensions expressed in millimeters

IN THE BOX

- VISCOMAT VANE PUMP
- INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH

VANE ROTOR

ADJUSTABLE BYPASS VALVE
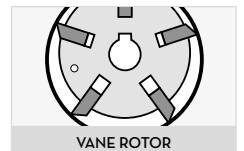
MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: TECHNOPOLYMER
- SHAFT: STEEL

PUMP ← ➤ SUCTION HOSE Ø 1" MIN,
➤ MAX SUCTION HEIGHT:
- 2M (7FT) W/O NO BACK VALVE
- 4M (14FT) W NO BACK VALVE TANK

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		PRESSURE		VOLTAGE				RPM	INLET OUTLET	ADJUSTABLE BYPASS VALVE
			L/MIN	GPM	BAR	PSI	SINGLEPHASE MOTOR V./HZ	THREEPHASE MOTOR V./HZ	POWER WATT	AMP. MAX.		BSP	
VISCOMAT 70													
F0033490A	VISCOMAT 70 M 230/50-60	D O B	25	7	6	85	230/50-60	-	1200/1100	5,5 - 5,1	1470/1650	1"	YES
F0033190A	VISCOMAT 70 T 400/50-60	D O B	25	7	6	85	-	400/50 - 400/60	650/1000	2,2 - 3,1	1450/1750	1"	YES
VISCOMAT 90													
F00303M00	VISCOMAT 90 M 230/50-60	D O B	50	13	5	71	230/50-60	-	1350/1600	6,2 - 4,9	1400/1600	1"	NO
000303000	VISCOAMT 90 T 400/50	D O B	50	13	5	71	-	400/50	2000	5	1450	1"	YES

UPON REQUEST IT IS AVAILABLE WITH DIFFERENT VOLTAGE AND FREQUENCY

VISCOMAT VANE

E80 / E120

FEATURES

- **VERSATILITY**
- **STURDY STRUCTURE**
- **LONG LASTING**
- **REASY TO USE**
- **THERMAL PROTECTION**

The PIUSI E80 and E120 are self-priming rotary electric vane pumps, com-pact and easy to install, suitable to meet all those use requirements needing a high-performance and long lasting product. The sturdy structure along with the thermal protection and the top-quality components allow its use at low working temperatures.

PERFORMANCE

UP TO **100 L/MIN**	**AC** CONTINUOUS DUTY
FLOW RATE	POWER
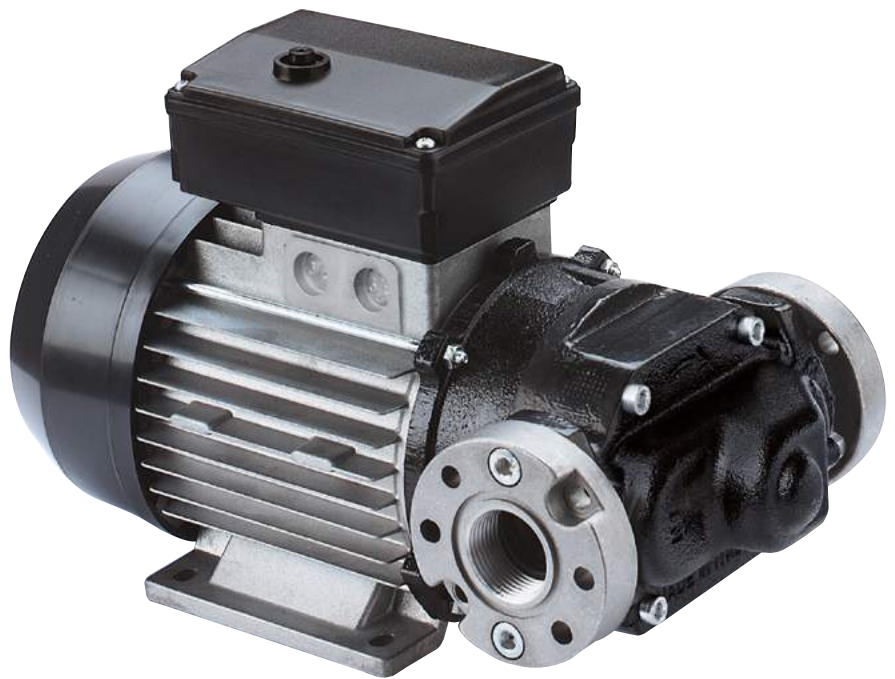
E80/E120

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
E80							
000305000	13	28,7	355X185X285	-	1	60	72
000307000	13	28,7	355X185X285	-	1	60	72
E120							
000326000	15,6	34,4	355X185X285	-	1	60	72
000312000	15,6	34,4	355X185X285	-	1	60	72

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

PIUSI®

INDEX

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

E80 - E120

TYPE OF FLUID	DEISEL
TEMPERATURE	15°C

DIMENSIONS

E80

250
176
200 M / 180 T
315
112

E120

277
176
230 M / 195 T
342
125

Dimensions expressed in millimeters
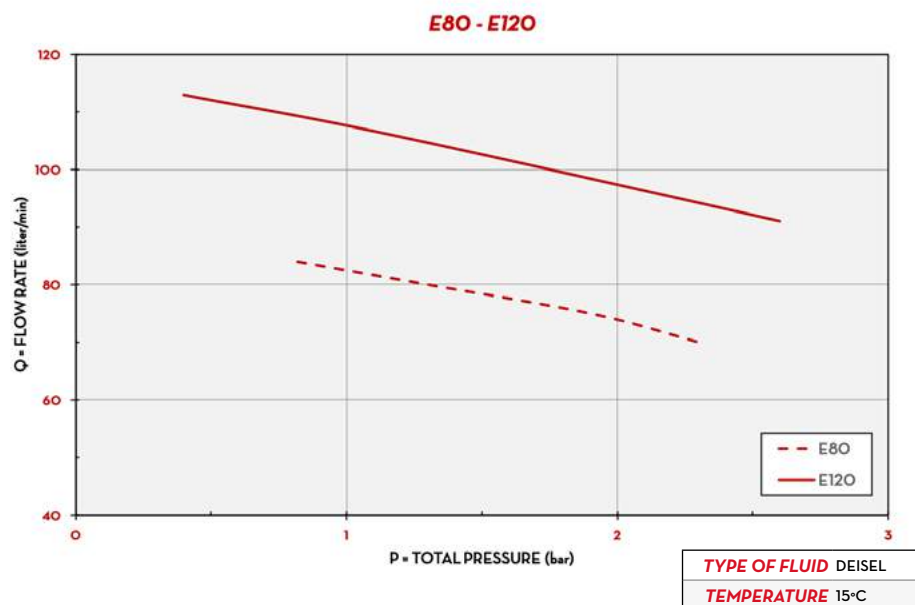
IN THE BOX

- E80/E120 PUMP
- FLANGED CONNECTION
- INSTRUCTION MANUAL

DETAILS

VANE ROTOR

FLANGED CONNECTION

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: ACETAL RESIN
- SEAL: VITON
- SHAFT: STEEL

PUMP ← TANK

> MAX 6M (20FT),
> SUCTION HOSE Ø 1" MIN,
> MAX SUCTION HEIGHT:
  - 2M (7FT) W/O NON RETURN VALVE
  - 4M (14FT) W NON RETURN VALVE

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE				RPM	INLET OUTLET	FLANGE CONNECTION	BYPASS VALVE	INLET FILTER
			L/MIN	GPM	SINGLEPHASE MOTOR V./HZ	THREEPHASE MOTOR V./HZ	POWER WATT	AMP. MAX.		BSP			
E 80													
000305000	E 80 M	D	70	18	230/50	-	500	3,5	1400	1"	YES	YES	NO
000307000	E 80 T	D	70	18	-	400/50	550	1,6	1450	1"	YES	YES	NO
E 120													
000326000	E 120 M	D	100	26	230/50	-	750	5,7	1450	1"	YES	YES	NO
000312000	E 120 T	D	100	26	-	400/50	750	2,2	1450	1"	YES	YES	NO

E80 / E120

E140

FEATURES

- **CONTINUOUS DUTY**
- **HIGH FLOW RATE**
- **HEAVY DUTY PUMP**
- **STURDY DESIGN**

The E140 diesel transfer pump is versatile and suitable for different industries including automotive, agriculture, transportation, garages and construction. The E140 volumetric, self-priming vane pump for diesel transfer has a high seal and is reliable in conditions of use at low temperatures. With its solid and resistant body, the E140 is an easy to install diesel transfer pump, suitable for use in diesel dispensers and fixed fuel transfer systems, as well as other industrial applications. The compact cast iron structure makes the E140 electric pump the perfect system for performance and reliability.

PERFORMANCE

UP TO **140 L/MIN**	**AC** *VOLTAGE*
FLOW RATE	POWER

E140

PACKAGING							
CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F00395060	18	40	350X250X300	14X10X12	1	60	72
F00395050	18	40	350X250X300	14X10X12	1	60	72

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

PIUSI®

INDEX

| A | A | Ad | B | D | F | G | G | K | O | W | W |
| AIR | ANTIFREEZE | AdBlue® | BIODIESEL | DIESEL | FOOD | GASOLINE | GREASE | KEROSENE | OIL | WATER | WINDSCREEN |

CHART

E140

TYPE OF FLUID   DIESEL
TEMPERATURE   20°C

DIMENSIONS

229

198

316

Dimensions expressed in millimeters
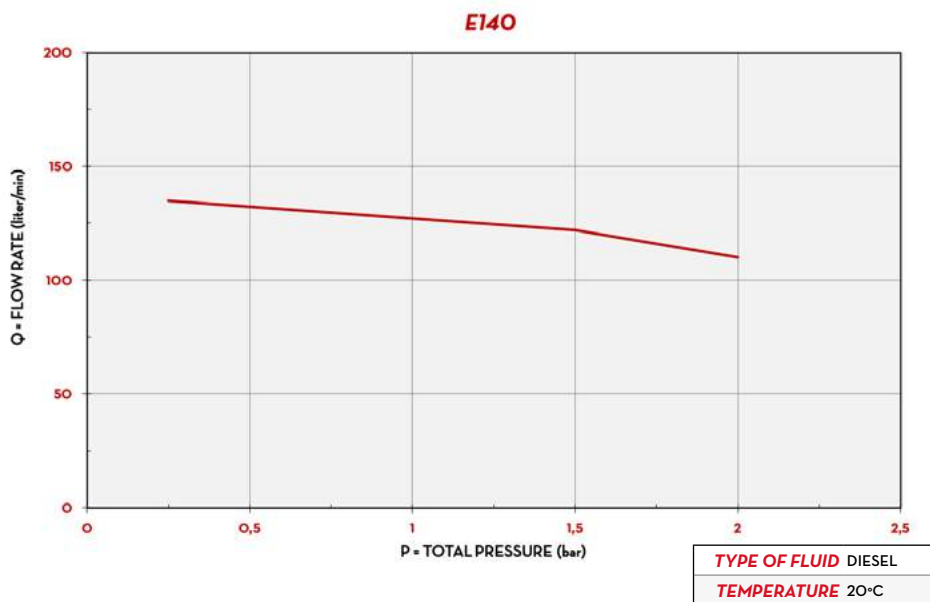
IN THE BOX

- E140 PUMP
- INSTRUCTION MANUAL
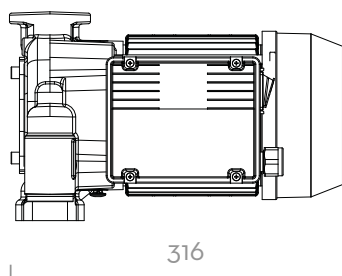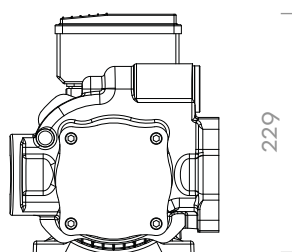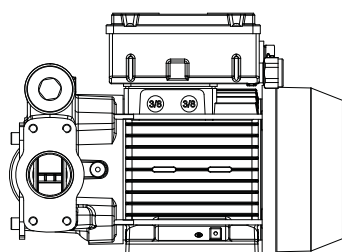
DETAILS

ON/OFF SWITCH

VANE ROTOR

BYPASS VALVE

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: TECHNOPOLYMER
- SEAL: VITON
- SHAFT: STEEL

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			DUTY CICLE	RPM	INLET	OUTLET
			L/MIN	GPM	AC VOLT/HZ	POWER WATT	AMP. MAX.	CONTINUOUS		BSP	
F00395060	E 140 250/50	D	140	37	250/50	1150	5	S1	1450	1" 1/4	1"
F00395050	E 140 230/50	D	140	37	230/50	1150	5	S1	1450	1" 1/4	1"

E140

E300

FEATURES

- **HIGH-FLOW PUMP**
- **STURDY STRUCTURE**
- **HEAVY DUTY APPLICATION**
- **IP44**

The PIUSI E300 is an electric pump with open impeller suitable for all applications in which high-flows are required. Thus, it is the ideal equipment for topping up and transferring diesel from drums. It comes with an incorporated check valve in the suction port to prevent the siphon effect while ensuring automatic re-priming.

PERFORMANCE

UP TO **550 L/MIN** FLOW RATE	**AC** CONTINUOUS DUTY POWER
1,8 BAR MAX OPERATING PRESSURE	
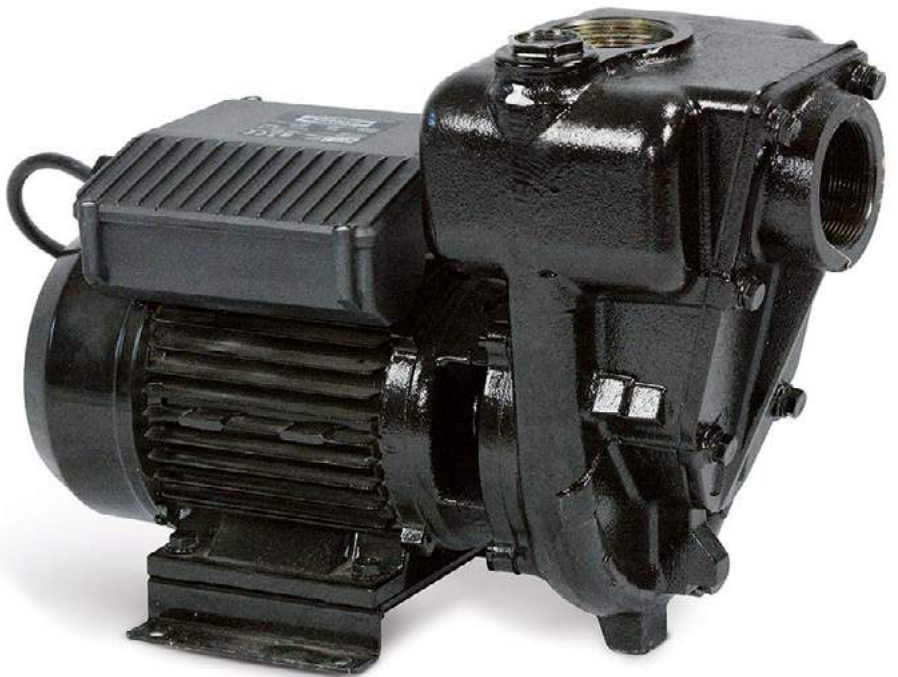
E300

PACKAGING					
CODE	**WEIGHT**		**PACKAGING**		
	KG	LBS	MM	INCH	PCS/BOX
F00321000	28	61,7	220X420X330	8,7X16,5X13	1

FILTRATION TANK MONITORING HOSE REEL ACCESSORIES MERCHANDISE

INDEX

A AIR | A ANTIFREEZE | Ad AdBlue® | B BIODIESEL | **D DIESEL** | F FOOD | G GASOLINE | G GREASE | K KEROSENE | O OIL | W WATER | W WINDSCREEN

CHART

E300

TYPE OF FLUID	DIESEL
TEMPERATURE	10°C

DIMENSIONS

193 | 122 | 302 | 185 | 412 | 240
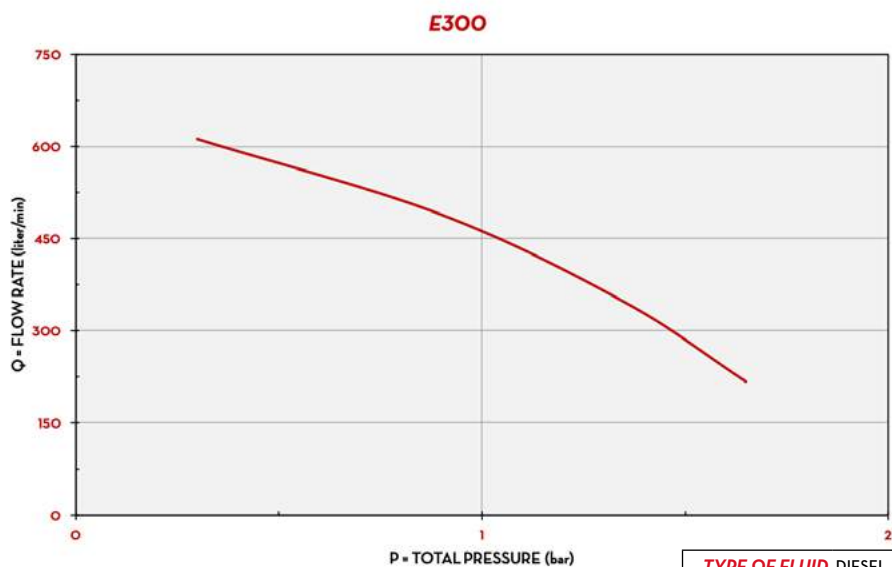
Dimensions expressed in millimeters

IN THE BOX

- E300 PUMP
- INSTRUCTION MANUAL

DETAILS

OPEN IMPELLER | 2" IN/OUT CONNECTIONS | STEADY SUPPORT
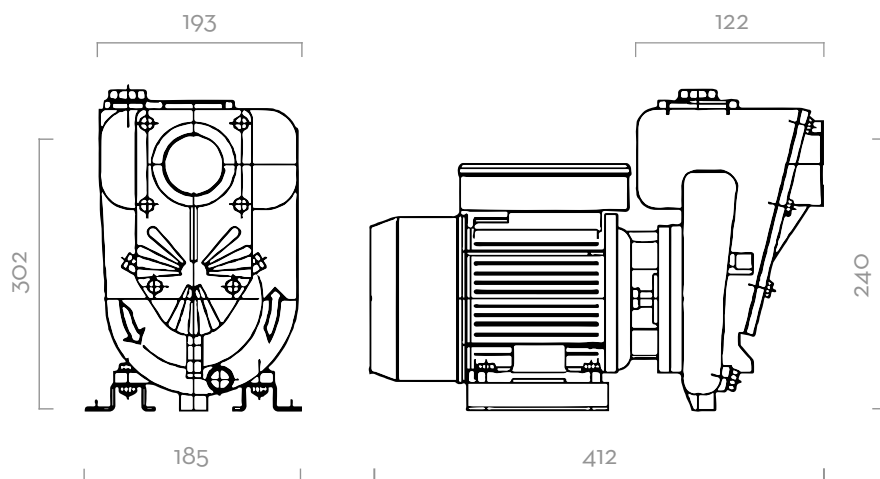
MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: ACETAL RESIN
- SEAL: VITON
- SHAFT: STEEL

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE L/MIN	GPM	AC VOLT/HZ	POWER WATT	AMP. MAX.	RPM	INLET OUTLET BSP
F00321000	E 300	D	550	132	230/50	1500	9,2	2580	2"

E300

BP3000

FEATURES

- **VERSATILE**
- **ON BOARD APPLICATION**
- **EMC COMPATIBILITY**
- **VIBRATION RESISTANT**
- **IP55**

The PIUSI BP3000 is a long-lasting, self-priming vane pump. Powerful, versatile and compact, it is equipped with a built-in by-pass valve. Available in both 12V and 24V versions, it represents the core of the PIUSI range of pumps for on-board applications, particularly in the off-road and earthmoving machinery industry.

PERFORMANCE

UP TO **50 L/MIN**	**DC** VOLTAGE
FLOW RATE	POWER
30 MIN	UP TO **4MT**
DUTY CICLE	SELF-PRIMING

BP3000 INLINE

BP3000
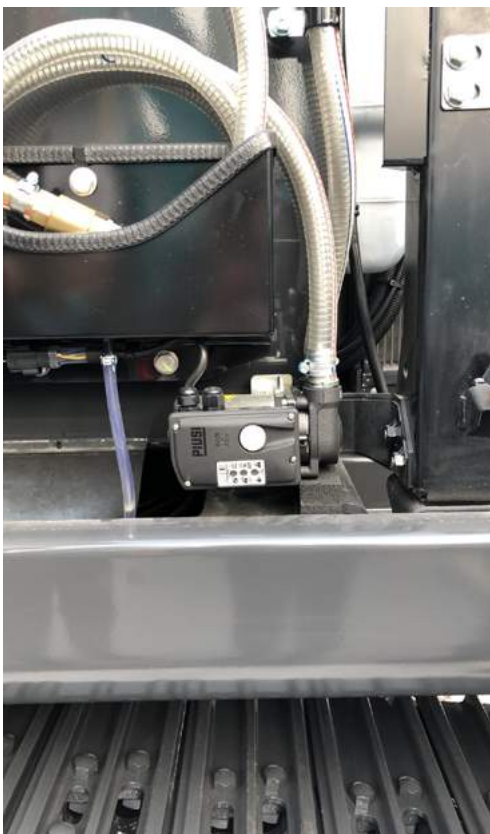
PACKAGING					
CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00342000	3,5	7,9	200X120X140	7,9X4,7X5,5	1
F00347000	3,5	7,9	200X120X140	7,9X4,7X5,5	1
F00357000	3,5	7,9	200X120X140	7,9X4,7X5,5	1
F00357500	3,5	7,9	200X120X140	7,9X4,7X5,5	1
F00358000	3,5	7,9	200X120X140	7,9X4,7X5,5	1
F00358500	3,5	7,9	200X120X140	7,9X4,7X5,5	1

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

INDEX

A AIR | A ANTIFREEZE | Ad AdBlue® | B BIODIESEL | **D DIESEL** | F FOOD | G GASOLINE | G GREASE | K KEROSENE | O OIL | W WATER | W WINDSCREEN

CHART

BP3000

TYPE OF FLUID	DIESEL
TEMPERATURE	20°C
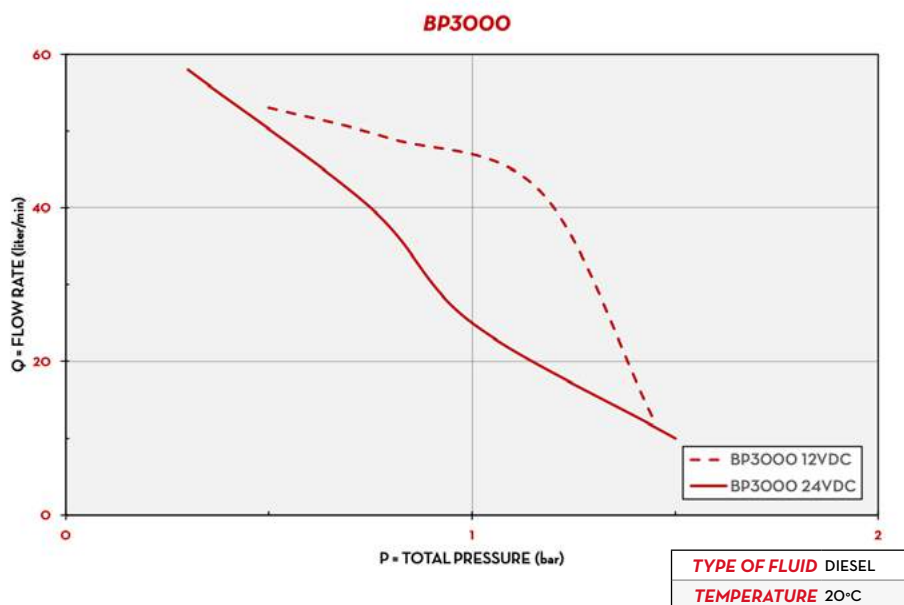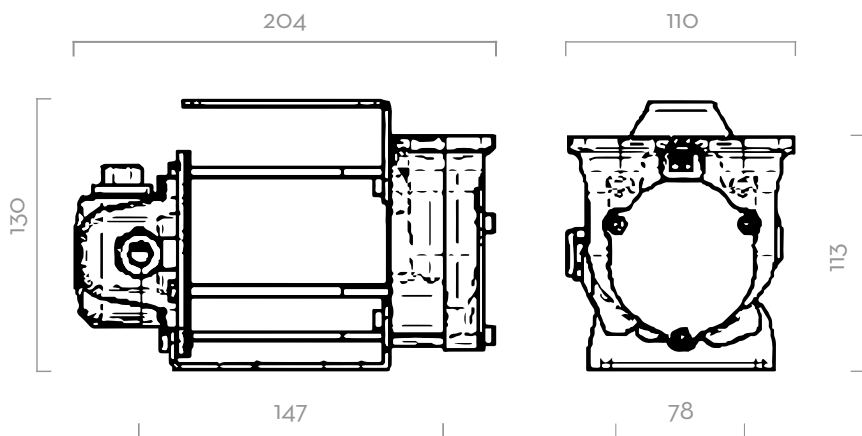
IN THE BOX

- BP3000 PUMP
- INSTRUCTION MANUAL

DETAILS

VANE ROTOR | IN-LINE VERSION AVAILABLE

CONNECTION KIT (pag. 124)

DIMENSIONS

204 | 110
130 | 113
147 | 78

Dimensions expressed in millimeters

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: ACETAL RESIN
- SEAL: NBR
- SHAFT: STEEL

BOMBA
> MÁX. 6 M (20 FT),
> MANGUERA DE SUCCIÓN Ø 1" MÍN.,
> ALTURA MÁX. DE SUCCIÓN:
  - 2M (7FT) SIN VÁLVULA ANTIRRETORNO
  - 4M (14FT) CON VÁLVULA ANTIRRETORNO

DEPÓSITO

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			DUTY CICLE	RPM	THREADED PORTS BSP	MAX WORKING PRESSURE BAR
			L/MIN	GPM	DC VOLT	POWER WATT	AMP. MAX.	MINUTES			
F00342000	BP3000 12V	D	50	13	12	300	24	30	2900	-	1,5
F00347000	BP3000 24V	D	50 / 30	13 / 6	24/12	310 / 80	13 / 6,5	30	2900 / 1500	-	1,5
F00357000	BP3000 12V INLINE	D	50	13	12	300	24	30	2900	-	1,5
F00357500	BP3000 12V INLINE 3/4' BSP	D	50	13	12	300	24	30	2900	3/4"	1,5
F00358000	BP3000 24V INLINE	D	50 / 30	13 / 6	24/12	310 / 80	13 / 6,5	30	2900 / 1500	-	1,5
F00358500	BP3000 24V INLINE 3/4' BSP	D	50 / 30	13 / 6	24/12	310 / 80	13 / 6,5	30	2900 / 1500	3/4"	1,5

BP3000

PANTHER DC

FEATURES

- **STURDY STRUCTURE**
- **EASY TO INSTALL**
- **COMPACT DESIGN**
- **IP55**

The PANTHER DC is a rotary, self-priming vane pump suitable for all applications in which important flow rates are required. This equipment is fitted with an incorporated filter (100μ) and by-pass valve. The 24/12 V version can be used with both voltages.

PERFORMANCE

UP TO **70 L/MIN**	**12/24V** VOLTAGE
FLOW RATE	POWER

30 MIN
DUTY CICLE

PANTHER DC

PACKAGING					
CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F0034000B	7,5	16,5	345X175X255	13,6X6,9X10	1
F0034001B	7,5	16,5	345X175X255	13,6X6,9X10	1
F0034100C	7,5	16,5	345X175X255	13,6X6,9X10	1
F0034101C	7,5	16,5	345X175X255	13,6X6,9X10	1
F0034116C	7,5	16,5	345X175X255	13,6X6,9X10	1

CHART

PANTHER DC

- - - PANTHER 12VDC
—— PANTHER 24VDC

Q = FLOW RATE (liter/min)

P = TOTAL PRESSURE (bar)

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 22°C |
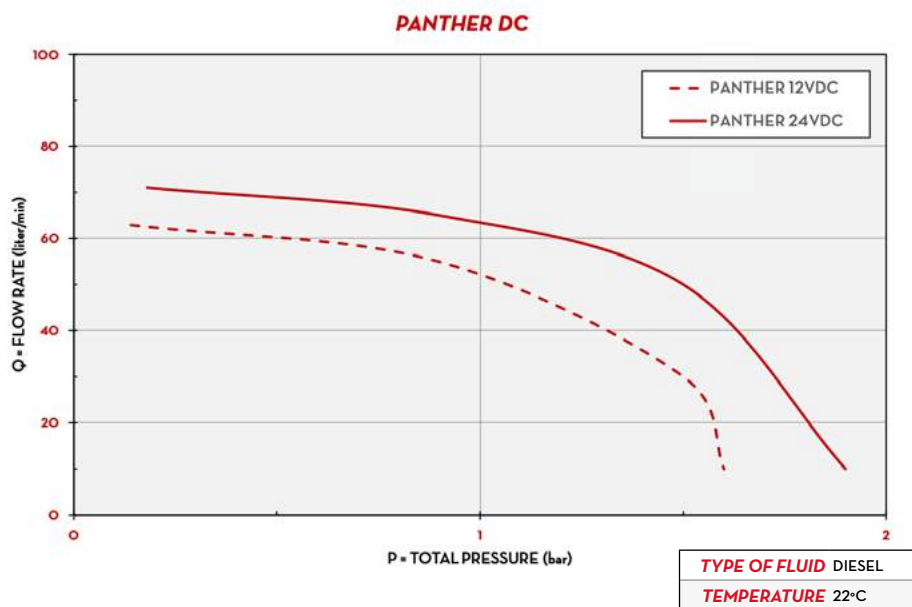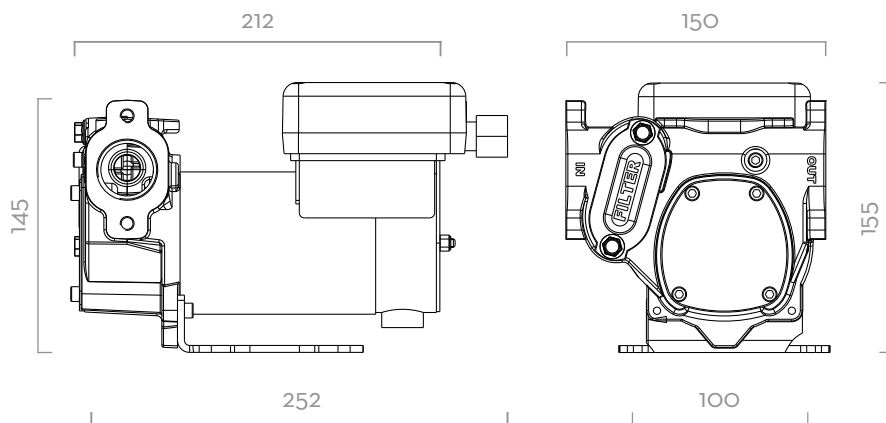
IN THE BOX

- PANTHER DC PUMP
- INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH

1" BSP THREADED

INTEGRATED FILTER

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: ACETAL RESIN
- MOTOR: ALUMINIUM CASING

DIMENSIONS

212
150
145
155
252
100

PUMP

> MAX 6M (20FT),
> SUCTION HOSE Ø 1" MIN,
> MAX SUCTION HEIGHT:
  - 2M (7FT) W/O NON RETURN VALVE
  - 4M (14FT) W NON RETURN VALVE

TANK

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			DUTY CICLE	RPM	OUTLET
			L/MIN	GPM	DC VOLT	POWER WATT	AMP. MAX.	MINUTES		BSP
F0034000B	PANTHER DC 12V	D	56	14,8	12	300	35	30	2900	1"
F0034001B	PANTHER DC 12V W/CABLE 2MT W/PLIERS	D	56	14,8	12	300	35	30	2900	1"
F0034100C	PANTHER DC 24/12V	D	70 / 35	18,5 / 9,2	24/12	420 / 150	25 / 16	30	3600 / 1800	1"
F0034101C	PANTHER DC 12/24V W/CABLE 2MT W/CLIPS	D	70 / 35	18,5 / 9,2	24/12	420 / 150	25 / 16	30	3600 / 1800	1"
F0034116C	PANTHER DC 12/24V W/CABLE 4MT W/CLIPS	D	70 / 35	18,5 / 9,2	24/12	420 / 150	25 / 16	30	3600 / 1800	1"

PANTHER DC

BIPUMP

FEATURES

- **STURDY STRUCTURE**
- **COMPACT DESIGN**
- **HEAVY DUTY**
- **HIGH RELIABILITY**
- **IP55**

The PIUSI BIPUMP is a diesel transfer pump, available both in 12 and 24 V versions, designed to meet the needs of those who are looking for a long-lasting quality, high flow rate pump, applicable to different industries. It is easy to install and is suitable for being applied on diesel dispensers and fixed fuel transfer systems, as well as other applications.

PERFORMANCE

UP TO **85 L/MIN**	**12/24V** VOLTAGE
FLOW RATE	POWER

30 MIN
DUTY CICLE
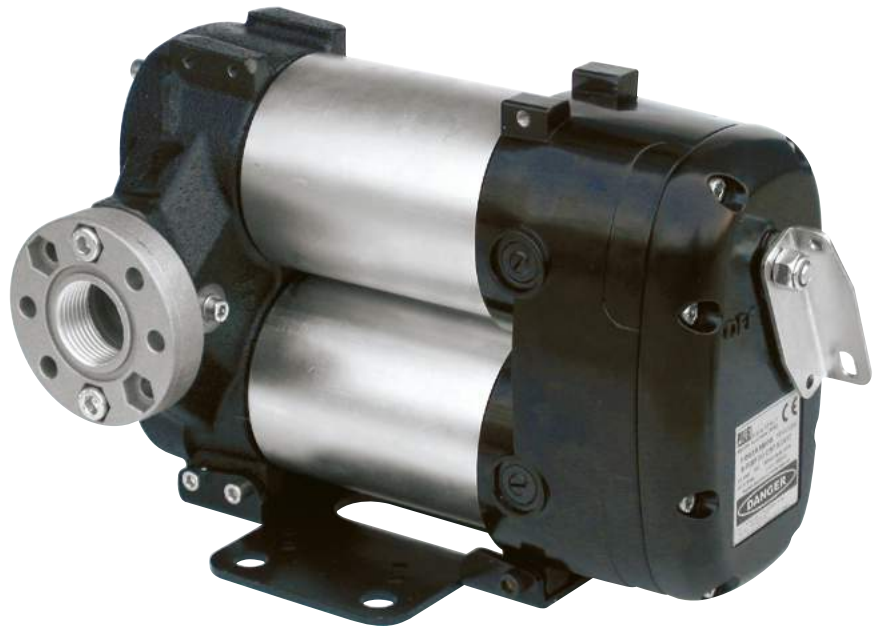
BIPUMP
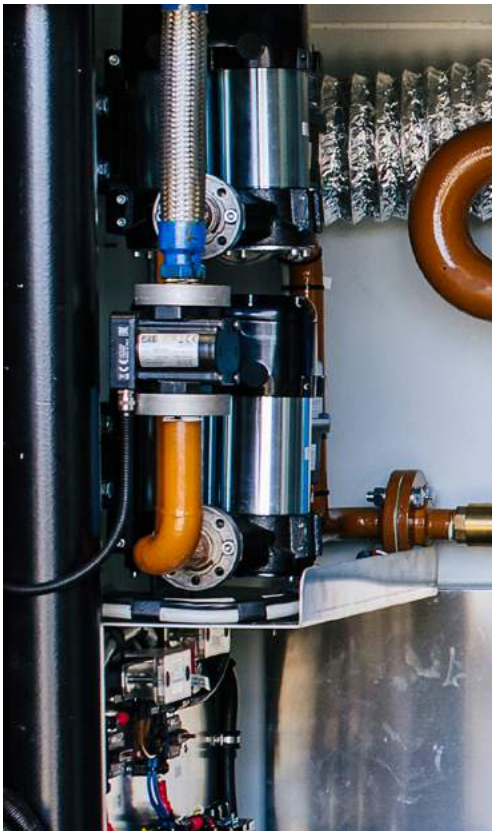
PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F00363A0A	9,9	21,8	345X175X255	-	1	60	72
F00363B0A	9,9	21,8	345X175X255	-	1	60	72
F0036301A	9,9	21,8	345X175X255	-	1	60	72
F0036302A	9,9	21,8	345X175X255		1	60	72
F0036303A	9,9	21,8	345X175X255	-	1	60	72
F0036304A	9,9	21,8	345X175X255	-	1	60	72
F0036321A	9,9	21,8	345X175X255	-	1	60	72
F0036338O	9,9	21,8	345X175X255	-	1	60	72

CHART

BIPUMP

- - - BIPUMP 12VDC
——— BIPUMP 24VDC

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 15°C |
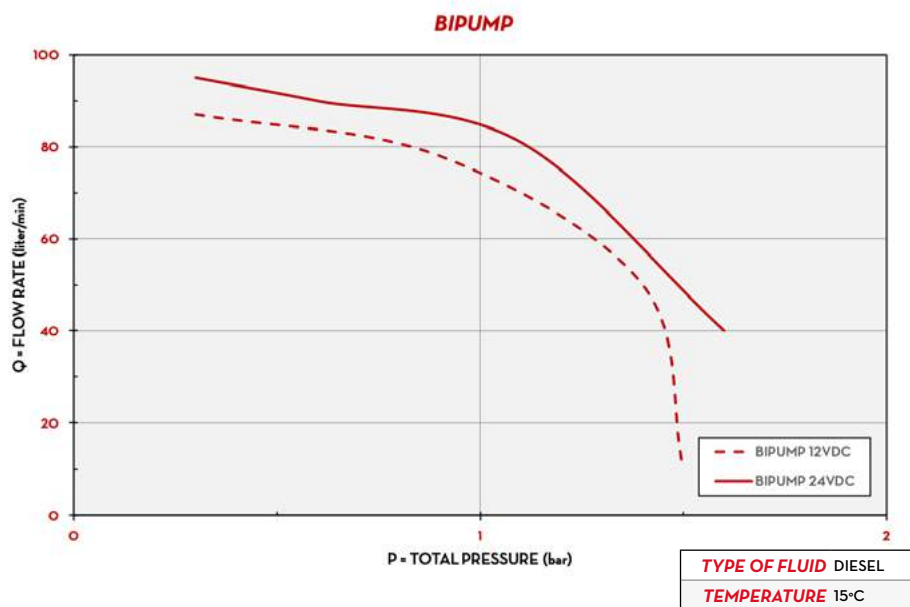
IN THE BOX

- BIPUMP UNIT
- FLANGED CONNECTIONS
- INSTRUCTION MANUAL

DETAILS

ON/OFF SWITCH　　　FLANGED CONNECTIONS

DIMENSIONS

186　　　103

191　　289　　186

Dimensions expressed in millimeters

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: ACETAL RESIN
- SEAL: NBR
- SHAFT: STEEL

PUMP ← TANK

> MAX 6M (20FT),
> SUCTION HOSE Ø 1" MIN,
> MAX SUCTION HEIGHT:
  - 2M (7FT) W/O NON RETURN VALVE
  - 4M (14FT) W NON RETURN VALVE

TECHNICAL DATA

| CODE | DESCRIPTION | FLUIDS TYPE | FLOW RATE | | VOLTAGE | | | DUTY CICLE | RPM | OUTLET |
			L/MIN	GPM	DC VOLT	POWER WATT	AMP. MAX.	MINUTES		BSP
F00363A0A	BIPUMP 12V WITH ON/OFF SWITCH	D	85	22,4	12	500	42	30	2000	1"
F00363B0A	BIPUMP 24V WITH ON/OFF SWITCH	D	85	22,4	24	500	21	30	2000	1"
F0036301A	BIPUMP 12V WITH CABLE 2M	D	85	22,4	12	500	42	30	2000	1"
F0036302A	BIPUMP 12V WITH CABLE 4M	D	85	22,4	12	500	42	30	2000	1"
F0036303A	BIPUMP 24V WITH CABLE 2M	D	85	22,4	24	500	21	30	2000	1"
F0036304A	BIPUMP 24V WITH CABLE 4M	D	85	22,4	24	500	21	30	2000	1"
F0036321A	BIPUMP 12/24 WITHOUT ON/OFF SWITCH	D	85	22,4	12/24	500/500	42/21	30/30	2000	1"
F0036338O	BIPUMP 12V W/SWITCH W/CABLE 6M	D	85	22,4	12	500	42	30	2000	1"

BIPUMP

PIUSI HAND PUMP

FEATURES

- **OPTIMIZED SUCTION CAPACITY**
- **STURDY CONNECTOR**
- **HEAVY DUTY LEVER**
- **FLUENT REVOLUTION**
- **HIGH EFFICIENCY**
- **ADJUSTABLE SUCTION PIPE**

The PIUSI HAND PUMP is a rotary vane pump suitable for transferring low viscosity oils and diesel. Entirely designed, manufactured and certified in Italy, this sturdy pump guarantees a professional performance and easy transfer.

PERFORMANCE

UP TO **38L** PER 100 REVOLUTIONS FLOW RATE	**3MT** LENGTH DELYVERY HOSE

PIUSI HAND PUMP WITH HOSE AND STAINLESS STEEL SPOUT

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
WITHOUT HOSE							
F0033250A	2,1	4,6	350X170X140	-	1	50	100
WITH HOSE							
F0033252A	3,2	7	300X300X180	-	1	50	100

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

PIUSI ®

INDEX

A A Ad B **D** F G G K **O** W W
AIR ANTIFREEZE AdBlue® BIODIESEL DIESEL FOOD GASOLINE GREASE KEROSENE OIL WATER WINDSCREEN

CHART

PIUSI HAND PUMP

| TYPE OF FLUID | SAE10W40 |
| TEMPERATURE | 23°C |
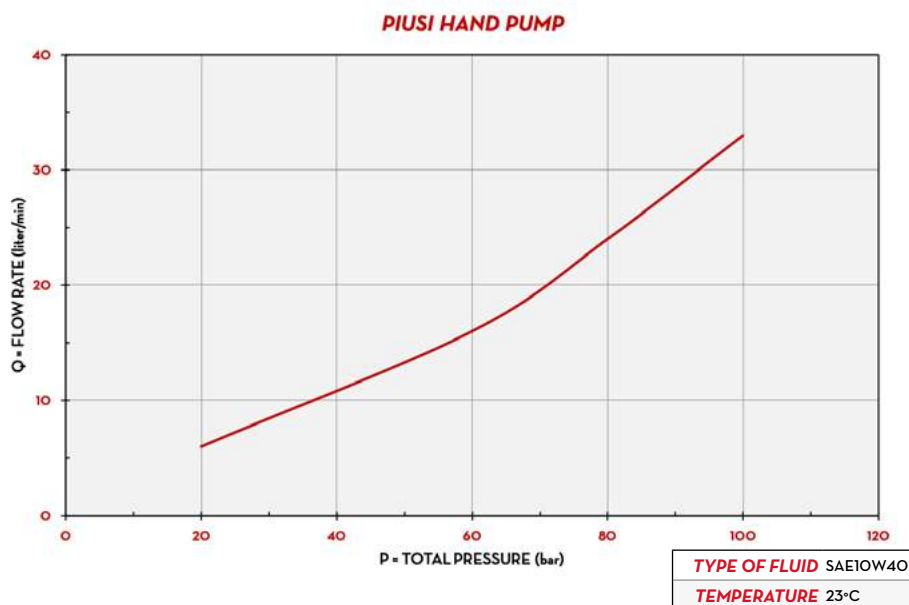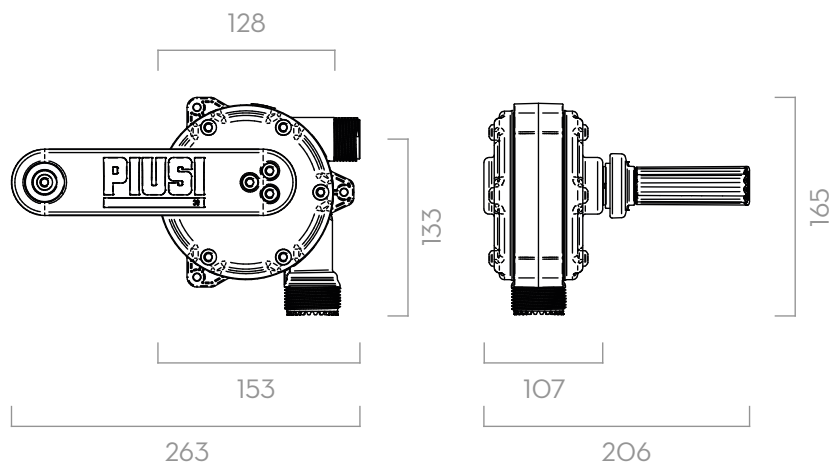
IN THE BOX

- PIUSI HAND PUMP
- SPOUT
- SUCTION PIPE
- DRUM CONNECTOR
- INSTRUCTION MANUAL

DETAILS

2" BSP DRUM CONNECTOR

SUCTION PIPE

NON-SLIP HANDLE

STAINLESS STEEL SPOUT

MATERIALS

- BODY: STAINLESS STEEL, TECHONOPOLYMER
- ROTOR: TECHNOPOLYMER
- VANES: TECHNOPOLYMER

DIMENSIONS

128
133
153
263
165
107
206

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	CAPACITY PER 100 REVOLUTIONS		DRUM CONNECTOR	SUCTION TUBE	"S" SPOUT AND HOSE TAIL	DELIVERY HOSE LENGTH
			L	USG				
WITHOUT HOSE								
F00332S0A	PIUSI HAND PUMP 2" BSP	D O	38	10	2" BSP	YES	YES	-
WITH HOSE								
F0033252A	KIT PIUSI HAND PUMP 2" BSP WITH HOSE	D O	38	10	2" BSP	YES	-	3M

PIUSI HAND PUMP

HAND PUMPS

FEATURES

- **STURDY CONNECTOR**
- **SUCTION PIPE INCLUDED**
- **MULTI-PURPOSE PUMPS**

Besides the top-quality Hand Pump, PIUSI offers a range of HAND PUMPS with different characteristics - piston or rotary - and fittings to transfer fluids from drums.

PERFORMANCE

UP TO **90L** PER 100 REV	UP TO **1100MM** LENGTH
FLOW RATE	SUCTION HOSE

PM GPI PISTON

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	⛴
F0031600A	5,3	11,7	465X395X240	-	1	30	40
F0033200B	5,6	12,3	340X160X125	-	1	120	144
F0033201B	5,3	11,7	465X395X240	-	1	120	144
F0034900A	3,0	6,6	600X110X65	-	1	160	240
F0035100A	3,0	6,6	300X150X105	-	1	160	200

A	A	Ad®	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

IN THE BOX

- ROTARY/PISTON PUMP
- SUCTION TUBE
- CONNECTOR/ADAPTOR
- SPOUT/DELIVERY HOSE
- INSTRUCITON MANUAL

PISTON HAND PUMP

CAST IRON ROTATIVE

DETAILS

NON-SLIP HANDLE

ALUMINIUM ROTATIVE

PISTON HAND PUMP

MATERIALS

- BODY: IRON/STAINLESS STEEL/ALUMINIUM

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	CAPACITY L / 100REV	INLET / OUTLET	SUCTION HOSE LENGTH MM
F0031600A	PM GPI PISTON	O D G K	90	1-3/4" NPT	1100
F0033200B	ALUMINIUM ROTATIVE HAND PUMP	O D G K	27	M32 X 1,5 - M25 X 1,5	960
F0033201B	CAST IRON ROTATIVE HAND PUMP	D O	25	M32 X 1,5 - M25 X 1,5	960
F0034900A	PISTON HAND PUMP 25 L/M	D O	25	END HOSE Ø 20	880
F0035100A	PISTON HAND PUMP 35 L/M	D O	35	END HOSE Ø 20	880

HAND PUMPS

PUMPS
ACCESSORIES

EX50	CODE	DESCRIPTION
	F1862600A	(EX)CABLE+CABLEGLAND ECEX EX50 12V
	F1815600B	(EX) ADAPTER FOR CONDUIT EX50

F1815600B   F1862600A

EX100	CODE	DESCRIPTION
	F21770000	BUNG ADAPTER 2" BSP COMPLETE
	F22436010	ANTISIPHONE KIT FOR EX100/EX140/E140 BSP
	F22053000	MOTOR SUPPORT FEET EX80/100/140

F22436010   F22053000   F21770000

EX140	CODE	DESCRIPTION
	F21770000	BUNG ADAPTER 2" BSP COMPLETE
	F22436010	ANTISIPHONE KIT FOR EX100/EX140/E140 BSP
	F22053000	MOTOR SUPPORT FEET EX80/100/140

F22436010   F22053000   F21770000

HAND PUMPS

PIUSI HAND PUMP	CODE	DESCRIPTION
	F15236000	ADATTATORE M\F 2IN - 56X4 ADBLUE
	R1512800A	ADAPTER M/F 2" - S70X6 ADBLUE

R1512800A   F15236000

AC/DC PUMPS

E80 / E120	CODE	DESCRIPTION
	F1392000A	KIT ANTI-SYPHON FOR P56/72 E80/120

F1392000A

E140	CODE	DESCRIPTION
	F22436010	ANTISIPHONE KIT FOR EX100/EX140/E140 BSP

F22436010

BP3000	CODE	DESCRIPTION
	F1701800A	KIT TERMINAL BOX+4M CABLE W\CLAMP 12-24V
	F1728900A	KIT TERMINAL BOX+2M CABLE W\CLAMP 12-24V
	F1729000A	KIT TERMINAL BOX+6M CABLE W\CLAMP 12-24V
	R1601100B	ELECTRICAL BOX WITH SWITCH BP3000

R1601100B F1701800A F1729000A F1728900A

SPECIFIC CONNECTIONS FOR BP3000

	F1617300A	LP 3/4 90° HOSE TAIL KIT (1 PCS.)		F16178000	LP 90° FLANGED ELBOW-NEW
	F1726200A	HOSE TAIL 90° 1"		F16770000	KIT N.1 ELBOW 90° WITHOUT FLANGE

	F16172000	LP 3/4 STRAIGHT HOSE TAIL KIT (2 PCS.)-N		F16799000	FLANGED ADAPTER BP3000-VANTAGE 1"G-F
	F17124000	STRAIGHT HOSE TAIL 1" BP3000		F17313000	FLANGED ADAPTER BP3000 \ VANTAGE 1ING -
				F17314000	FLANGED ADAPTER BP3000\VANTAGE 3/4ING -F

PANTHER DC	CODE	DESCRIPTION
	F1001100A	CABLE 2X6X2 MT EYELET TERMINAL 12V
	F1004000A	CABLE 2X6X2 MT EYELET TERMINAL 24V
	F1004100A	CABLE 2X6X4 MT EYELET TERMINAL 12V
	F1003900A	CABLE 2X6X4 MT EYELET TERMINAL 24V
	R13242000	KIT HANDLE PANTHER DC

R10011000 R10040000 R10041000 R10039000 R13242000

BIPUMP	CODE	DESCRIPTION
	F1420000B	KIT HANDLE BIPUMP
	F1433400A	CABLE 2X6X2MT BIPUMP
	F1433500A	CABLE 2X6X4MT BIPUMP

R14334000 R14335000 R1420000A
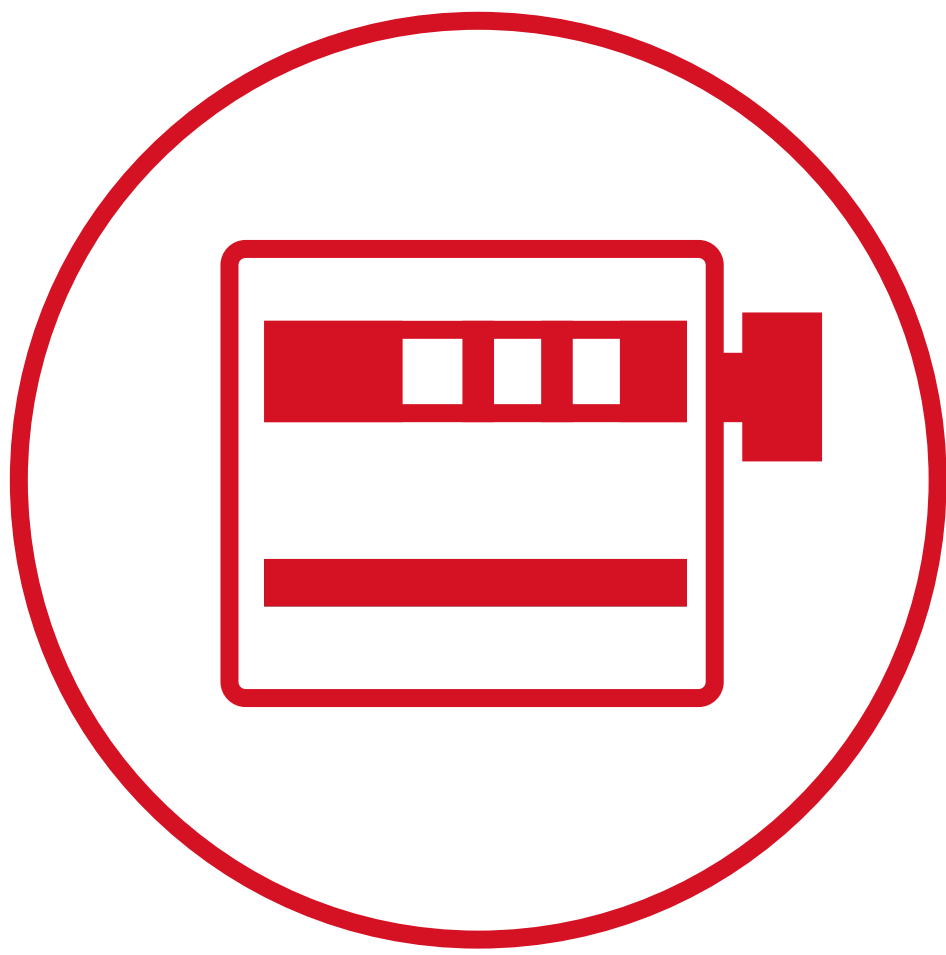
METERS

K24 ATEX

FEATURES

- **BURSTING PRESSURE 100 BAR**
- **LCD DISPLAY**
- **FLOW RATE INDICATION**
- **EASY TO CALIBRATE**
- **UL VERSION AVAILABLE**

The PIUSI K24 ATEX, specifically designed to be compliant with ATEX/IECEx requirements, is manufactured using high-quality materials compatible with gasoline, kerosene and diesel to be used in potentially explosive areas.
This turbine flow meter is equipped with a 6-digit totalizer and partial reset.

Atex

II 2 G

CLASSIFIED
C UL US

PERFORMANCE

7-120	20 BAR
L/MIN	MAX
FLOW RATE	OPERATING PRESSURE

± 1%	0,3%
ACCURACY	REPEATABILITY

K24 ATEX / IECEX

OUR PRODUCT COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEx

II	2	G	Ex	ia	IIB	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL

PACKAGING					
CODE	**WEIGHT**		**PACKAGING**		
	KG	LBS	MM	INCH	PCS/BOX
K24 A ATEX/IECEX METER					
F00408X00	0,5	1,1	115X160X135	4,5X6,3X5,3	1
K24 A ATEX/IECEX PULSER					
F00408Y00	0,5	1,1	115X160X135	4,5X6,3X5,3	1

A — AIR
A — ANTIFREEZE
Ad — AdBlue®
B — BIODIESEL
D — DIESEL
F — FOOD
G — GASOLINE
G — GREASE
K — KEROSENE
O — OIL
W — WATER
W — WINDSCREEN

CHART

K24 ATEX

Q = FLOW RATE (liter/min)
P = TOTAL PRESSURE (bar)

TYPE OF FLUID	GASOLINE
TEMPERATURE	16°C
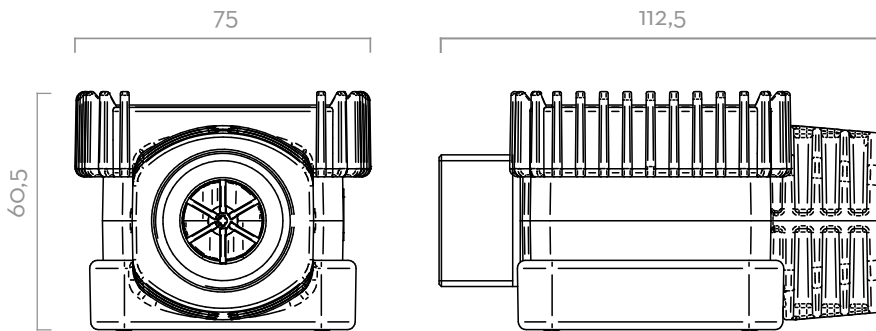
IN THE BOX

- K24 ATEX METER
- INSTRUCTION MANUAL

DETAILS

ROTABLE DISPLAY

BI-DIRECTIONAL

TURBINE PULSE METER

MATERIALS

- BODY: ALUMINIUM
- GEARS: TECHNOPOLYMER

DIMENSIONS

75
112,5
60,5

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		PRESSURE		SPECIAL BATTERY INCLUDED N° 1 3V LITHIUM	FLANGE	INLET / OUTLET
			L/MIN	GPM	BAR	PSI			
K24 A ATEX/IECEX METER									
F00408X00	K24 A M/F 1" BSP ATEX/IECEX	D G K	7 - 120	2 - 32	20	300	YES	NO	M 1" BSP - F 1" BSP
K24 A ATEX/IECEX PULSER									
F00408Y00	K24 A PULSER M/F 1" BSP ATEX/IECEX (92 PULSE/L)	D G K	7 - 120	2 - 32	20	300	NO	NO	M 1" BSP - F 1" BSP

FLUIDS PERMITTED: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 20% ,
AVGAS 100/100LL (PUMP ONLY), JET A/A1 (PUMP ONLY) - ASPEN 2/4. UL CLASSIFIED VERSION AVAILABLE

K24 ATEX

K33 ATEX

Ex

FEATURES

- **BURSTING PRESSURE 28 BAR**
- **3 DIGIT DISPLAY**
- **EASY TO CALIBRATE**
- **4 FLOW DIRECTIONS**

The PIUSI K33 ATEX is an oval gear mechanical meter engineered for an accurate measuring of the quantity of fluid dispensed that meets the ATEX/IECEx requirements related to the use in potentially explosive atmospheres. Reliable and easy to install, it can be calibrated on site and simply fitted with both rigid or flexible pipes or can be put directly on pumps and tanks.

PERFORMANCE

20-120	**3,5 BAR**
L/MIN	MAX
FLOW RATE	OPERATING PRESSURE

± 1%	**0,3%**
ACCURACY	REPEATABILITY

K33 - ATEX

OUR PRODUCTS COMPLIES WITH THE FOLLOWING MARKING ATEX

II	2	G	c	IIB	T6
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F00570O0A	0,6	1,3	180X180X170	-	1	192	240
F0057001A	0,6	1,3	180X180X170	-	1	192	240
F0057002A	0,6	1,3	180X180X170	-	1	192	240
F0057003A	0,6	1,3	180X180X170	-	1	192	240

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

PIUSI ®

INDEX

A — AIR
A — ANTIFREEZE
Ad — AdBlue®
B — BIODIESEL
D — DIESEL
F — FOOD
G — GASOLINE
G — GREASE
K — KEROSENE
O — OIL
W — WATER
W — WINDSCREEN

CHART

K33 ATEX

Q = FLOW RATE (liter/min) vs P = TOTAL PRESSURE (bar)

TYPE OF FLUID	GASOLINE
TEMPERATURE	16°C

DIMENSIONS

104
176
ø34,1 1" bsp
62
128
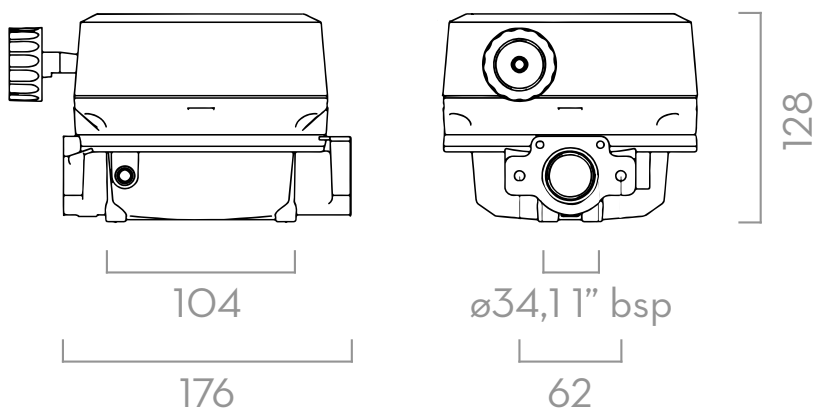
Dimensions expressed in millimeters

IN THE BOX

- K33 ATEX METER
- INSTRUCTION MANUAL

DETAILS

NUTATING DISK SYSTEM

4 FLOW DIRECTIONS

ATEX APPROVED

SAFETY BONDING

MATERIALS

- BODY: ALUMINIUM
- NUTATING DISK CHAMBER: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW DIRECTION	FLOW RATE		PRESSURE		INLET / OUTLET
				L/MIN	GPM	BAR	PSI	
F0057000A	K33 - ATEX VER. A	D G K	←	20 - 120	5 - 32	3,5	50	1" BSP
F0057001A	K33 - ATEX VER. B	D G K	↑	20 - 120	5 - 32	3,5	50	1" BSP
F0057002A	K33 - ATEX VER. C	D G K	↓	20 - 120	5 - 32	3,5	50	1" BSP
F0057003A	K33 - ATEX VER. D	D G K	→	20 - 120	5 - 32	3,5	50	1" BSP

FLUIDS PERMITTED: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 20% ,
AVGAS 100/100LL (PUMP ONLY), JET A/A1 (PUMP ONLY) - ASPEN 2/4. UL CLASSIFIED VERSION AVAILABLE

K33 ATEX

K150 ATEX ⟨Ex⟩

FEATURES

• *HEAVY DUTY CONDITIONS*
• *HIGH FLOW RATE*
• *BURSTING PRESSURE 28 BAR*
• *EASY READING*
• *4 FLOW DIRECTIONS*

K150 ATEX is expressly engineered to meet the market requirements of a meter suitable for flow rates superior than 120 l/min and that can be used both for fluids such as diesel and biodiesel, as well as in potentially explosives atmosphere; with gasoline for example. K150 is easy to calibrate and ready to use; its aluminium cover and sturdy body make this meter suitable for a wide arrange of application while gua-ranteeing the same precision and quality that have always featured PIUSI equip-ment. The mechanical display allows to read quickly the quantity dispensed. It can be installed everywhere thanks to the (optional) 1,5" flange kit. K150 is certified CE, ATEX/UL and tested in PIUSI laboratories for over 4 milion litres to guarantee the maximum reliability.

PERFORMANCE

UP TO **25-150** L/MIN FLOW RATE	**3,5 BAR** MAX OPERATING PRESSURE
± 1% ACCURACY	**0,3%** REPEATABILITY

K150

OUR PRODUCTS COMPLIES WITH THE FOLLOWING MARKING ATEX

II GROUP	2 CATEGORY	G TYPE OF EXPLOSIVE ATMOSPHERE	c PROTECTION METHOD	IIB GAS GLASS	T6 TEMPERATURE CLASS

PACKAGING

CODE	WEIGHT		PACKAGING			BOXES/EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F00555A00	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240
F00555B00	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240
F00555C00	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240
F00555D00	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240

CHART

K150

TYPE OF FLUID GASOLINE

TEMPERATURE 16°C

DIMENSIONS

130

172

151

172
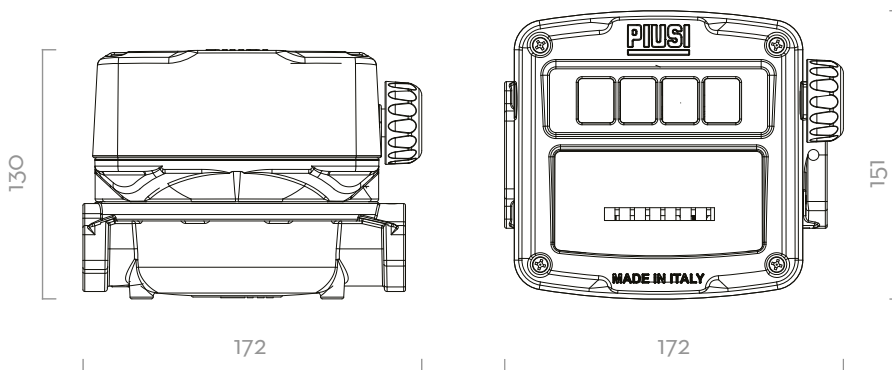
Dimensions expressed in millimeters

IN THE BOX

- K150 ATEX METER
- INSTRUCTION MANUAL

DETAILS

NUTATING DISK

4 FLOW DIRECTIONS

ATEX APPROVED

METALLIC COVER

MATERIALS

- BODY AND COVER: ALUMINIUM
- NUTATING DISK CHAMBER: TECHNOPOLYMER

TECHNICAL DATA

| CODE | DESCRIPTION | FLUIDS TYPE | FLOW RATE | | FLOW DIRECTIONS | PRESSURE | | INLET/OUTLET |
			L/MIN	GPM		BAR	PSI	BSP
F00555A00	(EX) K150 METER VER.A ATEX	D G K	25-150	6,6-40	◄	3,5	50	1" BSP
F00555B00	(EX) K150 METER VER.B ATEX	D G K	25-150	6,6-40	▲	3,5	50	1" BSP
F00555C00	(EX) K150 METER VER.C ATEX	D G K	25-150	6,6-40	▼	3,5	50	1" BSP
F00555D00	(EX) K150 METER VER.D ATEX	D G K	25-150	6,6-40	►	3,5	50	1" BSP

THE PIUSI K150 IS A MECHANICAL METER EXPRESSLY ENGINEEERED FOR HEAVY DUTY AND HIGH FLOW RATE APPLICATIONS. IT IS EASY TO CALIBRATE AND READY-TO-USE; ITS ALUMINIUM COVER AND STURDY BODY MAKE THIS METER SUITABLE FOR A WIDE ARRANGE OF APPLICATIONS WHILE GUARANTEEING THE SAME PRECISION AND QUALITY THAT HAVE ALWAYS BEEN A FEATURE OF PIUSI EQUIPMENT.

K150 ATEX

K24

FEATURES

- **BURSTING PRESSURE 100 BAR**
- **LCD DISPLAY**
- **FLOW RATE INDICATION**
- **EASY TO CALIBRATE**

The PIUSI K24 is a turbine digital flow meter specifically designed for diesel. Easy to install in-line or at the end of a delivery pipe, it is equipped with a rotatable display. This meter is available both with aluminium or technopolymer body.

PERFORMANCE

7-120 L/MIN FLOW RATE	**20 BAR** MAX OPERATING PRESSURE
± 1% ACCURACY	**0,2%** REPEATABILITY

K24

K24 plastic version

K24 PULSER

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
K24					
F0040700A	0,5	1,1	BLISTER	BLISTER	1
F0040810O	0,5	1,1	BLISTER	BLISTER	1
K24 PULSER					
F0040722A	0,5	1,1	115X160X135	4,5X6,3X5,3	1

CHART

K24

Chart axes: Q = FLOW RATE (liter/min) vs P = TOTAL PRESSURE (bar)

TYPE OF FLUID	DIESEL
TEMPERATURE	16°C

DIMENSIONS

75   112,5

60,5
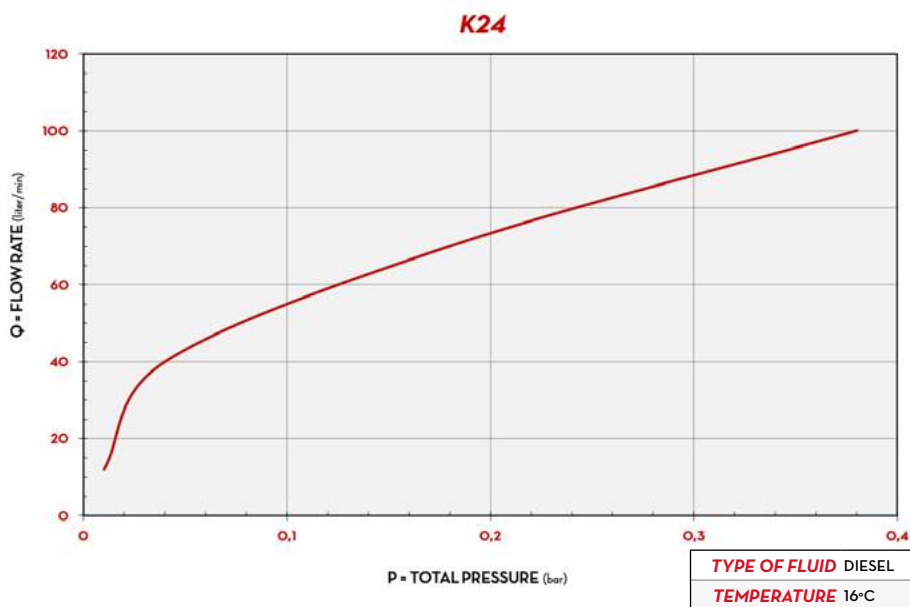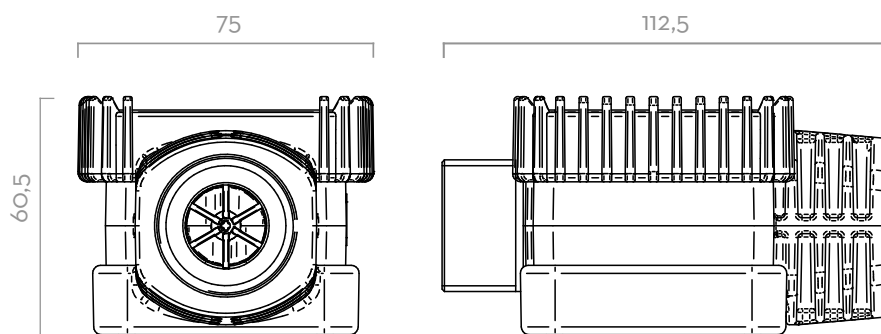
Dimensions expressed in millimeters

IN THE BOX

- K24 METER
- SOCKET F/F
- INSTRUCTION MANUAL

DETAILS

ROTABLE DISPLAY

BI-DIRECTIONAL

TURBINE PULSE METER

SOCKET F/F

MATERIALS

- BODY: ALUMINIUM
- GEARS: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		PRESSURE		BATTERY	FLANGE	INLET / OUTLET
			L/MIN	GPM	BAR	PSI	2X AAA BATTERY 1,5V (INCLUDED)		
K24									
F0040700A	K24 METER M/MF LITER BLACK 1INBSP	D	7 - 120	2 - 32	10	150	YES	NO	M 1" BSP - M 1" BSP
F0040810O	K24 M/F 1" BSP	D	7 - 120	2 - 32	20	300	YES	NO	M 1" BSP - F 1" BSP
K24 PULSER									
F0040722A	K24 PULSER M/MF LITER BLACK 1INBSP	D	7 - 120	2 - 32	10	150	NO	NO	M 1" BSP - M 1" BSP

UPON REQUEST AVAILABLE IN NPTF VERSION AND DISPLAY IN GALLON/QUARTER OR PRINT
N° 2X1,5V BATTERY INCLUDED

K24

K600/3

FEATURES

- **ADJUSTABLE FLANGES**
- **SUITABLE FOR INDUSTRIAL APPLICATIONS**
- **IDEAL FOR MOBILE INSTALLATIONS**
- **LOW ENERGY CONSUMPTIONS**

The PIUSI K600/3 is an oval gear meter suitable for monitoring the delivery of diesel, oil and antifreeze. The meter is equipped with an integrated filter and is also available in pulser version.

PERFORMANCE

UP TO 10-100 L/MIN	30 BAR MAX
FLOW RATE	OPERATING PRESSURE
± 0,5%	0,2%
ACCURACY	REPEATABILITY

K600/3 METER

K600/3 PULSER

PACKAGING					
CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
METER					
F00496A00	1,6	3,5	200X120X140	7,9X4,7X5,5	1
PULSER					
F00472A00	2,6	5,7	200X120X140	7,9X4,7X5,5	1

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

K600/3

TYPE OF FLUID	DIESEL
TEMPERATURE	16°C

DIMENSIONS

68
77,4
76
73
112
80
94
41,5

Dimensions expressed in millimeters
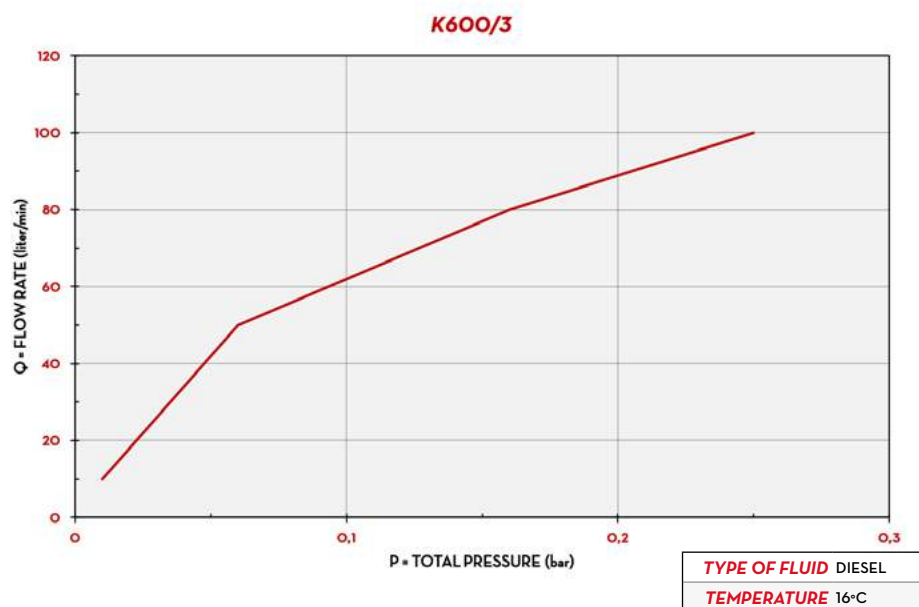
IN THE BOX

- K600/3 METER
- FLANGES
- INSTRUCTION MANUAL

DETAILS

5-DIGIT DISPLAY

OVAL GEARS

MATERIALS

- BODY: ALUMINIUM
- GEARS: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		PRESSURE		BATTERY	FLANGE	INLET / OUTLET	INLET FILTER
			L/MIN	GPM	BAR	PSI	N°2 X 1,5V (INCLUDED)			
METER										
F00496A00	K600/3 DIESEL	A D O	10 - 100	2,64 - 26,4	30	426	YES	YES	1" BSP	YES
PULSER										
F00472A00	K600/3 1" DIESEL	A D O	10 - 100	2,64 - 26,4	30	426	NO	YES	1" BSP	YES

UPON REQUEST AVAILABLE IN NPTF VERSION AND DISPLAY IN GALLON/QUARTER OR PRINT

K600/3

K600 B/3

FEATURES

- **BETTER VISIBILITY**
- **ADJUSTABLE FLANGES**
- **ROTATING DISPLAY**
- **STANDARD BATTERY**
- **PULSE-OUT VERSION AVAILABLE**
- **IP66**

The PIUSI K600 B/3 is an oval gear meter suitable for monitoring the delivery of diesel, biodiesel and antifreeze. This special version includes a large 80mm built-in digital display that can be rotated to suit every application. Among its features: 5-digit partial total and resettable total. Pulser version available.

PERFORMANCE

UP TO		MAX
10-100 L/MIN		**30 BAR**
FLOW RATE		OPERATING PRESSURE

± 0,5%	**0,2%**
ACCURACY	REPEATABILITY

K600 B/3 METER

K600 B/3 WITH PULSE-OUT

PACKAGING					
CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
METER					
F00491000	2	4,4	200X120X140	7,9X4,7X5,5	1
PULSER					
F00492000	2	4,4	200X120X140	7,9X4,7X5,5	1

FILTRATION	TANK MONITORING	HOSE REEL	ACCESSORIES	MERCHANDISE

PIUSI®

INDEX

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

K600 B/3

TYPE OF FLUID	DIESEL
TEMPERATURE	16°C

DIMENSIONS

110

131

76

112

Dimensions expressed in millimeters

IN THE BOX

- K600 B/3 METER
- FLANGES
- INSTRUCTION MANUAL

DETAILS

5-DIGIT DISPLAY

OVAL GEARS

BIG AND ROTATING DISPLAY

MATERIALS

- BODY: ALUMINIUM
- GEARS: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		PRESSURE		BATTERY	FLANGE	INLET / OUTLET	INLET FILTER
			L/MIN	GPM	BAR	PSI	N°2 X 1,5V (INCLUDED)			
METER										
F00491000	K600 B/3	D	10 - 100	2,64 - 26,4	30	426	YES	YES	1" BSP	YES
PULSER										
F00492000	K600 B/3 WITH PULSE-OUT	D	10 - 100	2,64 - 26,4	30	426	YES	YES	1" BSP	YES

UPON REQUEST AVAILABLE IN NPTF VERSION AND DISPLAY IN GALLON/QUARTER OR PRINT

K600 B/3

K600/4

FEATURES

- **EASY TO INSTALL AND TO CALIBRATE**
- **VERSATILE**
- **HIGH PRECISION**

The PIUSI K600/4 is an oval gear meter suitable for monitoring the delivery of fuels. This special version is particularly suitable for all applications in the industrial sector.

PERFORMANCE

15-150 L/MIN FLOW RATE	**20 BAR** MAX OPERATING PRESSURE
± 0,5% ACCURACY	**0,2%** REPEATABILITY

K600/4

K600/4 PULSER
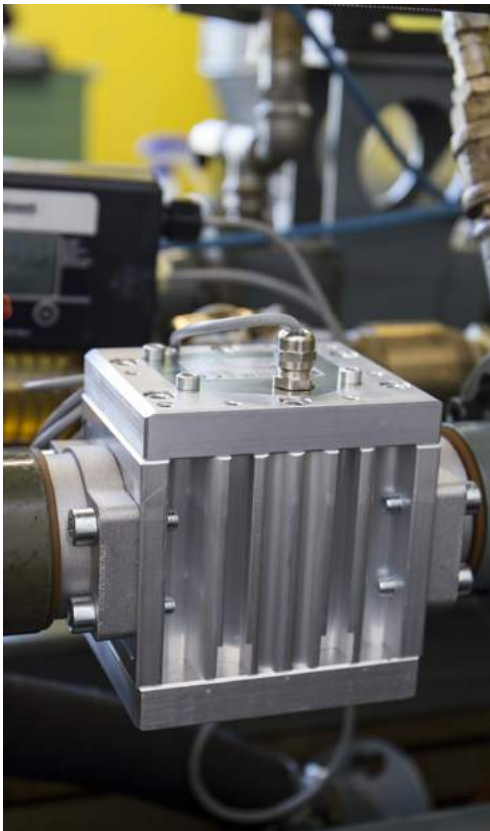
PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
METER					
00049700A	3,2	7	200X120X140	7,9X4,7X5,5	1
PULSER					
000473000	3,2	7	200X120X140	7,9X4,7X5,5	1

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

INDEX

A AIR | A ANTIFREEZE | Ad AdBlue® | B BIODIESEL | D DIESEL | F FOOD | G GASOLINE | G GREASE | K KEROSENE | O OIL | W WATER | W WINDSCREEN

CHART

K600/4

TYPE OF FLUID SAE 80W90

TEMPERATURE 20°C
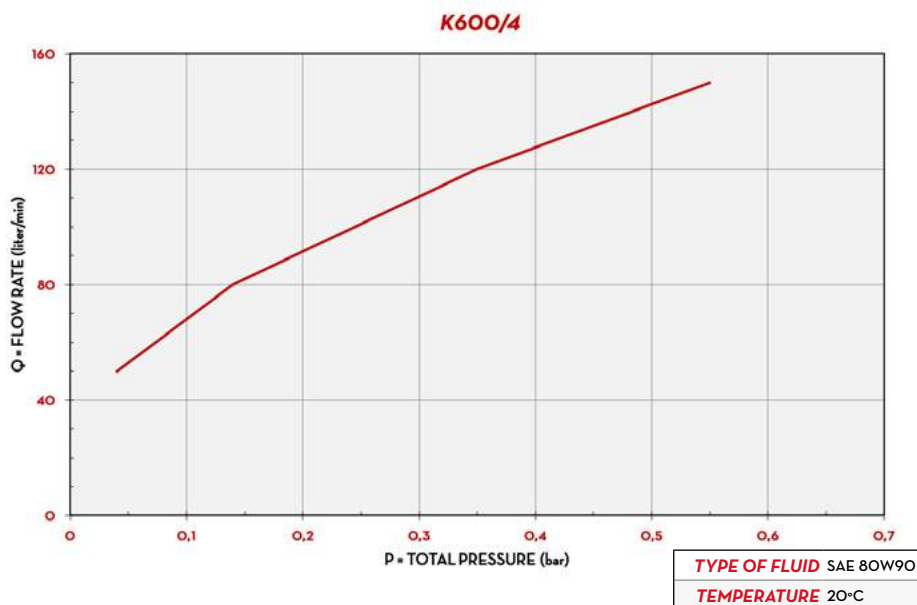
IN THE BOX

- K600/4 METER
- FLANGES
- INSTRUCTION MANUAL

DETAILS

5-DIGIT DISPLAY

OVAL GEARS

DIMENSIONS

28 112 28

168

90

83,9

119,5

62

Dimensions expressed in millimeters

MATERIALS

- BODY: ALUMINIUM
- GEARS: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		PULSER		PRESSURE		BATTERY	FLANGE	INLET / OUTLET	INLET FILTER
			L/MIN	GPM	P/L	GPM	BAR	PSI	N°2 X 1,5V (INCLUDED)			
METER												
00049700A	K600/4	A B D O	15 - 150	3,9 - 39	-	-	20	284	YES	YES	1 1/2" BSP	YES
PULSER												
000473000	K600/4 PULSER	A B D O	15 - 150	3,9 - 39	26	98	20	300	NO	YES	1 1/2"	YES

UPON REQUEST AVAILABLE IN NPT VERSION.

K600/4

K700 PULSER

FEATURES

- **EASY TO INSTALL AND TO CALIBRATE**
- **VERSATILE**
- **HIGH FLOW RATE**
- **HEAVY DUTY**
- **INDUSTRIAL APPLICATIONS**

The PIUSI K700 PULSER is an oval gear electronic meter with acetal resin gears. This pulse meter easily interfaces with management systems, making it the ideal solution to fit fuel distributors. It is also suitable for tanks and cisterns, loading arms controlling the consumption of fuel in burners or generator sets, besides other applications.

PERFORMANCE

25-250 L/MIN FLOW RATE	**20 BAR** MAX OPERATING PRESSURE
± 0,5% ACCURACY	**0,2%** REPEATABILITY

K700 PULSER

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
PULSER					
F00498000A	5,5	12	280X160X140	11X6,3X5,5	1

A — AIR
A — ANTIFREEZE
Ad — AdBlue®
B — BIODIESEL
D — DIESEL
F — FOOD
G — GASOLINE
G — GREASE
K — KEROSENE
O — OIL
W — WATER
W — WINDSCREEN

CHART

K700 PULSER

TYPE OF FLUID DIESEL

TEMPERATURE 8°C
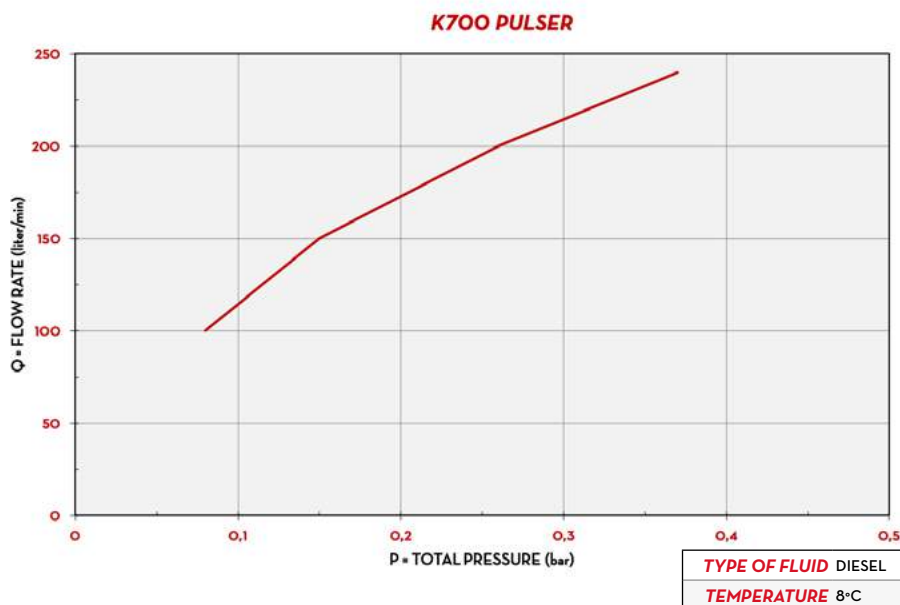
IN THE BOX

- K700 PULSER METER
- INSTRUCTION MANUAL
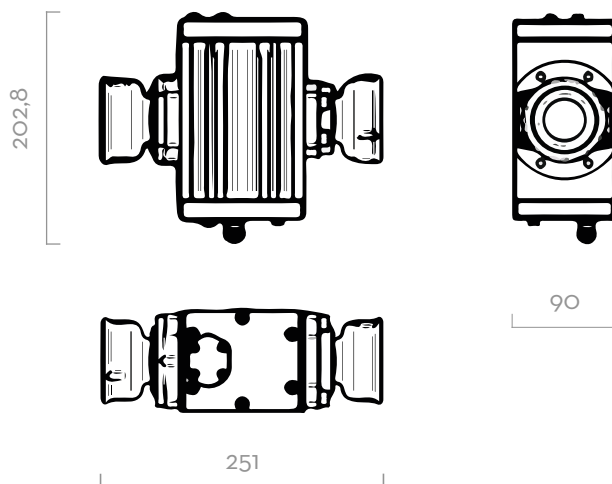
DETAILS

INBUILT SUCTION FILTER

OVAL GEARS

DIMENSIONS

202,8

251

90

Dimensions expressed in millimeters

MATERIALS

- BODY: ALUMINIUM
- GEARS: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		PULSER		PRESSURE		BATTERY N°2 X 1,5V (INCLUDED)	FLANGE	INLET / OUTLET	INLET FILTER
			L/MIN	GPM	P/L	GPM	BAR	PSI				
PULSER												
F00498O0A	K700 PULSER	A B D O	25 - 250	6,6 - 66	14	53	20	300	NO	YES	2" BSP	YES

UPON REQUEST AVAILABLE IN NPT VERSION.

K700 PULSER

K900

FEATURES

- **STURDY STRUCTURE**
- **HEAVY DUTY CONDITIONS**
- **HIGH FLOW RATE APPLICATIONS**
- **READY TO INSTALL**

Among the electronic flow meters Made in Italy by PIUSI, the K900 is the oval gear measuring equipment suitable for controlling the non commercial dispensing of low, medium and high viscosity fluids compatible with its construction materials. This meter is equipped with an in-built suction filter, 3" inlet/outlet and free contact signal pulser.

PERFORMANCE

50-500 L/MIN FLOW RATE	**20 BAR** MAX OPERATING PRESSURE
±0,5% ACCURACY	**0,2%** REPEATABILITY

K900

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
METER					
F00499OOB	12	26,5	400X290X200	15,7X11,4X7,9	1
PULSER					
F00499O2B	12	26,5	400X290X200	15,7X11,4X7,9	1

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

INDEX

A	A	Ad®	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

K900

TYPE OF FLUID DIESEL

TEMPERATURE 19°C
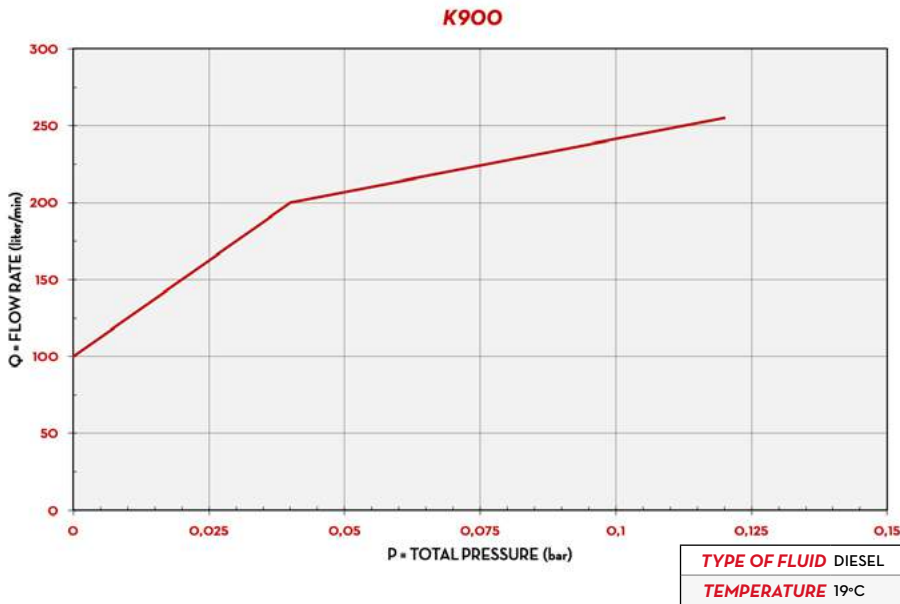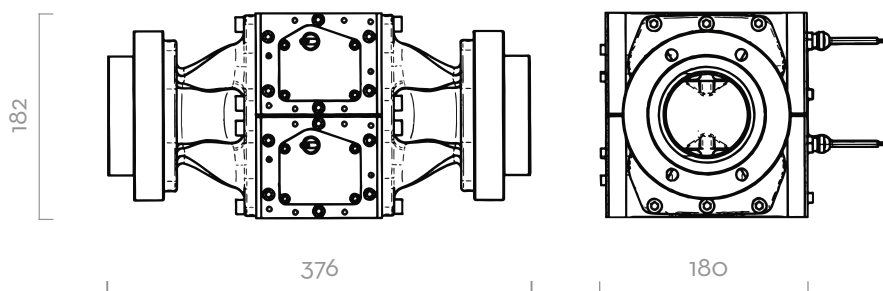
IN THE BOX

- K900 METER
- INSTRUCTION MANUAL

DETAILS

INBUILT FILTER

OVAL GEARS

5 DIGIT PARTIAL TOTAL

IN/OUT 3"

MATERIALS

- BODY: ALUMINIUM
- GEARS: TECHNOPOLYMER

DIMENSIONS

182

376

180

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		PULSER		PRESSURE		BATTERY	FLANGE	INLET / OUTLET	INLET FILTER
			L/MIN	GPM	P/L	GPM	BAR	PSI	N°2 X 1,5V (INCLUDED)			
METER												
F00499OOB	K900	B D	50 - 500	13,2 - 132	-	-	20	284	YES	YES	3" BSP	YES
PULSER												
F00499O2B	K900 PULSER	B D	50 - 500	13,2 - 132	10	38	20	284	YES	YES	3" BSP	YES

UPON REQUEST AVAILABLE IN NPT VERSION. DISPLAY POWER SUPPLY 4-12VDC, 1.2 AMP. TYPE OF
OUTPUT SIGNAL: OPEN COLLECTOR MAX 50V, 1.2 AMP, SINGLE CHANNEL.

K900

REMOTE DISPLAY

FEATURES

- **LARGE SCREEN DISPLAY**
- **NON RESETTABLE TOTAL**
- **STANDARD BATTERY**

REMOTE DISPLAY for remote control (via max. 15 m. cable) of pulse meters. The large screen displays the quantity delivered and the non resettable total Equipped with software applications for calibrating meters. Available as both basic display device and as pulse emitter. Indispensable for receivers designed to recognise only discreet quantities of impulses. The easy interfacing management systems of the pulse transmitter models extend the field of application of pulse meters combined with remote displays.

PERFORMANCE

every	UP TO
PULSE METER	**100**
	PULSES/LITER
COMPATIBILITY	FLOW RATE

REMOTE DISPLAY

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F1175200B	1,2	2,6	200X120X140	7,9X4,7X5,5	1
F1175300B	1,2	2,6	200X120X140	8,9X4,9X5,9	1
F1175400B	1,2	2,6	200X120X140	8,9X4,9X5,9	1
F0049501A	1,2	2,6	200X120X140	8,9X4,9X5,9	1
F0049502A	1,2	2,6	200X120X140	8,9X4,9X5,9	1
F0049503B	1,2	2,6	225X125X150	8,9X4,9X5,9	1

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

INDEX

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

CHART

Remote display battery powered

Display

Max 15m

Remote display battery powered

Pulse out   Pulse in
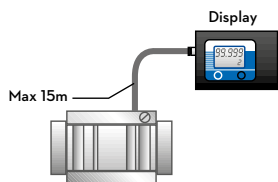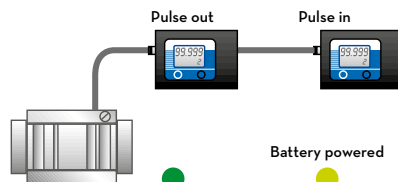
Battery powered

Display pulse transmitter battery powered

Pulse out

Max 15m

External pulse receiver
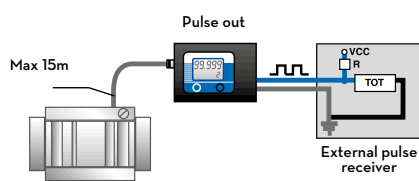
Display pulse transmitter externally powered

Pulse out

Max 15m

External pulse receiver
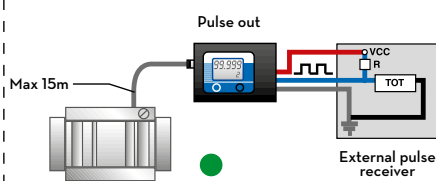
IN THE BOX

- REMOTE DISPLAY UNIT
- BRACKET
- INSTRUCTION MANUAL

DETAILS

5 DIGITS PARTIAL TOTAL   ADJUSTABLE BRACKET
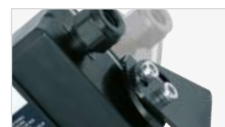
DIMENSIONS

40 — 90° — 114 — 70 — 62 — 90 — 96 — 126
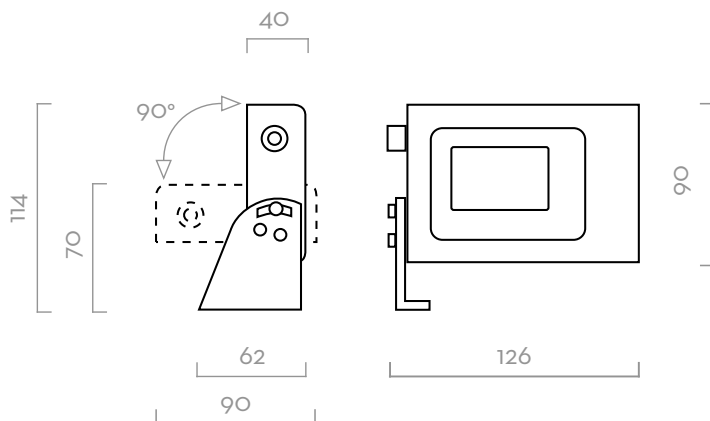
Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLANGE	INLET OUTLET
F1175200B	REMOTE DISPLAY PULSE OUT K600	Ad B D O W W	K600 DIESEL	PULSE OUT
F1175300B	REMOTE DISPLAY PULSE OUT K600/4	Ad B D O W W	K600/4	PULSE OUT
F1175400B	REMOTE DISPLAY PULSE OUT K700	Ad B D O W W	K700	PULSE OUT
F0049501A	REMOTE DISPLAY PULSE OUT UNIVERSAL	Ad B D O W W	K200, K400, K600 OIL, K600 DIESEL, K600/4, K700	PULSE OUT
F0049502A	UNIVERSAL REMOTE DISPLAY PULSE IN	Ad B D O W W	FOR ALL PIUSI PULSE OUT REMOTE DISPLAY	PULSE IN
F0049503B	REMOTE DISPLAY PULSE OUT 100 ADBLUE	Ad B D O W W	TURBINOX / K24 PULSER	PULSE OUT

REMOTE DISPLAY

K33 / K44

FEATURES

- **READY TO USE**
- **BUSRSTING PRESSURE 30 BAR**
- **NO BATTERY NEEDED**
- **EASY TO INSTALL AND CALIBRATE**
- **4 FLOW DIRECTION**

The PIUSI K33 and K44 are the bestseller mechanical meters in this market. Reliable, easy to install and to calibrate, they are equipped with a nutating disk that allows them to be installed in all four flow directions. The display is available in both three or four digits, according to the model chosen.

PERFORMANCE

20-120 L/MIN FLOW RATE	3,5 BAR MAX OPERATING PRESSURE
±1% ACCURACY	**±0,3%** REPEATIBILITY

K33

K44

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	⛴
METERS							
000550000	0,6	1,3	180X180X170	-	1	192	240
000551000	0,6	1,3	180X180X170	-	1	192	240
000552000	0,6	1,3	180X180X170	-	1	192	240
000553000	0,6	1,3	180X180X170	-	1	192	240
000560000	0,6	1,3	180X180X170	-	1	192	240
000561000	0,6	1,3	180X180X170	-	1	192	240
000562000	0,6	1,3	180X180X170	-	1	192	240
000563000	0,6	1,3	180X180X170	-	1	192	240
PULSER							
00056500A	0,6	1,3	180X180X170	-	1	192	240

A AIR   A ANTIFREEZE   Ad AdBlue®   B BIODIESEL   D DIESEL   F FOOD   G GASOLINE   G GREASE   K KEROSENE   O OIL   W WATER   W WINDSCREEN

CHART

K33 / K44

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 16°C |
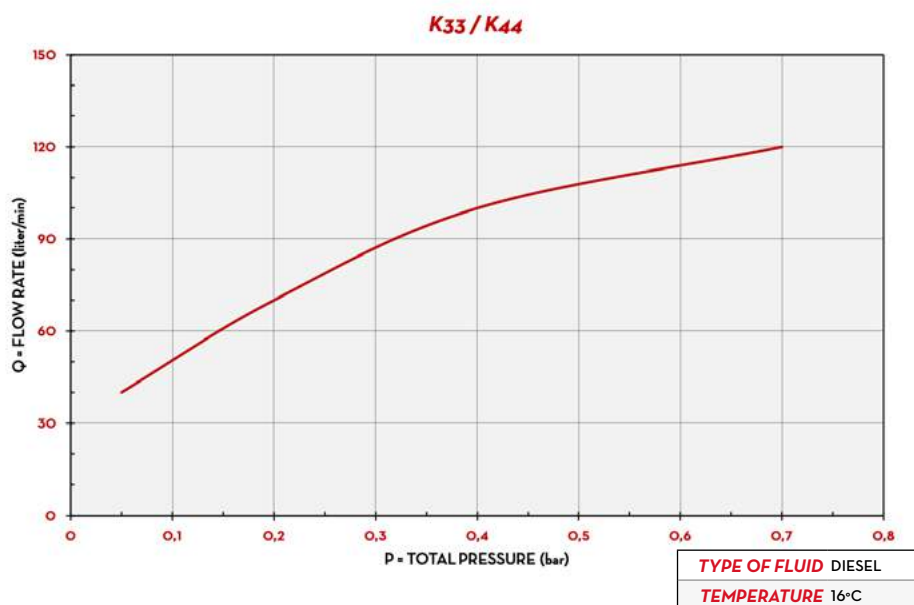
IN THE BOX

- K33 / K44 METER
- INSTRUCTION MANUAL

DETAILS

NUTATING DISK SYSTEM   4 FLOW DIRECTIONS

DIMENSIONS
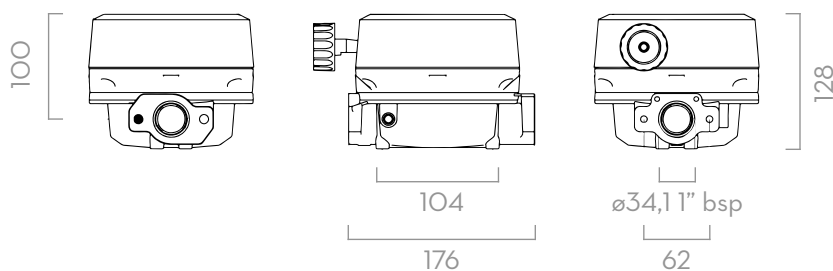
100   104   176   ø34,1 1" bsp   62   128

Dimensions expressed in millimeters

MATERIALS

- BODY: ALUMINIUM
- NUTATING DISK CHAMBER: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW DIRECTION	FLOW RATE		PRESSURE		PULSER	INLET / OUTLET
				L/MIN	GPM	BAR	PSI	P/L (P/GAL)	
METERS									
000550000	K33 VER. A	D	←	20 - 120	5 - 32	10	142	-	1" BSP
000551000	K33 VER. B	D	↕	20 - 120	5 - 32	10	142	-	1" BSP
000552000	K33 VER. C	D	↕	20 - 120	5 - 32	10	142	-	1" BSP
000553000	K33 VER. D	D	→	20 - 120	5 - 32	10	142	-	1" BSP
000560000	K44 VER. A	D	←	20 - 120	5 - 32	10	142	-	1" BSP
000561000	K44 VER. B	D	↕	20 - 120	5 - 32	10	142	-	1" BSP
000562000	K44 VER. C	D	↕	20 - 120	5 - 32	10	142	-	1" BSP
000563000	K44 VER. D	D	→	20 - 120	5 - 32	10	142	-	1" BSP
PULSER									
000565000A	K44 PULSER	D	→	20 - 120	5 - 32	10	142	10 (38)	1" BSP

K33 / K44

K150

FEATURES

- *HEAVY DUTY CONDITIONS*
- *HIGH FLOW RATE*
- *BURSTING PRESSURE 28 BAR*
- *EASY READING*
- *4 FLOW DIRECTIONS*

K150 is expressly engineered to meet the market requirements of a meter suitable for flow rates superior than 120 l/min and that can be used both for fluids such as diesel and biodiesel, as well as in potentially explosives atmosphere; with gasoline for example. K150 is easy to calibrate and ready to use; its aluminium cover and sturdy body make this meter suitable for a wide arrange of application while guaranteeing the same precision and quality that have always featured PIUSI equipment. The mechanical display allows to read quickly the quantity dispensed. It can be installed everywhere thanks to the (optional) 1,5" flange kit.

PERFORMANCE

UP TO 25-150 L/MIN FLOW RATE	3,5 BAR MAX OPERATING PRESSURE
± 1% ACCURACY	0,3% REPEATABILITY

K150

PACKAGING

CODE	WEIGHT		PACKAGING			BOXES/EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F00554A00	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240
F00554B00	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240
F00554C00	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240
F00554D00	2,38	5,25	185X185X170	7,28X7,28X6,69	1	192	240

CHART

K15O

TYPE OF FLUID DIESEL
TEMPERATURE 16°C

IN THE BOX

- K15O METER
- INSTRUCTION MANUAL
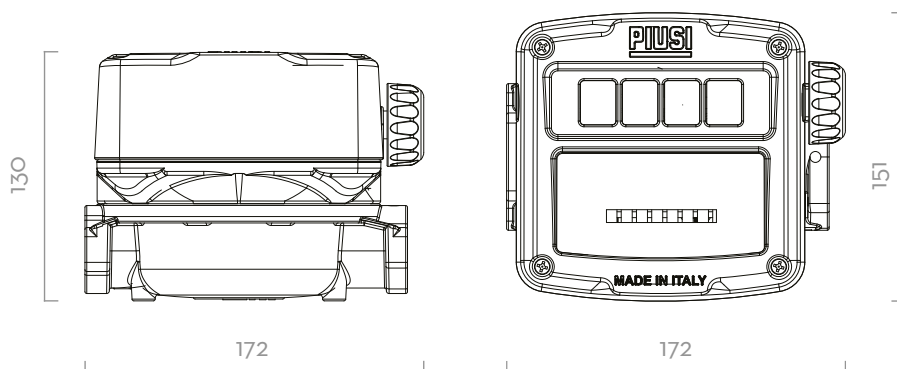
DETAILS

NUTATING DISK

4 FLOW DIRECTIONS

METALLIC COVER

MATERIALS

- BODY AND COVER: ALUMINIUM
- NUTATING DISK CHAMBER: TECHNOPOLYMER

DIMENSIONS

130

172

151

172

Dimensions expressed in millimeters

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		FLOW DIRECTIONS	PRESSURE		INLET/OUTLET
			L/MIN	GPM		BAR	PSI	BSP
F00554A00	K15O METER LITERS - 1" BSP VER.A	D	25-150	6,6-40	◄	3,5	50	1" BSP
F00554B00	K15O METER LITERS - 1" BSP VER.B	D	25-150	6,6-40	▲	3,5	50	1" BSP
F00554C00	K15O METER LITERS - 1" BSP VER.C	D	25-150	6,6-40	▼	3,5	50	1" BSP
F00554D00	K15O METER LITERS - 1" BSP VER.D	D	25-150	6,6-40	►	3,5	50	1" BSP

THE PIUSI K15O IS A MECHANICAL METER EXPRESSLY ENGINEEERED FOR HEAVY DUTY AND HIGH FLOW RATE APPLICATIONS. IT IS EASY TO CALIBRATE AND READY-TO-USE; ITS ALUMINIUM COVER AND STURDY BODY MAKE THIS METER SUITABLE FOR A WIDE ARRANGE OF APPLICATIONS WHILE GUA-RANTEEING THE SAME PRECISION AND QUALITY THAT HAVE ALWAYS BEEN A FEATURE OF PIUSI EQUIPMENT.

K15O

K700

FEATURES

- *HEAVY DUTY CONDITIONS*
- *STURDY STRUCTURE*
- *BUSRSTING PRESSURE 30 BAR*
- *NO BATTERY NEEDED*
- *EASY TO INSTALL*
- *2 FLOW DIRECTION*

Medium-high flow rates require specific measuring equipment able to adapt precisely to the flow: It is the case of the oval gear mechanical flow meter PIUSI K700: a sturdy, reliable and easy to install equipment suitable for the most demanding environments. The meter displays 4-digit piece of equipment partial total that can show up to a maximum of 9999 liters.

PERFORMANCE

40-220 L/MIN FLOW RATE	**10 BAR** MAX OPERATING PRESSURE
± 1,5% ACCURACY	**0,3%** REPEATABILITY

K700

PACKAGING							
CODE	**WEIGHT**		**PACKAGING**			**N. BOXES / EUROPALLET**	
	KG	LBS	MM	INCH	PCS/BOX	✈	⛴
F00540000	5,8	12,8	240X240X275	-	1	48	72
F00540020	5,8	12,8	240X240X275	-	1	48	72
F00540030	5,8	12,8	240X240X275	-	1	48	72
F00540040	5,8	12,8	240X240X275	-	1	48	72

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

INDEX

A
AIR

A
ANTIFREEZE

Ad
AdBlue®

B
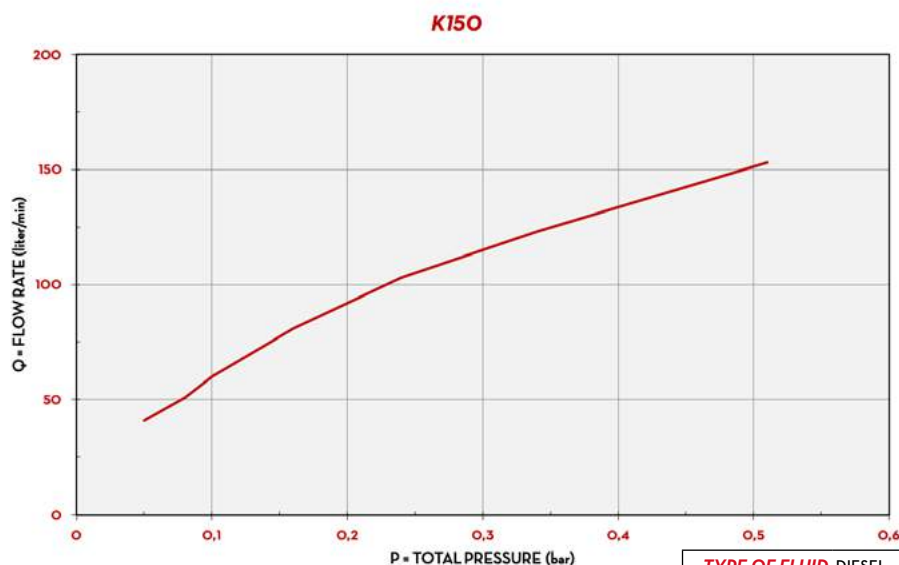BIODIESEL

D
DIESEL

F
FOOD

G
GASOLINE

G
GREASE

K
KEROSENE

O
OIL

W
WATER

W
WINDSCREEN

CHART
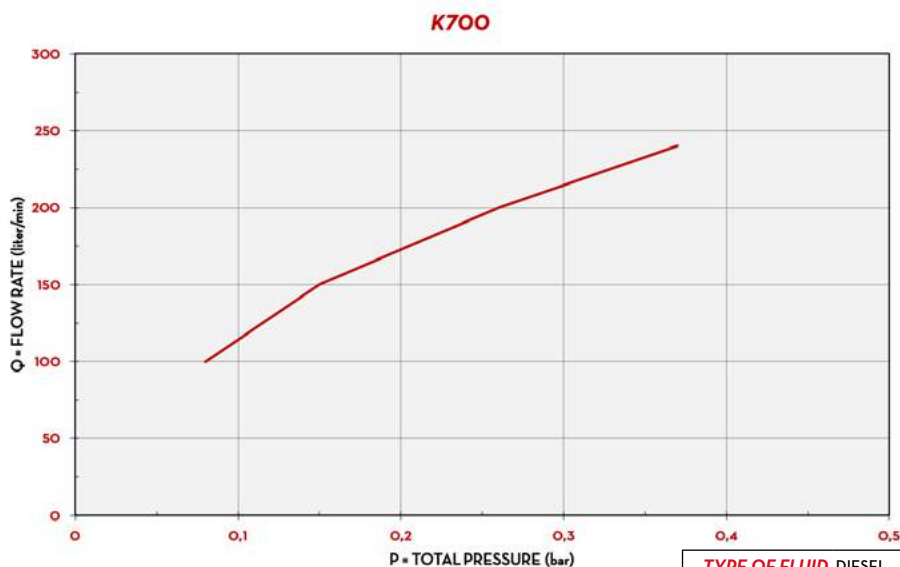
TYPE OF FLUID	DIESEL
TEMPERATURE	8°C

DIMENSIONS

238
161,5
155
181
155
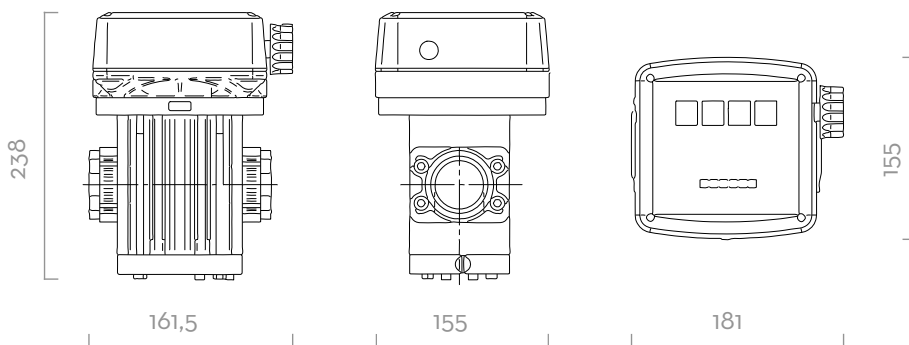
Dimensions expressed in millimeters

IN THE BOX

- K700 METER
- INSTRUCTION MANUAL

DETAILS

4-DIGITS

OVAL GEARS

4 FLOW DIRECTIONS

MATERIALS

- BODY: ALUMINIUM
- GEARS: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW DIRECTION	FLOW RATE		PRESSURE		INLET FILTER	INLET / OUTLET
				L/MIN	GPM	BAR	PSI		
F00540000	K700 VER. A	D	◄	40 - 220	5 - 53	10	142	YES	1" 1/2 BSP
F00540020	K700 VER. B	D	▲	40 - 220	5 - 32	10	142	YES	1" 1/2 BSP
F00540030	K700 VER. C	D	▼	40 - 220	5 - 53	10	142	YES	1" 1/2 BSP
F00540040	K700 VER. D	D	►	40 - 220	5 - 32	10	142	YES	1" 1/2 BSP

K700
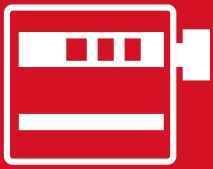
ACCESSORIES

ELECTRONIC METERS

K24	CODE	DESCRIPTION
	F0049501A	REMOTE DISPLAY PULS OUT UNIVERSAL
	F0049502A	UNIVERSAL REMOTE DISPLAY PULS IN

F0049501A
F0049502A

K600/3 PULSER	CODE	DESCRIPTION
	F0049501A	DISPLAY REMOTO PULS OUT UNIVERSALE
	F0049502A	DISPLAY REMOTO PULS IN UNIVERSALE

F0049501A
F0049502A

K600/3 METER	CODE	DESCRIPTION
	F117520OB	REMOTE DISPLAY PULS OUT K600/3 LT SEL

F117520OB

K600/4	CODE	DESCRIPTION
	F0049501A	REMOTE DISPLAY PULS OUT UNIVERSAL
	F0049502A	UNIVERSAL REMOTE DISPLAY PULS IN
	F117530OB	REMOTE DISPLAY PULS OUT K600/4 LT SEL

F0049501A
F0049502A
F117530OB

K700	CODE	DESCRIPTION
	F0049501A	REMOTE DISPLAY PULS OUT UNIVERSAL
	F0049502A	UNIVERSAL REMOTE DISPLAY PULS IN
	F117540OB	REMOTE DISPLAY PULS OUT K700 LT SEL

F0049501A
F0049502A
F117540OB

K900	CODE	DESCRIPTION
	R115260OA	KIT DR K900 W PULS OUT
	R114640OA	KIT DR K900 W/O PULS OUT

R115260OA
R114640OA

NOZZLES

A60 / A140 ATEX Ex

FEATURES
• **AUTOMATIC**
• **READY TO USE**
• **STURDY DESIGN**

Expressly engineered to meet the strictest requirements of the ATEX/IECEx regulations, the PIUSI A60/A140 ATEX is an automatic nozzle suitable to dispense fluids - such as gasoline, kerosene, diesel and others - in potentially explosive atmospheres. It is fitted with a structural component that automatically stops dispensing when the tank is full.

PERFORMANCE

UP TO **140 L/MIN**	**1" BSP**
FLOW RATE	INLET

A60 **⌀24MM**	A140 **⌀29MM**
SPOUT	SPOUT

Atex
Ex
II 2 G

A60 ATEX

Atex
Ex
II 2 G

A140 ATEX

PACKAGING

CODE		WEIGHT		PACKAGING			BOXES/EUROPALLET	
WITHOUT SWIVEL	WITH SWIVEL	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
A60 ATEX								
-	F00613020	1,25	2,76	460X200X80	181X78X31	1	-	-
A140 ATEX								
F22675000	-	2,00	4,41	460X200X80	181X78X31	1	-	-

A · A · Ad · B · **D** · F · **G** · G · **K** · O · W · W
AIR · ANTIFREEZE · AdBlue® · BIODIESEL · DIESEL · FOOD · GASOLINE · GREASE · KEROSENE · OIL · WATER · WINDSCREEN

CHART

A60 / A140 ATEX

Q = FLOW RATE (liter/min) vs P = TOTAL PRESSURE (bar)
— A60 ATEX
– – A140 ATEX

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 20°C |
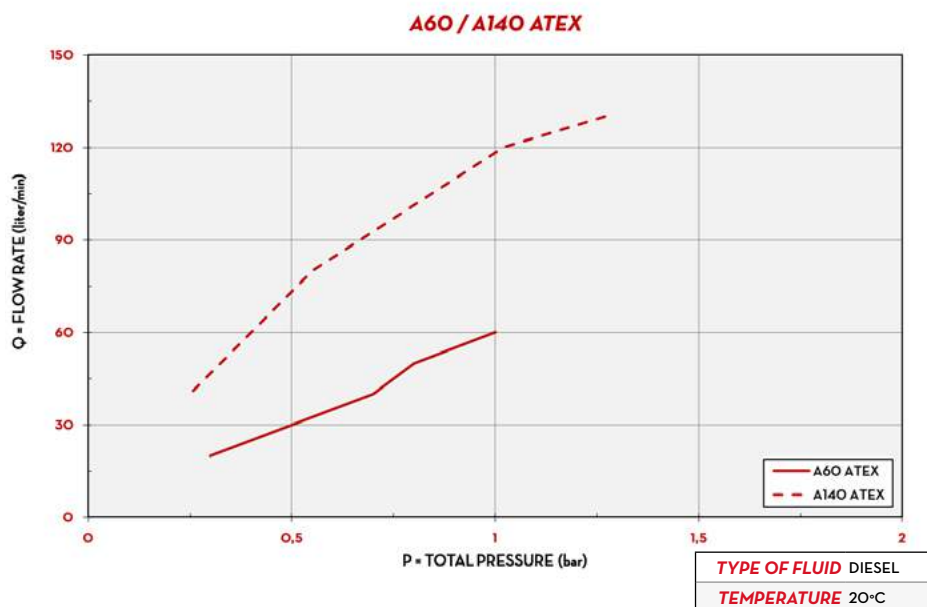
IN THE BOX

- A60 / A140 ATEX NOZZLE
- INSTRUCTION MANUAL

DETAILS

AUTOMATIC STOP   F 1" SWIVEL

DIMENSIONS

A60 ATEX

40 / 15

A140 ATEX

40 / 15
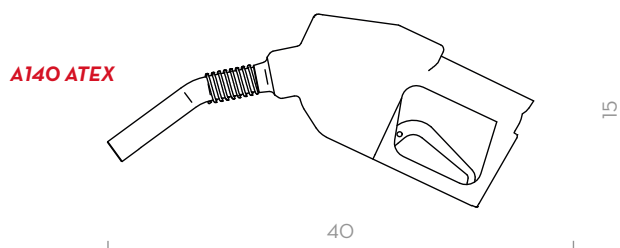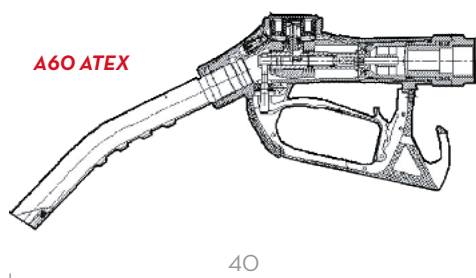
Dimensions expressed in millimeters

MATERIALS

- BODY: ALUMINIUM
- SEAL: NBR

TECHNICAL DATA

| CODE | | DESCRIPTION | FLUIDS TYPE | FLOW RATE | | INLET | | SPOUT |
WITHOUT SWIVEL	WITH SWIVEL			L/MIN	GPM	WITHOUT SWIVEL BSP	WITH SWIVEL BSP	EXT. Ø MM
A60 ATEX								
-	F00613020	A60 ATEX	D G K	60	16	-	F1"	24
A140 ATEX								
F22675000	-	(EX) AUTOMATIC NOZZLE A140 W\OUT SWIVEL	D G K	140	37	F1"	-	28,7

A60 / A140 ATEX

A60 / A80 / A120 / A140

FEATURES

- **AUTOMATIC**
- **READY TO USE**
- **STURDY DESIGN**

Among the range of nozzles for fuel dispensing, PIUSI A60/A80/A120/A140 consist of a range of automatic devices for flow rates up to 140 l/min fitted with an inner device that automatically stops the fluid dispensing when the tank is full. These nozzles also include a swivel connector.

PERFORMANCE

UP TO 140 L/MIN	1" BSP
FLOW RATE	INLET

A60 24MM	A80/A120/A140 29MM
SPOUT	SPOUT

A60

A80

A120

A140

PACKAGING

CODE		WEIGHT		PACKAGING			BOXES/EUROPALLET	
WITHOUT SWIVEL	WITH SWIVEL	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
A60								
-	F00603060	1,25	2,76	360X360X280	14X14X11	1	-	-
-	F00602020	1,20	2,65	360X360X280	14X14X11	1	-	-
-	F00613A00	1,30	2,87	360X360X280	14X14X11	1	-	-
-	F00870010	1,70	3,74	360X360X280	14X14X11	1	-	-
A80								
-	F00604030	1,93	4,25	360X360X280	14X14X11	1	-	-
A120								
-	F00610020	1,93	4,25	360X360X280	14X14X11	1	-	-
-	F00614A00	1,65	3,64	360X360X280	14X14X11	1	-	-
A140								
F00610200	-	2,00	4,41	460X200X80	181X78X31	1	-	-

CHART

A60 / A80 / A120 / A140

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 10/20 °C |

IN THE BOX

- A60/A80/A120/A140 NOZZLE

DETAILS

AUTOMATIC STOP

F 1" SWIVEL

DIMENSIONS

A60

15

40

MATERIALS

- BODY: ALUMINIUM
- SEAL: VITON

Dimensions expressed in millimeters

TECHNICAL DATA

CODE		DESCRIPTION	FLUIDS TYPE	FLOW RATE		INLET		SPOUT
WITHOUT SWIVEL	WITH SWIVEL			L/MIN	GPM	WITHOUT SWIVEL BSP	WITH SWIVEL BSP	EXT. Ø MM
A60								
-	F00603060	AUTOMATIC NOZZLE A60 W/SWIVEL 3/4" BSP	D G	60	16	F3/4"	F1"	20
-	F00602020	AUTO NOZZLE A60 W/SWIVEL 3/4" UNLEADED	D G	60	16	F3/4"	F1"	20
-	F00613A00	AUTO NOZZLE A60 EN 13012 W/SWIVEL 3/4"	D	70	19	F3/4"	F1"	24
-	F00870010	AUTOMATIC NOZZLE A60 W/K24 METER BLACK	D	70	19	-	F1"	24
A80								
-	F00604030	AUTOMATIC NOZZLE A80 W/SWIVEL 1" BSP	D G	90	24	-	F1"	29
A120								
-	F00610020	AUTOMATIC NOZZLE A120 W/SWIVEL 1" BSP	D G	120	32	-	F1"	29
-	F00614A00	AUTO NOZZLE A120 EN 13012 W/SWIVEL 1"	D	120	32	-	F1"	29
A140								
-	F00610200	AUTOMATIC NOZZLE A140 W/SWIVEL 1" BSP	D	140	37	-	F1"	29

A60 / A80 / A120 / A140

A280

FEATURES

- **AUTOMATIC**
- **READY TO USE**
- **HEAVY DUTY CONDITIONS**
- **STURDY STRUCTURE**

The PIUSI A280 is the biggest nozzle among the PIUSI range of automatic fuel nozzles with its flow rate up to 280 l/min and spout OD 38,5 mm.
Fully automatic thanks to the structural device that stops dispensing when the tank is full; it comes with a built-in swivel to guarantee maximum versatility.

PERFORMANCE

UP TO **280 L/MIN**	**1 1/2" BSP**
FLOW RATE	INLET

38,5MM
OD SPOUT
A280

A280

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
F13249000	3,30	7,28	-	-	1	-	-

PIUSI ®

| FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE |

INDEX

| A | A | Ad | B | D | F | G | G | K | O | W | W |
| AIR | ANTIFREEZE | AdBlue® | BIODIESEL | DIESEL | FOOD | GASOLINE | GREASE | KEROSENE | OIL | WATER | WINDSCREEN |

CHART

A280

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 10°C |
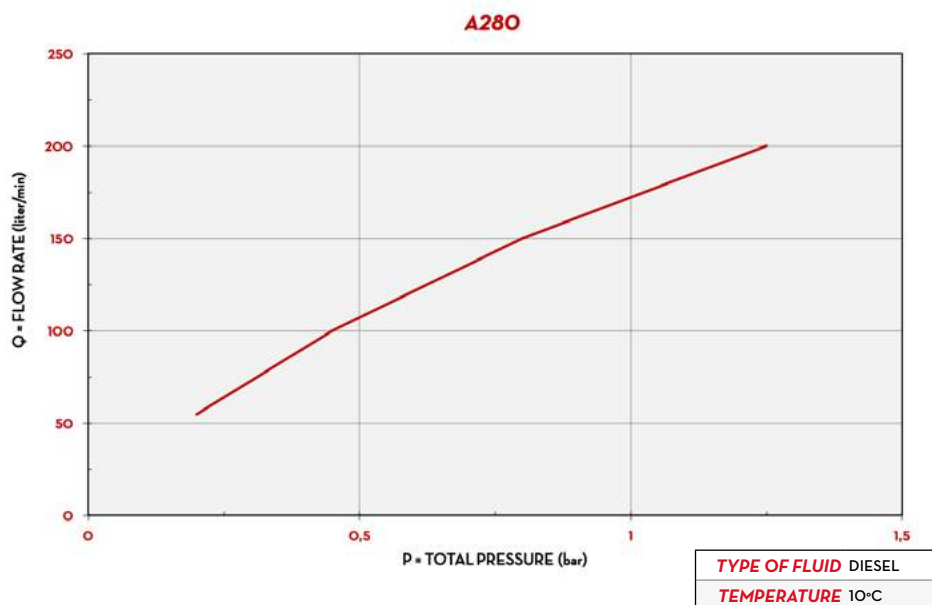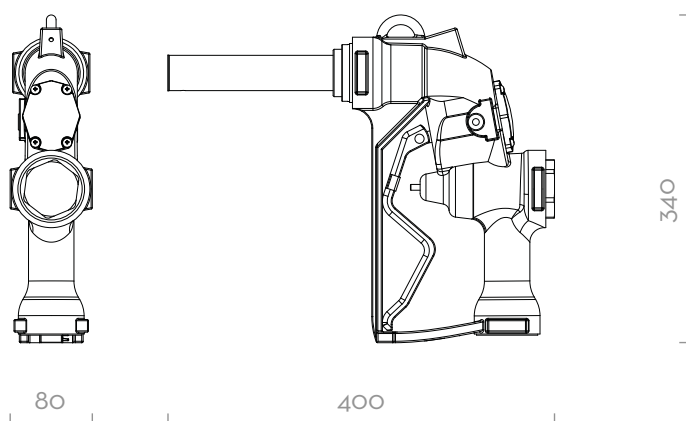
IN THE BOX

- A280 NOZZLE

DETAILS

AUTOMATIC STOP

F 1" SWIVEL

DIMENSIONS

80

400

340

Dimensions expressed in millimeters

MATERIALS

- BODY: ALUMINIUM
- SEAL: VITON

TECHNICAL DATA

| CODE | DESCRIPTION | FLUIDS TYPE | FLOW RATE | | INLET | | SPOUT |
WITH SWIVEL			L/MIN	GPM	WITHOUT SWIVEL BSP	WITH SWIVEL BSP	EXT. Ø MM
F13249000	AUTOMATIC NOZZLE A280 1" 1/2 BSP	D	280	74	-	1 1/2"	38,5

A280

SELF 2000 / SELF 3000

FEATURES

- **MANUAL**
- **VERSATILE**
- **HIGH EFFICIENCY**
- **LEVER PROTECTION**

The PIUSI SELF 2000 / SELF 3000 manual nozzles perform the maximum efficiency thanks to the low-flow resistance and the wide range of applications including transfer systems run by gravity. They are supplied with removable lever protection and connectors.

PERFORMANCE

UP TO 150 L/MIN	25MM OD SPOUT
FLOW RATE	SELF 2000 / SELF 3000

SELF 2000 DIESEL

SELF 3000 DIESEL/GASOLINE

PLASTIC NOZZLE WATER/DIESEL

PLASTIC NOZZLE WATER/FOOD

PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
00063900A	0,7	1,5	400X250X200	16X11X7,8	1		
00064900A	0,7	1,5	400X250X200	16X11X7,8	1		
00064902A	0,7	1,5	400X250X200	16X11X7,8	1		
00065001A	0,7	1,5	400X250X200	16X11X7,8	1		
00065600A	0,7	1,5	400X250X200	16X11X7,8	1		
F00641120	0,7	1,5	400X250X200	16X11X7,8	1		
F00641130	0,7	1,5	400X250X200	16X11X7,8	1		
F0065000A	0,7	1,5	400X250X200	16X11X7,8	1		
F00650020	0,7	1,5	400X250X200	16X11X7,8	1		
F0063000A	0,3	0,7	-	-	1		

FILTRATION   TANK MONITORING   HOSE REEL   ACCESSORIES   MERCHANDISE

PIUSI®

INDEX

| A | A | Ad | B | D | F | G | G | K | O | W | W |
| AIR | ANTIFREEZE | AdBlue® | BIODIESEL | DIESEL | FOOD | GASOLINE | GREASE | KEROSENE | OIL | WATER | WINDSCREEN |

CHART

SELF 2000 / SELF 3000

Q = FLOW RATE (liter/min)
P = TOTAL PRESSURE (bar)

— SELF2000
--- SELF3000

| TYPE OF FLUID | DIESEL |
| TEMPERATURE | 18°C |

IN THE BOX

• SELF 2000/ SELF 3000 NOZZLE
• INSTRUCTION MANUAL
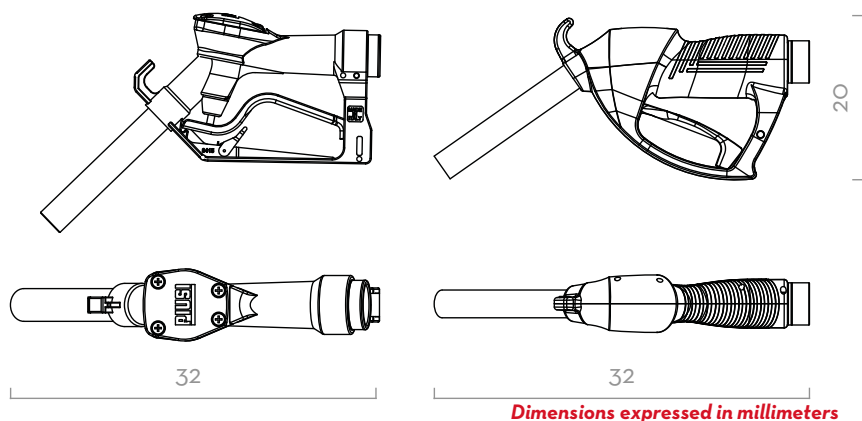
DETAILS

LEVER PROTECTION   ROTATING SWIVEL

DIMENSIONS

20

32   32

Dimensions expressed in millimeters

MATERIALS

• BODY: ALUMINIUM
• SEAL: VITON

TECHNICAL DATA

| CODE | DESCRIPTION | FLUIDS TYPE | FLOW RATE | | INLET | | SPOUT |
			L/MIN	GPM	SWIVEL	Ø BSP	EXT. Ø MM
00063900A	SELF 2000 1" BSP UNLEADED	B D G O	120	32	FEMALE	1" BSP	20
00064900A	SELF 2000 3/4" BSP	B D O	120	32	FEMALE	3/4" BSP	25
00064902A	SELF 2000 3/4" BSP UNLEADED	B D G O	120	32	FEMALE	3/4" BSP	20
00065001A	SELF 3000 1" BSP UNLEADED	B D O G	150	40	FEMALE	1" BSP	20
00065600A	SELF 2000 1" BSP SPOUT 25 MM	B D O	120	32	FEMALE	1" BSP	25
F00641120	SELF 2000 W/HOSE TAIL D.20 SPOUT 25 MM	B D O	120	32	FEMALE	3/4" BSP	25
F00641130	SELF 2000 1" BSP	B D O	120	32	FEMALE	1" BSP	25
F0065000A	SELF 3000 1" BSP LEADED SPOUT	B D O	150	40	FEMALE	1" BSP	25
F00650020	SELF 3000 1" BSP LEADED SPOUT S/P	B D G O W	150	40	FEMALE	1" BSP	25
F0063000A	PLASTIC NOZZLE BLACK W/SWIVEL 1" BSP	B D O W	80	21	FEMALE	1" BSP	34

SELF 2000 / SELF 3000

AUTOMATIC NOZZLES

A60 / A80 / A120 / A140	CODE	DESCRIPTION	
	F00623100	SWIVEL 34.1 M W/FILTER	
	F0062500A	SWIVEL 3/4IN X 20MM§	
			F00623100
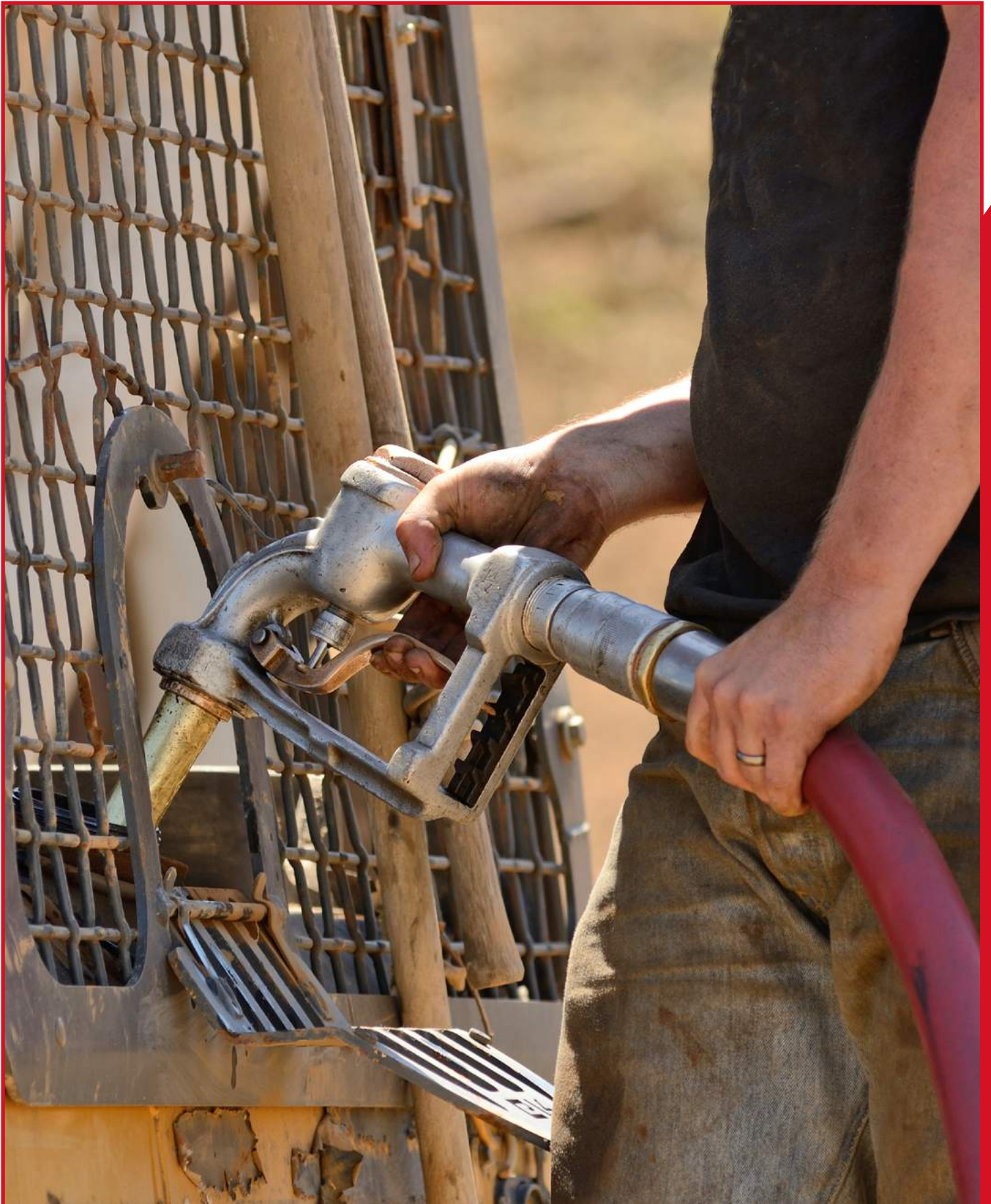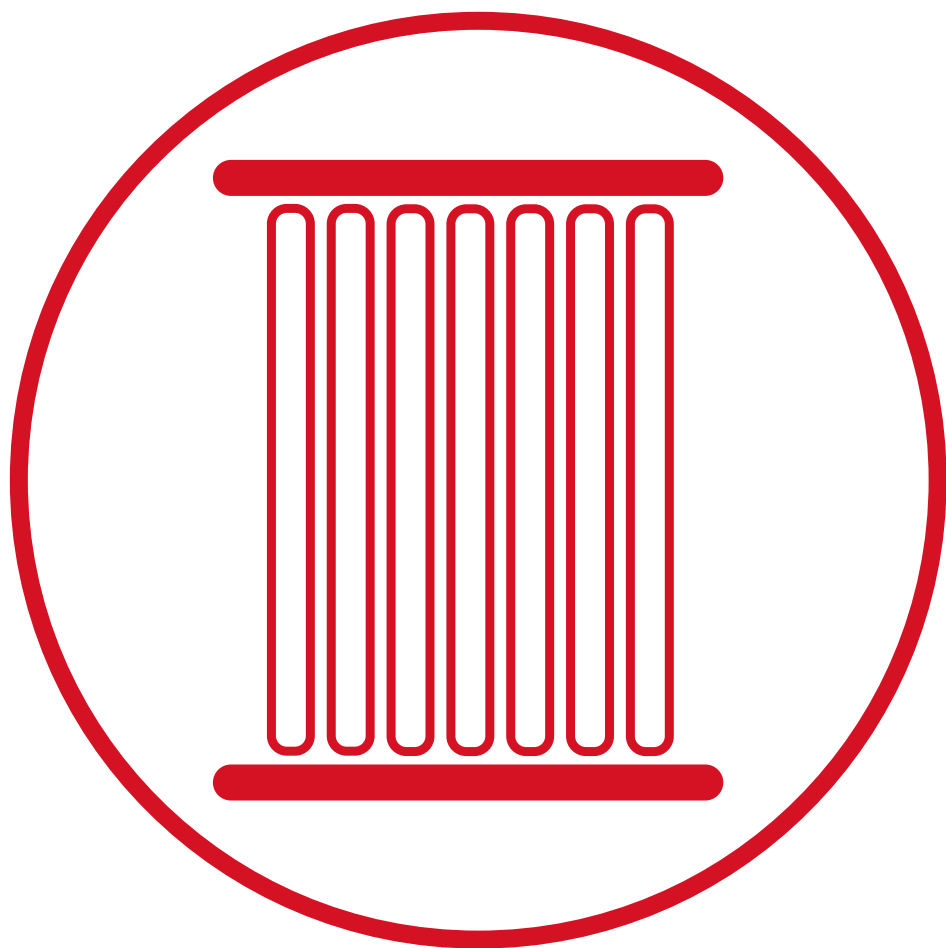
FILTRATION

FILTROLL

FEATURES

- **DOUBLE-STAGE FILTRATION**
- **SPIRAL TUBE**
- **EASY TO HANDLE**
- **LARGE-DIAMETER WHEELS**

The PIUSI FILTROLL is an innovative portable unit that provides a complete double filtering capacity of any kind of tank while absorbing water and impurities. The built-in sturdy trolley allows the operator to easily handle this device in any condition. It is equipped with suction pipe and integrated bottom valve.

PERFORMANCE

UP TO **56 L/MIN**	**AC/DC** *VOLTAGE*
FLOW RATE	POWER

30µ *WATER ABSORPTION*	**5µ** *IMPURITIES*
FILTERING	FILTERING

FILTROLL

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00506000	35	77,2	790X590X590	31,1X23,2X23,2	1
F0050606A	40	88,2	790X590X590	31,1X23,2X23,2	1

CHART

FILTROLL

Q = FLOW RATE (liter/min) vs P = TOTAL PRESSURE (bar)

| TYPE OF FLUID | SAE 0W90 |
| TEMPERATURE | 17°C |
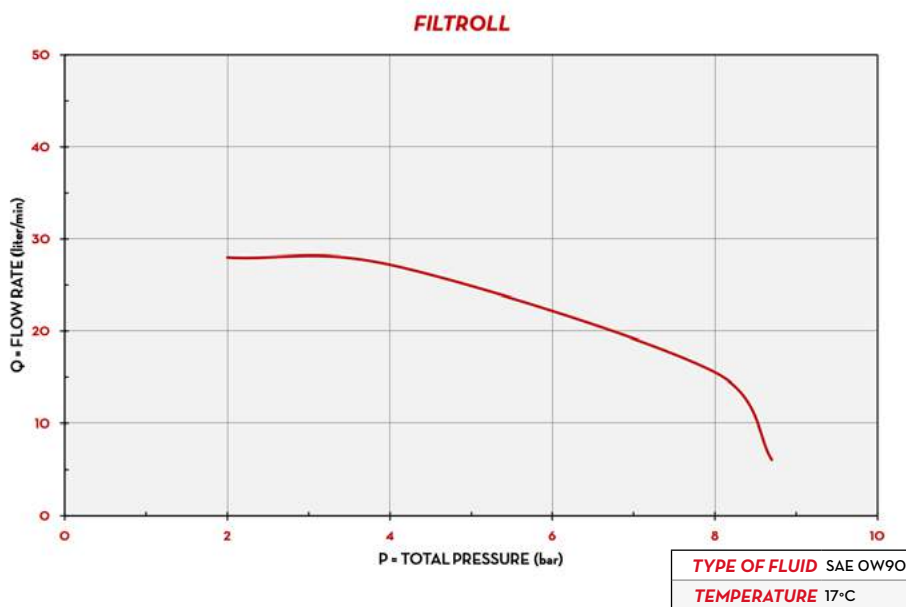
IN THE BOX

- FILTROLL UNIT
- SUCTION HOSE
- DELIVERY HOSE
- NOZZLE
- INSTRUCTION MANUAL

DETAILS

TWO-STEP FILTRATION

WATER/IMPURITIES FILTERS

DIMENSIONS
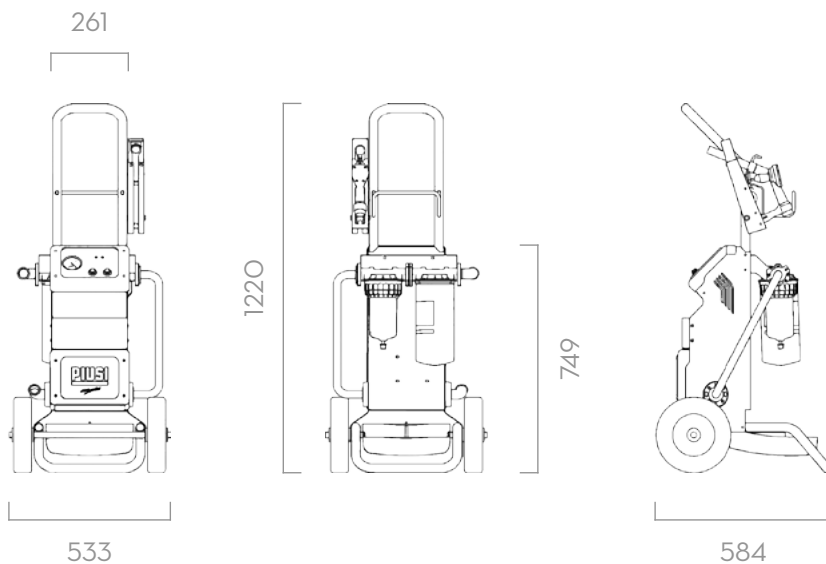
261
1220
749
533
584

Dimensions expressed in millimeters

MATERIALS

- BODY: CAST IRON
- ROTOR: SINTHERED STEEL
- VANES: TECHNOPOLYMER
- SHAFT: STEEL
- FILTER: ABSORBENT FILTERING PAPER

TECHNICAL DATA

| CODE | DESCRIPTION | FLUIDS TYPE | FLOW RATE | | VOLTAGE | | | PUMP | HOSE LENGTH | |
			L/MIN	GPM	AC V./HZ DC VOLT	POWER WATT	AMP. MAX.	TYPE	DELIVERY M/FT.	SUCTION M/FT
F00506000	FILTROLL DIESEL	D	56	14,8	230/50-60	350/600	3/6	PANTH. 56	4 / 13,1	3 / 9,8
F0050606A	FILTROLL 12V DIESEL	D	56	14,8	12	300	35	PANTH. DC	4 / 13,1	4 / 13,1

AVAILABLE IN VERSION 230V/60HZ, 120V/60HZ

FILTROLL

WATER CAPTOR

FEATURES

- **BURSTING PRESSURE 10 BAR**
- **REPLACEABLE CARTRIDGE**
- **HIGH EFFICIENCY**
- **SMALL SIZE**

The PIUSI WATER CAPTOR is a filter that absorbs any residual water particles that may be present in the fluid. The innovative cartridge needs to be replaced when filtering capacity is reduced due to the amount of water particles already absorbed. Available both for 70 or 150 l/min flow rates, these filters are also available with 1" inch fitting.

PERFORMANCE

UP TO **150 L/MIN**	**3,5 BAR** MAX
FLOW RATE	OPERATING PRESSURE

200ß/30µ
FILTERING CAPACITY

WATER CAPTOR 150 L/MIN

PACKAGING

CODE	WEIGHT	PACKAGING		
	KG	DIMENSIONS MM	CARTRIDGE PSC / BOX	FILTER HEAD PCS/BOX
WATER CAPTOR				
F00611A0A	2,4	390X285X140	2	1
F00611A1A	2,3	390X285X140	1	1
WATER CAPTOR CARTRIDGE				
F0061101A	9,8	420X320X250	12	-
F0061102A	9,7	350X350X360	6	-
WATER CAPTOR FILTER HEAD				
F14640000	-	357X357X275	-	50
F15743000	0,9	200X120X240	-	1

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

INDEX

A — AIR | A — ANTIFREEZE | Ad — AdBlue® | B — BIODIESEL | D — DIESEL | F — FOOD | G — GASOLINE | G — GREASE | K — KEROSENE | O — OIL | W — WATER | W — WINDSCREEN

PRODUCTS

150 L/MIN WATER CAPTOR WITH WATER ABSORPTION

70 L/MIN WATER CAPTOR WITH WATER ABSORPTION

IN THE BOX

- FILTER HEAD
- WATER CAPTOR CARTRIDGE
- INSTRUCTION MANUAL

DETAILS

FILTER HEAD

WATER CAPTOR CARTRIDGE

DIMENSIONS
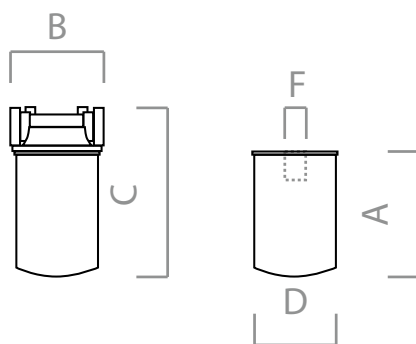
CODE	A (MM)	B (MM)	C (MM)	D (MM)	F
F00611A00	-	100	280	95	-
F00611A10	-	171	340	120	-
F00611010	220	-	-	95	1"-12 UNF
F00611020	275	-	-	120	1"1/2-16 UNF
F14640000	-	100	-	-	1"-12 UNF
F15743000	-	171	-	-	1"1/2-16 UNF 1"1/4 BSP

Dimensions expressed in millimeters

MATERIALS

- FILTER: ABSORBENT FILTERING PAPER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		INLET / OUTLET	WATER ABSORBING	EFFICIENCY	MICRO	PRESSURE
			L/MIN	GPM	BSP		ß	µ m	BAR
WATER CAPTOR									
F00611A0A	WATER CAPTOR FILTER 70L/MIN - 2 CARTD IT	D G	70	18,5	1"	YES	200	30	3,5
F00611A1A	WATER CAPTOR FILTER 150 L/MIN 1 CART IT	D G	150	39,6	1"	YES	200	30	3,5
WATER CAPTOR CARTRIDGE									
F00611O1A	WATER CAPTOR CARTD. 70 L/MIN (12PCS) IT	D G	70	18,5	-	YES	200	30	3,5
F00611O2A	WATER CAPTOR CART. 150 L/MIN (6PCS) IT	D G	150	39,6	-	YES	200	30	3,5
WATER CAPTOR FILTER HEAD									
F14640000	FILTER HEAD UNF 70 L/MIN	D G	-	-	1"	NO	-	-	-
F15743000	FILTER HEAD 70/100LT	D G	-	-	1"	NO	-	-	-

WATER CAPTOR

CLEAR CAPTOR

FEATURES

- **REPLACEABLE CARTRIDGE**
- **HIGH EFFICIENCY**
- **SMALL SIZE**

The PIUSI CLEAR CAPTOR is a range of cartridge filters that can be applied both on suction or delivery flow directions. They are equipped with a high-performance cartridge and a plastic container to collect all eventual impurities or water particles that may be present in the fluid. Thanks to the valve at the bottom of the container, it is possible to remove contaminations quickly and safely to ensure the maximum possible filter life.

PERFORMANCE

UP TO **150 L/MIN**	**5 BAR** MAX
FLOW RATE	OPERATING PRESSURE

2ß/5µ
FILTERING CAPACITY

PACKAGING

CODE	WEIGHT	PACKAGING		
	KG	DIMENSIONS MM	CARTRIDGE PSC / BOX	FILTER HEAD PCS/BOX
CLEAR CAPTOR				
F00611B00	2,3	390X285X140	2	1
F00611B10	2,0	390X285X140	2	1
F00611B60	2,3	390X285X140	1	1
CLEAR CAPTOR CARTRIDGE				
F00611030	1,9	190X190X240	6	-
F00611040	1,2	190X190X240	6	-
F00611060	0,2	190X190X240	1	1
CLEAR CAPTOR FILTER HEAD				
F15744000	1,0	200X120X240	-	1

PRODUCTS

IN THE BOX

- FILTER CARTRIDGE
- METALLIC HEAD
- ADDITIONAL CARTRIDGE
- INSTRUCTION MANUAL

DETAILS

| STRAINER CARTRIDGE | IMPURITIES PAPER CARTRIDGE |
| WATER PAPER CARTRIDGE | DRAIN VALVE |

MATERIALS

- FILTER: ABSORBENT FILTERING PAPER

DIMENSIONS

CODE	A (MM)	B (MM)	C (MM)	D (MM)	F
F00611B00	-	171	270	-	-
F00611B10	-	171	270	-	-
F00611B60	-	171	270	-	-
F00611030	110	-	-	75	1" BSP M
F00611040	155	-	-	75	1" BSP M
F00611060	110	-	-	75	1" BSP M
F15744000	-	171	-	-	1" BSP F

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		INLET / OUTLET	WATER ABSORBING	EFFICIENCY	MICRO	PRESSURE
			L/MIN	GPM	BSP		ß	µ m	BAR
CLEAR CAPTOR									
F00611B00	CLEAR CAPTOR FILTER	B D G	100	26,4	1"	NO	2	5	5
F00611B10	CLEAR CAPTOR WATER FILTER	B D G	70	18,5	1"	YES	200	30	5
F00611B60	CLEAR CAPTOR STRAINER	B D G	100	26,4	1"	NO	2	125	5
CLEAR CAPTOR CARTRIDGE									
F00611030	CLEAR CAPTOR CARTRIDGE	B D G	100	26,4	-	NO	2	5	-
F00611040	CLEAR CAPTOR WATER FILTER CARTRIDGE	B D G	70	18,5	-	YES	200	30	-
F00611060	CLEAR CAPTOR STRAINER CARTRIDGE	B D G	100	26,4	-	NO	2	125	-
CLEAR CAPTOR FILTER HEAD									
F15744000	FILTER HEAD CLEAR CAPTOR	B D G	-	-	1"	NO	-	-	-

CLEAR CAPTOR

FUEL & BIOFUEL

FEATURES

- **BURSTING PRESSURE 10 BAR**
- **REPLACEABLE CARTRIDGE**
- **HIGH EFFICIENCY**
- **SMALL SIZE**

Among its range of filters, PIUSI has developed the FUEL&BIOFUEL FILTER: cartridge and water absorbing filters that prevent fluid contamination thanks to their improved filtration capacity up to 30µ.

PERFORMANCE

UP TO 100 L/MIN	3,5 BAR MAX
FLOW RATE	OPERATING PRESSURE

FILTERING CAPACITY 200ß/10µ	FILTERING CAPACITY 2ß/5-10µ
BIOFUEL	FUEL

BIO-FUEL FILTER

OIL AND FUEL FILTER

LINE FILTER 1-1

PACKAGING

CODE	WEIGHT	PACKAGING		
	KG	DIMENSIONS MM	CARTRIDGE PSC / BOX	FILTER HEAD PCS/BOX
BIOFUEL FILTERS				
F00611C00	2	390X285X140	2	1
F00611C10	1,9	390X285X140	1	1
BIOFUEL FILTER CARTRIDGE				
F14861000	-	-	1	-
FUEL FILTERS				
F0777200A	1	200X120X140	1	1
F0914902O	2,6	390X285X140	1	1
FUEL FILTERS CARTRIDGE				
F0935901O	-	-	1	-
F16483010	9,2	500X300X200	15	-
FILTER HEAD				
F14528000	-	-	-	1
INLINE FILTER				
F0895000O	-	-	-	-

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

PIUSI ®

INDEX

A AIR | A ANTIFREEZE | Ad AdBlue® | B BIODIESEL | D DIESEL | F FOOD | G GASOLINE | G GREASE | K KEROSENE | O OIL | W WATER | W WINDSCREEN

DIMENSIONS

	A (MM)	B (MM)	C (MM)	D (MM)	F
FILTER FOR BIOFUEL					
F00611C00	-	100	275	95	-
F00611C10	-	171	340	130	-
F14861000	220	-	-	95	1" - 12 UNF
R14862000	275	-	-	130	1" 1/2 - 16 UNF
F14640000	-	100	-	-	1" - 12 UNF
F15743000	-	171	-	-	1" 1/2 - 16 UNF 1" 1/4 BSP
FILTER FOR FUEL AND OIL					
F077200A	-	100	160	98	-
F091490A	-	171	236	132	-
F09149020	-	171	236	132	-
F00611000	145	-	-	98	3/4" BSP
F09359000	180	-	-	132	1" 1/4 BSP
F09359010	180	-	-	132	1" 1/4 BSP
F14528000	-	100	-	-	3/4" BSP
F15743000	-	171	-	-	1" 1/2 - 16 UNF 1" 1/4 BSP
F16483010	139	-	-	93	3/4" BSP
LINE FILTER					
F08950000	-	-	-	-	-
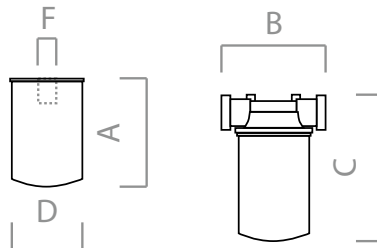
BIO-FUEL / OIL AND FUEL FILTERS
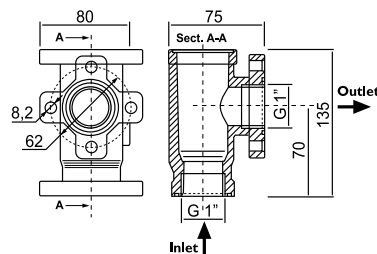
LINE FILTER 1-1

Dimensions expressed in millimeters

IN THE BOX

- FILTER CARTRIDGE
- METALLIC HEAD
- ADDITIONAL CARTRIDGE
- INSTRUCTION MANUAL

DETAILS

FILTER HEAD

REPLACEABLE CARTRIDGE

MESH STRAINER

LINE FILTER

MATERIALS

- FILTER: ABSORBENT FILTERING PAPER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		INLET / OUTLET	WATER ABSORBING	EFFICIENCY	MICRO	PRESSURE
			L/MIN	GPM	BSP		ß	µ m	BAR
BIOFUEL FILTERS									
F00611C00	BIO-FUEL FILTER 70 L/MIN 1"X1"	B G	70	18,5	1"	YES	200	10	3,5
F00611C10	BIO-FUEL FILTER 100 L/MIN 1"X1"	B G	100	26,4	1"	YES	200	10	3,5
BIOFUEL FILTER CARTRIDGE									
F14861000	CARTRIDGE 70 L/MIN BIO-FUEL	B G	70	19,5	-	YES	200	10	FUEL
FUEL FILTERS									
F077200A	60 L/MIN FILTER WITH HEAD	B D G O	60	15,9	1"	NO	2	10	12
F09149020	100 L/MIN FILTER WITH HEAD	B D G O	100	26,4	1"	NO	2	5	12
FUEL FILTERS CARTRIDGE									
F09359010	CARTRIDGE 100 L/MIN	B D G O	100	26,4	-	NO	2	5	12
F16483010	PIUSI BOX CARTRIDGE 60 L/MIN (15 PCS)	B D G O	60	15,9	-	NO	2	10	12
FILTER HEAD									
F14528000	FILTER HEAD 3/4 BSP 60 L/MIN	B D G O	-	-	1"	NO	-	-	-
INLINE FILTER									
F08950000	LINE FILTER	B D G O	-	-	1"	NO	-	-	-

FUEL & BIOFUEL

FOOT VALVE

FEATURES

- **HEAVY DUTY**
- **STURDY STRUCTURE**
- **LOW PRESSURE DROP**
- **ANTI-SHOCK MATERIALS**

The FOOT VALVE designed and engineered by PIUSI is a new concept of valve for fuel suction hoses on machinery. It is fitted with a mesh filter for diesel fuel residues, anti-shock materials to avoid damage caused by dropping and, thus, a low dropping pressure. The quick locking/unlocking and the clear indications of opening and closing complete its main features.

PERFORMANCE

125μ	1"-3/4"
	BSP
FILTERING CAPACITY	INLET

FOOT VALVE WITH FILTER

ØB

2   2
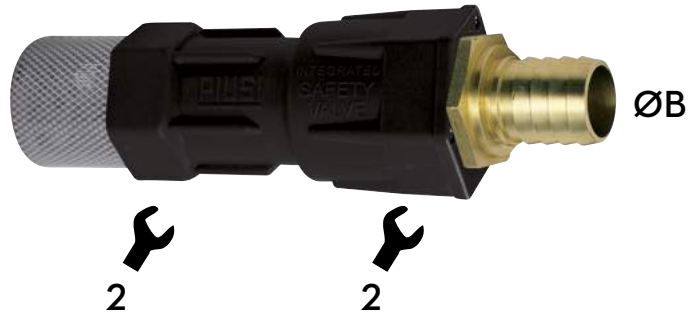
PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	DIMENSIONS MM	INCH	PCS/BOX
FOOT VALVE WITH FILTER					
F00609000	2,5	5,3	180X180X170	7,1X7,1X6,7	10
F00612000	0,2	0,44	-	-	1
F15749000	1,35	3	215X147X116	8,5X5,8X4,6	12
F07978000	6,7	14,8	180X180X170	7,1X7,1X6,7	25
F08153000	0,15	0,33	-	-	1
F09170000	6,5	14,3	180X180X170	7,1X7,1X6,7	25

A AIR | A ANTIFREEZE | Ad AdBlue® | B BIODIESEL | D DIESEL | F FOOD | G GASOLINE | G GREASE | K KEROSENE | O OIL | W WATER | W WINDSCREEN

102mm

ØA   ØA

F15749000

2   2   2

45mm

ØC

F07979000 (1" BSP)
F10571000 (3/4" BSP)

19mm

007757000

52mm

46mm

F09170000

63mm
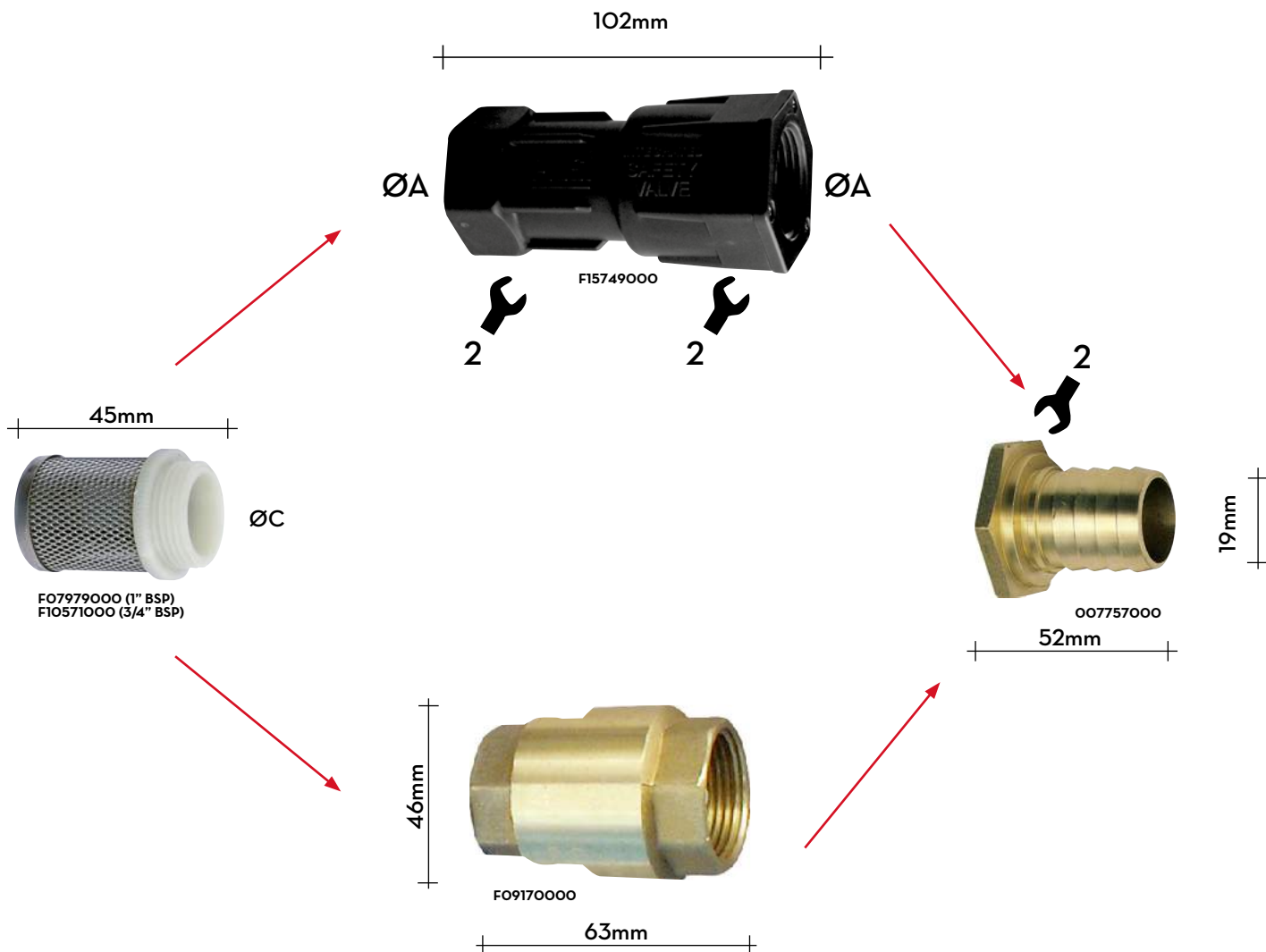
TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	SAFETY VALVE					A	B	C	KEY		MICRO
								Ø BSP	Ø BSP	Ø BSP	1	2	µ m
FOOT VALVE WITH FILTER													
F00609000	FOOT VALVE WITH FILTER 1" BSP	D G O	YES	YES	-	YES	YES	-	1"	-	38	-	125
F00612000	FOOT VALVE WITH FILTER 3/4" BSP	D G O	YES	YES	-	YES	YES	-	3/4"	-	31	-	125
F15749000	1" WITH BUILT-IN SAFETY VALVE	D G O	YES	YES	-	-	-	1"	-	-	-	42/46	-
F07978000	FOOT VALVE WO/FILTER 1" BSP	D O	-	-	YES	-	-	-	-	1"	-	-	-
F08153000	FOOT VALVE WO/FILTER 3/4" BSP	D O	-	-	YES	-	-	-	-	3/4"	-	-	-
F09170000	HIGH PRESSURE VALVE 1" BSP	D O	YES	-	YES	-	-	-	-	1"	-	-	-

FOOT VALVE

TANK MONITORING

OCIO

FEATURES

- **LOW/HIGH LEVEL ALARMS**
- **FLUID MEASURES INDICATION**
- **BUILT-IN DISPLAY**

OCIO is PIUSI's tank level indicator suitable for any kind of fluid storaged in tanks up to a 4 mt depth. It gives a real time indication of the fluid quantity inside the tank. It is easy to calibrate and has two alarms that can be adjusted at a specific high and low level for high and low levels.

PERFORMANCE

UP TO **4MT** HEIGHT	± **1%** FULL SCALE
TANK	ACCURACY

UP TO **50 MT** LENGTH	UP TO **30 CST**
PROBE TUBE	VISCOSITY

OCIO

10 METERS HOSE

BRASS PROBE

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00755100	2,2	4,8	300X410X100	11,8X16,1X3,9	1
F00755160	2,2	4,8	300X410X100	11,8X16,1X3,9	1

FILTRATION	TANK MONITORING	HOSE REEL	ACCESSORIES	MERCHANDISE

INDEX

A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

FUNCTIONING

Fuel level
*10mm
Measured
resolution*

Fuel volume
*20 litres
Calculated
resolution*

Fuel %
*1%
Calculated
resolution*

Power AC

Alarm

Pc Communiction kit

Length up to 50 m

DIMENSIONS

170

180

180

60

Dimensions expressed in millimeters
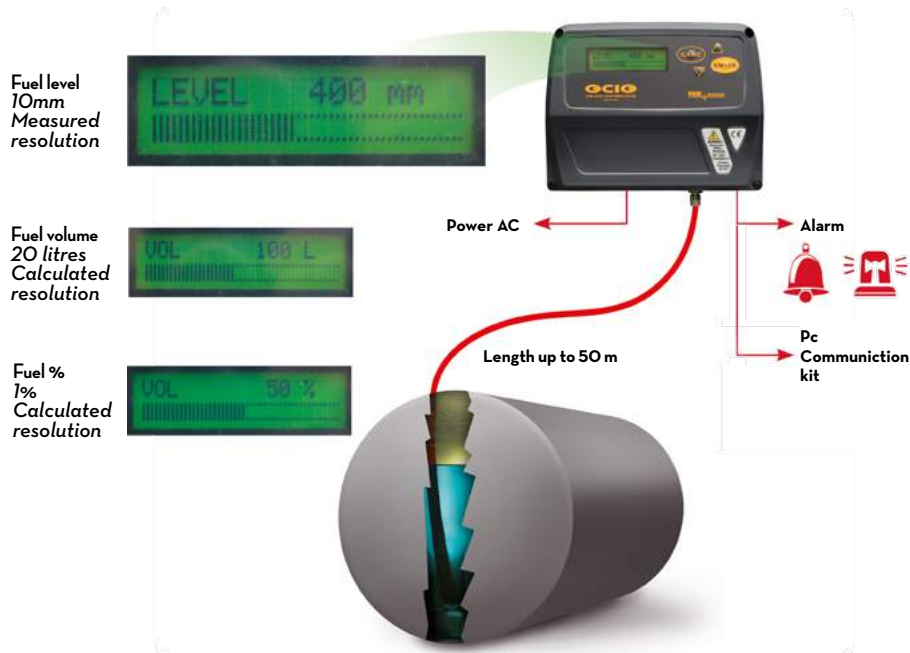
IN THE BOX

- OCIO UNIT
- PROBE
- 10 MT TUBE
- INSTRUCTION MANUAL

DETAILS
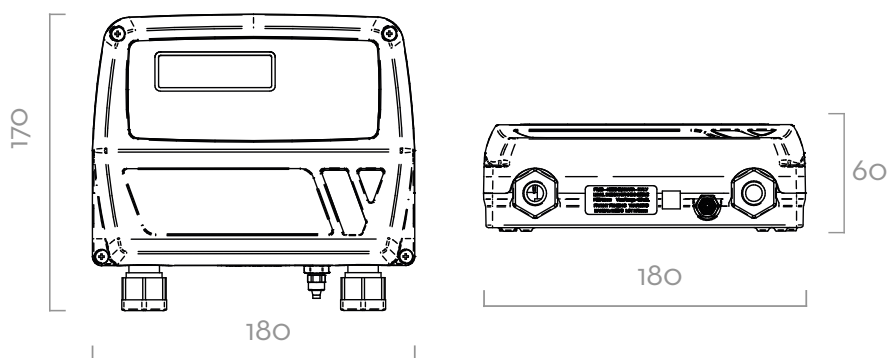
BRASS PROBE

2 ALARMS

MATERIALS

- PROBE: BRASS
- TUBE: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	VISCOSITY	VOLTAGE		RS EXIT
			cSt	AC V./HZ	POWER WATT	
F0075510D	LEVEL INDICATOR OCIO LV / RS OUTPUT	A B D O W	UP TO 30	230/50	20	AVAILABLE
F0075516O	LEVEL INDICATOR OCIO LV / 4/20 mA OUTPUT	A B D O W	UP TO 30	230/50	20	AVAILABLE

OCIO

OCIO 2.0

FEATURES

- **LOW/HIGH LEVEL ALARMS**
- **FLUID QUANTITY INDICATION**
- **FLUID HEIGHT INDICATION**
- **BUILT-IN DISPLAY**
- **COMPATIBLE WITH SSM 2.0, MCO 2.0 AND B.SMART**

With its brand-new design, OCIO 2.0 by PIUSI is the upgraded version of the tank level indicator compatible with SSM 2.0 and MCO 2.0 systems. It requires a LAN/Wi-Fi connection to communicate with the software. It maintains all the performances of the standard OCIO. Thanks to its interchangeable probe, OCIO 2.0 is compatible with several fluids.

PERFORMANCE

UP TO **4MT** HEIGHT TANK	**± 1%** FULL SCALE ACCURACY
UP TO **50 MT** LENGTH PROBE TUBE	UP TO **30 CST** VISCOSITY

OCIO 2.0

10 METERS HOSE

BRASS PROBE

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00755260	2,2	4,8	300X410X100	11,8X16,1X3,9	1
F00755220	2,2	4,8	300X410X100	11,8X16,1X3,9	1
F0075521A	2,2	4,8	300X410X100	11,8X16,1X3,9	1

CONNECTION

Existing LAN network

PW MOBILE 4G

WI-FI on request

IN THE BOX

- OCIO 2.0
- PROBE
- 10 MT TUBE
- INSTRUCTION MANUAL

DETAILS

BRASS PROBE (INOX PAG. 184) | 2 ALARMS

INTEGRATED LAN ADAPTER | SSM 2.0 SOFTWARE (pag. 28)

FUNCTIONING

Fuel level
10mm
Measured
resolution

LEVEL 400 mm

Fuel volume
20 litres
Calculated
resolution

VOL 100 L

Fuel %
1%
Calculated
resolution

VOL 50 %

Alarm

MATERIALS

- PROBE: BRASS
- TUBE: TECHNOPOLYMER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	VISCOSITY cSt	VOLTAGE AC V./HZ	POWER WATT	RS EXIT
F00755260	LEVEL INDICATOR OCIO MC 2.0	A B D O W	UP TO 30	230-50/60	20	REQUIRED
F00755220	LEVEL INDICATOR OCIO RS485 2.0	A B D O W	UP TO 30	230-50/60	20	REQUIRED
F0075521A	LEVEL INDICATOR OCIO WIFI 2.0	A B D O W	UP TO 30	230-50/60	20	REQUIRED

OCIO 2.0

TANK LEVEL INDICATORS

OCIO	CODE	DESCRIPTION	
	F1391300A	KIT 50 MT OCIO PIPE D.6X4	F1391300A

OCIO 2.0	CODE	DESCRIPTION	
	F1391300A	KIT 50 MT OCIO PIPE D.6X4	F1391300A

HOSE REEL

DIESEL HOSE REEL

FEATURES

- **STURDY STRUCTURE**
- **HAND PROTECTION**
- **CORROSION RESISTANCE**
- **REDUCED PRESSURE LOSS**
- **HEAVY DUTY CONDITIONS**

PIUSI automatic DIESEL HOSE REELS for diesel have been designed to ensure high efficiency. The sturdy structure can guarantee the best performance also in heavy duty conditions.

PERFORMANCE

15 BAR	MAX 20 MT
MAX	LENGTH
OPERATING PRESSURE	HOSE BOUND

AUTOMATIC HOSE REEL WITH HOSE

HOSE DIESEL HOSE REEL FOR 12M HOSE VERSION

PACKAGING							
CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX	✈	🚢
WITHOUT HOSE							
F0075000A	19	41,9	550X260X540	-	1	12	20
F0075001A	18	39,7	550X260X540	-	1	12	20
F0075008A	15	33,1	550X260X540	-	1	12	20
F0075025A	27	59,5	560X350X560	-	1	12	20
F0075031O	21	46	550X260X540	-	1	12	20
F0075018B	21	46	550X260X540	-	1	12	20
WITH HOSE							
F0075002B	26	57,3	550X260X540	-	1	12	20
F0075003B	25	55,1	550X260X540	-	1	12	20
F0075023B	18	39,7	550X260X540	-	1	12	20
F0075004B	22	49,5	550X260X540	-	1	12	20
F0075012B	22	49,5	550X260X540	-	1	12	20
F0075024B	18	39,7	550X260X540	-	1	12	20
F0075009B	19	41,9	550X260X540	-	1	12	20
F0075010B	27	59,5	550X260X540	-	1	12	20
F0075019B	27	59,5	560X350X560	-	1	8	12
F0075026B	27	59,5	560X350X560	-	1	8	12
F0075013B	23	50,7	550X260X540	-	1	12	20

FILTRATION TANK MONITORING HOSE REEL ACCESSORIES MERCHANDISE

PIUSI®

INDEX

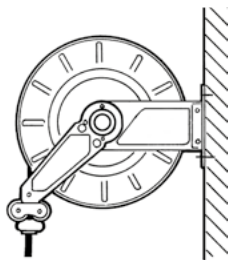| A	A	Ad	B	D	F	G	G	K	O	W	W
AIR	ANTIFREEZE	AdBlue®	BIODIESEL	DIESEL	FOOD	GASOLINE	GREASE	KEROSENE	OIL	WATER	WINDSCREEN

INSTALLATION&DIMENSIONS

Different ways to install PIUSI's hose reels: they can be easily placed wherever you need them without any problem about functionality and safety. PIUSI's products are without a doubt designed to support your work in any condition.
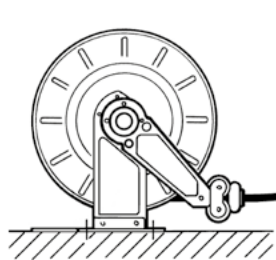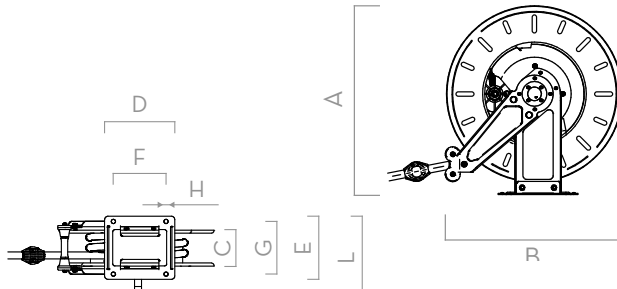
IN THE BOX

- REEL
- WALL MOUNT BRACKET
- INSTRUCTION MANUAL
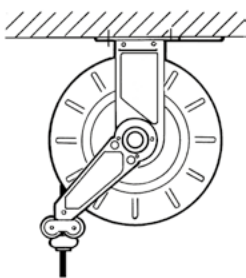
ROOF INSTALLATION

WALL INSTALLATION

GROUND INSTALLATION

HOSE REEL FRONT / SIDE

DETAILS

4 ROLLS HOSE GUIDE

AUTOMATIC HOSE REELS

DIFFERENT INSTALLATIONS

STURDY DESIGN

MODEL	HOSE REEL XL	HOSE REEL BIG	HOSE REEL SMALL
A	512	495	475
B	470	460	460
C	227	152	102
D	200	200	150
E	322	246	196
F	160	150	150
G	260	200	150
H	12	12	12
L	382	306	256

Dimensions expressed in millimeters

MATERIALS

- BODY: CAST IRON
- HUB: SYNTHERED STEEL
- TUBE: RUBBER

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	HOSE BSP	MAX OPERATING PRESSURE BAR	PRESSURE DROP TYPE	INLET WITH SWIVEL BSP	OUTLET HOSETAIL BSP	HOSE MAX LENGTH BOUND METERS	HOSE LENGTH METER
WITHOUT HOSE									
F0075000A	HOSE REEL 3/4" BIG	D	3/4"	10	0,15 @ 60 L/MIN	1" MALE	3/4"	14	-
F0075001A	HOSE REEL 1" BIG	D	1"	10	0,2 @ 80 L/MIN	1" MALE	1"	10	-
F0075008A	HOSE REEL 3/4" SMALL	D	3/4"	10	0,15 @ 60 L/MIN	1" MALE	3/4"	10	-
F0075025A	HOSE REEL 1" XL HEAVY DUTY (STEEL HUB)	D	1"	15	0,5 @ 80 L/MIN	1" FEMALE	1" MALE	15	-
F0075031O	HOSE REEL NAKED XL 20M	D	3/4"	10	0,15 @ 60 L/MIN	1" FEMALE	3/4" MALE	20	-
F0075018B	HOSE REEL NAKED XL 15M	D	1"	10	0,2 @ 80 L/MIN	1" FEMALE	1" MALE	15	-
WITH HOSE									
F0075002B	HOSE REEL 8X1" BIG	D	1"	10	0,6 @ 80 L/MIN	1" FEMALE	1" MALE	-	8
F0075003B	HOSE REEL 10X1" BIG	D	1"	10	0,7 @ 80 L/MIN	1" FEMALE	1" MALE	-	10
F0075023B	HOSE REEL 10X1" BIG HEAVY DUTY (STEEL HUB)	D	1"	10	0,7 @ 80 L/MIN	1" FEMALE	1" MALE	-	10
F0075004B	HOSE REEL 10X3/4" BIG	D	3/4"	10	0,7 @ 60 L/MIN	1" FEMALE	1" MALE	-	10
F0075012B	HOSE REEL 10X3/4" BIG	D	3/4"	10	0,7 @ 60 L/MIN	1" FEMALE	3/4" MALE	-	10
F0075024B	HOSE REEL 10X3/4" BIG HEAVY DUTY (STEEL HUB)	D	3/4"	10	0,9 @ 60 L/MIN	1" FEMALE	1" MALE	-	10
F0075009B	HOSE REEL 8X3/4" SMALL	D	3/4"	10	0,6 @ 60 L/MIN	1" FEMALE	1" MALE	-	8
F0075010B	HOSE REEL 14X3/4" BIG	D	3/4"	10	0,6 @ 60 L/MIN	1" FEMALE	1" MALE	-	14
F0075019B	HOSE REEL 15X1" XL	D	1"	15	1 @ 80 L/MIN	1" FEMALE	1" MALE	-	15
F0075026B	HOSE REEL 15X1" XL HEAVY DUTY (STEEL HUB)	D	1"	15	0,8 @ 80 L/MIN	1" FEMALE	1" MALE	-	15
F0075013B	HOSE REEL 10 X 3/4" BIG GASOLINE	D	3/4"	15	0,7 @ 80 L/MIN	1" FEMALE	1" MALE	-	10

MINIMUM RADIUS OF CURVATURE FOR 3/4 HOSE SIZES "AND 1" OF AT LEAST 130MM; ELECTRICALLY,
THE HOSE MUST BE CONDUCTOR R<1 MOhm/m

DIESEL HOSE REEL

HOSE REELS
ACCESSORIES

DIESEL HOSE REEL	CODE	DESCRIPTION
	F162790OA	BIG HOSE REEL ROTATING SUPPORT
	F162980OA	BIG HOSE REEL FIXED BASE
	F16367000	DIESEL HOSE Ø25 L=1M CRIMPED 1"X1"
	F173160OA	SMALL HOSE REEL FIXED BASE
	F173170OA	SMALL HOSE REEL ROTATING SUPPORT
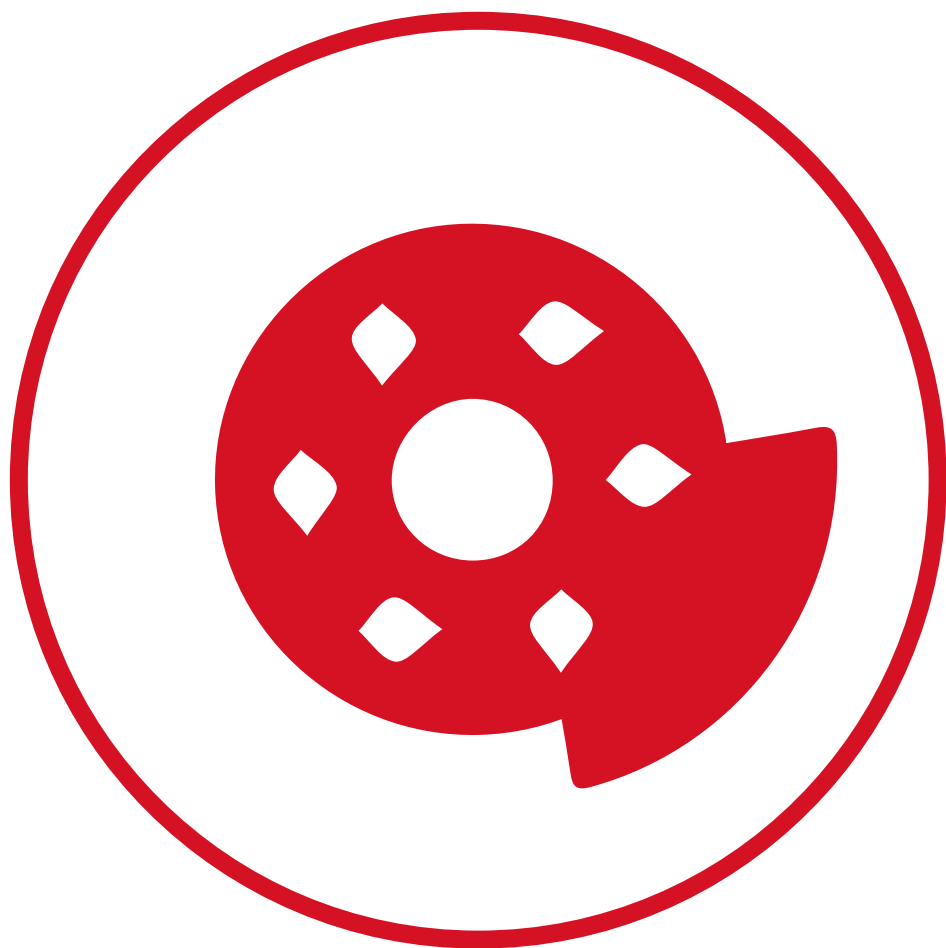
F162980OA
F173160OA

F162790OA
F173170OA

F16367000

ACCESSORIES

ACCESS 85

FEATURES

- **ACCESS CONTROL**
- **SUITABLE FOR ANY PUMP AND SYSTEM**
- **READY TO USE**
- **MULTI USERS**
- **LEVEL CONTROL INPUT**

The PIUSI ACCESS 85 is an electronic control unit that allows users to control the withdrawal of fuel from a tank by several users. It is able to control: pump start and stop, user access by means of electronic key, the position of the dispenser gun with relevant go ahead. It also features a built-in emergency button to stop all operations.

PERFORMANCE

UP TO 85	AC CONTINUOUS DUTY
USERS	POWER

ACCESS 85

PACKAGING

CODE	WEIGHT		PACKAGING		
	KG	LBS	MM	INCH	PCS/BOX
F00702000	0,7	1,5	120X140X200	4,7X5,5X7,9	1
F00702010	0,7	1,5	120X140X200	4,7X5,5X7,9	1

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

PIUSI ®

INDEX

A AIR | A ANTIFREEZE | Ad AdBlue® | B BIODIESEL | D DIESEL | F FOOD | G GASOLINE | G GREASE | K KEROSENE | O OIL | W WATER | W WINDSCREEN

FUNCTIONING

PUMP CONTROL   **NOZZLE SWITCH CONTROL**   **TANK ALARM CONTROL**

IN THE BOX

- ACCESS 85 UNIT
- INSTRUCTION MANUAL

DETAILS
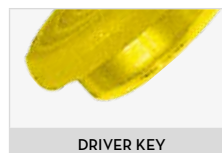
DRIVER KEY   EMERGENCY BUTTON

TECHNICAL DATA

| CODE | DESCRIPTION | FLUIDS TYPE | USERS | USERS KEY | VOLTAGE | | |
					AC V./HZ	POWER WATT	AMP. MAX.
F00702000	ACCESS 85	D G K O	85	NO	230	3,5	6
F00702010	KIT ACCESS 85	D G K O	85	4	230	3,5	6

ACCESS 85

CONNECTORS

FEATURES

- **STURDY STRUCTURE**
- **READY TO USE**
- **SEVERAL SOLUTIONS AVAILABLE**

The range of fuel products is completed with a wide array of accessories for connecting products to allow the best performance. Starting form the 2" connectors and quick coupling.

PERFORMANCE

2"	2"
DRUM CONNECTOR	QUICK COUPLING

2" DRUM CONNECTOR WITHOUT INTEGRATED VALVE

2" DRUM CONNECTOR WITH FLANGED AND INTEGRATED VALVE

2" DRUM CONNECTOR WITH INTEGRATED VALVE

2" QUICK COUPLING

PACKAGING				
CODE	**PACKAGING**			
	KG	MM	INCH	PCS/BOX
2" CONNECTOR				
F17163000	0,6	133X98X85		1
F17190000	0,6	133X98X85		1
F08934010	3,9	830X160X100		
F17163010	0,8	133X98X85		1
2" QUICK COUPLING				
R09160000	0,9	133X98X85		1
F0893000A	0,9	133X98X85		1
EXTENSIBLE PIPE				
F08934000	0,2	680X40X40		
F08934020	1,9	680X40X40		1

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

PIUSI®

INDEX

A — AIR
A — ANTIFREEZE
Ad — AdBlue®
B — BIODIESEL
D — DIESEL
F — FOOD
G — GASOLINE
G — GREASE
K — KEROSENE
O — OIL
W — WATER
W — WINDSCREEN

DIMENSIONS

COMPLETE KIT EXTENSIBLE SUCTION PIPE (1800MM)

B

1100mm

C

800mm

A
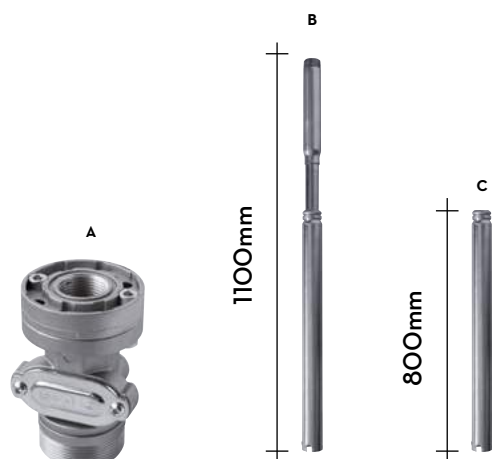
A:
DRUM CONNECTOR FLANGED AND VALVE
B:
EXTENSIBLE STEEL PIPE 1" BSP
C:
STEEL PIPE 1" BSP

CODE:
F008934010
WEIGHT:
3,9 KG
PACKAGING:
820X150X100

IN THE BOX

- CONNECTOR
- INSTRUCTION MANUAL

DETAILS

MESH STRAINER

INTEGRATED VALVE

DIMENSIONS

EXTENSIBLE PIPE PLASTIC MADE

1100mm

EXTENSIBLE STEEL PIPE 1" BSP

1100mm

2" CONNECTOR

2" QUICK CONNECTOR
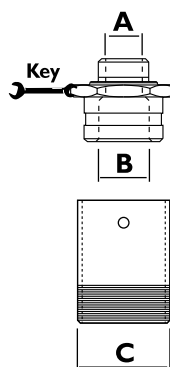
A

Key

B

C

Dimensions expressed in millimeters

MATERIALS

- STEEL

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	INTEGRATED VALVE	FILTER	INLET BSP	OUTLET BSP	THREADED FLANGE BSP	A BSP	B BSP	C BSP	KEY
2" CONNECTOR											
F17163000	DRUM CONNECTOR WITH INTEGRATED VALVE	D G K O	YES	YES	2"	-	NO	1"	1"	2"	-
F17190000	DRUM CONNECTOR WITHOUT INTEGRATED VALVE	D G K O	NO	YES	2"	-	NO	1"	1"	2"	-
F17163010	DRUM CONNECTOR WITH FLANGED AND INTEGRATED VALVE	D G K O	YES	YES	2"	1"	YES	1"	1"	2"	-
F08934010	KIT EXTENSIBLE SUCTION PIPE 1" 1800MM	D G K O	YES	YES	2"	1"	YES	1"	1"	2"	-
2" QUICK COUPLING											
R09160000	QUICK COUPLING 3/4"	D O	NO	NO	3/4"	1"	NO	M 3/4"	F 1"	M 2"	60
F089300OA	QUICK COUPLING 1"	D O	NO	NO	1"	1"	NO	M 1"	F 1"	M 2"	60
EXTENSIBLE PIPE											
F08934000	EXTENSIBLE SUCTION PIPE 1" 1100MM PLAST.	D G K O	-	-	1"	1"	-	-	-	-	-
F08934020	EXTENSIBLE SUCTION PIPE 1" 1100MM STEEL	D G K O	-	-	1"	1"	-	-	-	-	-

CONNECTORS

COUPLING & FITTINGS

FEATURES

PIUSI COUPLING & FITTINGS are engineered to fit every application context represen-ting the perfect solution to connect the fuel equipment.

- **EASY TO USE**
- **VERSATILITY AND SEVERAL SHAPES**

TECHNICAL DATA

CODE	DESCRIPTION	INLET / OUTLET			KEY		Q.TY
		A	B	C	1	2	

ELBOWS

FO7806000	ELBOW F ·" BSP / F ·" BSP	F 3/4"BSP	F 3/4"BSP	-	-	-	-
FO7805000	ELBOW M ·" BSP / F ·" BSP	M 3/4"BSP	F 3/4"BSP	-	-	-	-
FO8609000	ELBOW F 1" BSP / F 1" BSP - BRASS	F 1" BSP	F 1" BSP	-	-	-	-
FO7988000	ELBOW M 1" BSP / F 1" BSP - BRASS	M 1" BSP	F 1" BSP	-	-	-	-
F14567000	ELBOW ROTATING CONNECTOR 90° 1" M/F	M 1" BSP	F 1" BSP	-	-	-	-

ROTATING ELBOWS

ELBOWS
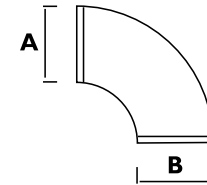
HOSE TAILS

FO82670OA	HOSETAIL ·" X D.20 + OR	1/2" BSP	19 MM	-	24	-	1
FO64370OA	HOSETAIL ·" X D.20 + OR (20 PCS)	3/4" BSP	19 MM	-	32	-	20
FO77680OB	HOSETAIL ·" X D.25 + OR (20 PCS)	3/4" BSP	25 MM	-	32	-	20
FO77570OA	HOSETAIL 1" X D.20 + OR (20 PCS)	1" BSP	19 MM	-	37	-	20
FO77640OA	HOSETAIL 1" X D.25 + OR (20 PCS)	1" BSP	25 MM	-	37	-	20

HOSE TAILS
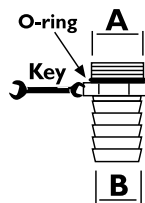
HQC

		KG.	MM.	PCS/BOX
FO0636000	HQC - HOSE QUICK COUPLING 1" BSP	0,46	80X80X75	1

HQC
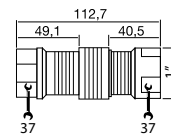
SEALANT PASTE

		GR.	ML.
FO8173000	ADEHESIVE PASTE LOXEAL 18-10	130	-
F10767000	THREAD SEALANT BLUE LOXEAL 55.03		250
F12278000	THREAD SEALANT GREEN LOXEAL 85.21		250

SEALANT PASTE

A — AIR | A — ANTIFREEZE | Ad — AdBlue® | B — BIODIESEL | D — DIESEL | F — FOOD | G — GASOLINE | G — GREASE | K — KEROSENE | O — OIL | W — WATER | W — WINDSCREEN

TECHNICAL DATA

CODE	DESCRIPTION	INLET / OUTLET			KEY		Q.TY
		A	B	C	1 🔧	2 🔧	

SLEEVE

CODE	DESCRIPTION	A	B	C	1	2	Q.TY
F08137000	SLEEVE HOSE DIAM. 20	28 MM	20 MM	-	-	-	1
F08138000	SLEEVE HOSE DIAM. 25	36 MM	28 MM	-	-	-	1
F17126000	SLEEVE F 1" BSP / F 1" BSP (20 PCS)	F 1" BSP	F 1" BSP	-	-	-	20

SLEEVE

COUPLINGS
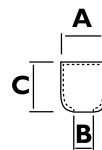
CODE	DESCRIPTION	A	B	C	1	2	Q.TY
F07762000	NIPPLE M ·" BSP / M 1" BSP	M 3/4"BSP	M 1" BSP	-	34	-	-
F08913000	NIPPLE M 1" BSP - M ·" BSP	M 1" BSP	M 1" 1/2" BSP	-	30	-	-
F07765000	NIPPLE M 1" BSP / M 1" BSP	M 1" BSP	M 1" BSP	-	34	-	-
F07766000	NIPPLE M ·" BSP / M ·" BSP	M 3/4"BSP	M 3/4"BSP	-	34	-	-

NIPPLE   **NIPPLE**
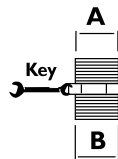
FITTINGS
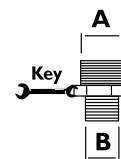
CODE	DESCRIPTION	A	B	C	1	2	Q.TY
F07441000	FITTING M ·" BSP / F ·" BSP	F 1/2"BSP	M 3/4"BSP	-	27	-	-
F07760000	FITTING M 1" BSP / F ·" BSP	F 3/4"BSP	M 1" BSP	-	34	-	-
F07889000	FITTING F 1" BSP / M ·" BSP	F 1" BSP	M 3/4"BSP	-	-	-	-
F142580OA	ADAPTER FOR TANK 2" X D.36	F 2" BSP	D.36	-	-	-	-

FITTINGS
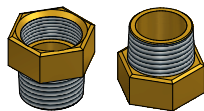
SWIVEL UNION

CODE	DESCRIPTION	A	B	C	1	2	Q.TY
000890000	SWIVEL UNION M ·" BSP X 27MM	3/4" BSP	19 MM	27 MM	38 MM	38 MM	-
000891000	SWIVEL UNION M 1" BSP X 27MM	1"	19 MM	27 MM	31 MM	31 MM	-
F00892000	SWIVEL UNION M 1" BSP X 35MM	1"	25 MM	35 MM	38 MM	38 MM	-
000893000	SWIVEL UNION M ·" BSP X 32MM	3/4"	19 MM	32 MM	31 MM	31 MM	-
000894000	SWIVEL UNION M 1" BSP X 32MM	1"	19 MM	32 MM	38 MM	38 MM	-
000895000	SWIVEL UNION M 1" BSP X 38MM	1"	25 MM	38 MM	38 MM	38 MM	-

UNION   **1**   **2**   **3**   **4**
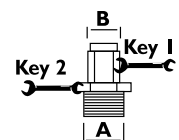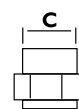
COUPLING & FITTINGS

FLANGED CONNECTIONS

FEATURES

- **STURDY DESIGN**
- **EASY TO FIT**
- **SEVERAL SHAPES**

Safe and guaranteed solutions to connect products: connections, elbows, full kits and flanges.
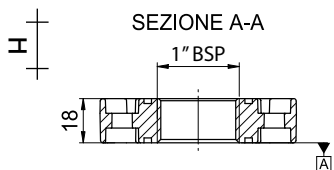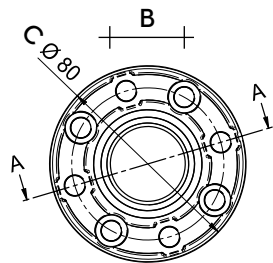
TECHNICAL DATA

CODE	DESCRIPTION	INLET / OUTLET				FLANGE	O-RING	OVAL RING	SCREW		GRUB SCREW	NUT
		A	B	C	H	N°	N°	N°	M8X20 N°	M8X30 N°	M8X50 N°	M8 N°

FLANGES

F0883200A	FLANGE D.80 1" E80/E120	-	1" BSP	80 MM	18 MM	-	-	-	-	-	-	-
F1290400A	KIT FLANGE 1" BSP	-	1" BSP	80 MM	18 MM	1	-	1	-	2	-	2
F0918000A	KIT FLANGE 1" BSP (2 PCS)	-	1" BSP	80 MM	18 MM	2	2	-	4	-	-	-
F110620OB	KIT FLANGE CUBE 70	-	1" BSP	80 MM	18 MM	1	1	-	2	-	-	-
R08417000	KIT N°2 OR SEAL 3156	-	-	-	-	-	2	-	-	-	-	-
F1444500A	KIT FLANGE ·" BSP (2 PCS)	-	3/4" BSP	80 MM	18 MM	2	2	-	4	-	-	-
F0898500A	OR SEAL 3156 OVAL SECTION DIESEL ONLY	-	-	-	-	-	-	1	-	-	-	-
F08043000	SCREW M8X30 N°10 PIECES	-	-	-	-	-	-	-	-	10	-	-

FLANGE

C Ø 80   **B**   **A**

SEZIONE A-A

1" BSP

18

H

SCREW

NUT

GRUB SCREW

FLANGE

O-RING

OVAL RING

FLANGE KIT

FILTRATION | TANK MONITORING | HOSE REEL | ACCESSORIES | MERCHANDISE

PIUSI®

INDEX

A AIR | A ANTIFREEZE | Ad AdBlue® | B BIODIESEL | D DIESEL | F FOOD | G GASOLINE | G GREASE | K KEROSENE | O OIL | W WATER | W WINDSCREEN

TECHNICAL DATA

CODE	DESCRIPTION	DIMENSIONS	FLANGE	O-RING	OVAL RING	SCREW		GRUB SCREW	NUT
		LENGTH	N°	N°	N°	M8X20 N°	M8X30 N°	M8X50 N°	M8 N°

FLANGED TUBE

F121720OA	FLANGED TUBE 341MM§	341	-	-	-	-	-	-	-
F122280OB	FLANGED TUBE 300MM	300	-	-	-	-	-	-	-
F108240OA	KIT FLANGED + ELBOW + OR + SCREW	-	-	2	-	2	2	-	2
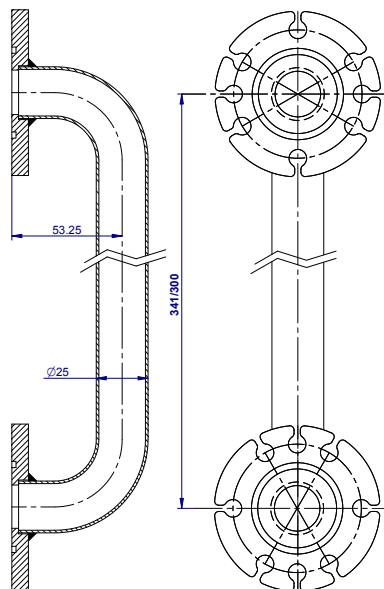
FLANGED TUBE 300/341

53.25

341/300

Ø25

42°

8.2

6.5

8.2

Ø 77
Ø 62
Ø 39

65

50

Ø 8,2

Ø 30

ELBOW

SCREW

NUT
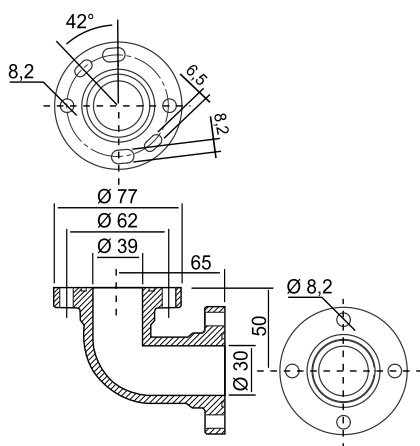
KIT FLANGED ELBOW

FLANGE

O-RING

FLANGED CONNECTIONS

HOSE & SWIVEL

Diesel fuel delivery hoses, suction hoses, crimped hoses, rotating hose connectors: a wide range to complete the accessories product range.

TECHNICAL DATA											
CODE	DESCRIPTION	FLUIDS TYPE	PRESSURE		VACUUM	DIMENSIONS				KEY	CAMLOCK
			BAR	PSI	BAR	A MM	B MM	S MM	L M/FT.		MALE/FEMALE BSP
DELIVERY HOSES											
F0060502A	DIESEL HOSE Ø20 PARKER 80 MT	D	10	-	-	20	27	-	80	-	-
F0060602A	DIESEL HOSE Ø25 PARKER 40MT	D	10	-	-	25	35	-	40	-	-
DELIVERY CRIMPED HOSES											
F11885000	DIESEL HOSE Ø20 L=4M CRIMPED -"X-"	D	10	-	-	3/4" BSP	3/4" BSP	20	4	-	-
F08561000	DIESEL HOSE Ø20 L=4M CRIMPED -"X1"	D	10	-	-	3/4" BSP	1" BSP	20	4	-	-
F08976000	DIESEL HOSE Ø20 L=4M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	20	4	-	-
F12876000	DIESEL HOSE Ø20 L=6M CRIMPED -"X-"	D	10	-	-	3/4" BSP	3/4" BSP	20	6	-	-
F11063000	DIESEL HOSE Ø20 L=6M CRIMPED -"X1"	D	10	-	-	3/4" BSP	1" BSP	20	6	-	-
F08945000	DIESEL HOSE Ø20 L=6M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	20	6	-	-
F11060000	DIESEL HOSE Ø20 L=7M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	20	7	-	-
F12323000	DIESEL HOSE Ø20 L=8M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	20	8	-	-
F11532000	DIESEL HOSE Ø20 L=10M CRIMPED -"X1"	D	10	-	-	3/4" BSP	1" BSP	20	10	-	-
F12929000	DIESEL HOSE Ø20 L=10M CRIMPED 1"X1"PARKE	D	10	-	-	1" BSP	1" BSP	20	10	-	-
011904000	CRIMPED HOSE Ø25 L=1.2M 1"X1"	D	10	-	-	1" BSP	1" BSP	25	1,2	-	-
F12794000	DIESEL HOSE Ø25 L=2M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	25	2	-	-
F08560000	DIESEL HOSE Ø25 L=3M 1"X1"	D	10	-	-	1" BSP	1" BSP	25	3	-	-
F08977000	DIESEL HOSE Ø25 L=4M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	25	4	-	-
F11264000	DIESEL HOSE Ø25 L=5M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	25	5	-	-
F08858000	DIESEL HOSE Ø25 L=6M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	25	6	-	-
F12784000	DIESEL HOSE Ø25 L=7M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	25	7	-	-
F11540000	DIESEL HOSE Ø25 L=8M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	25	8	-	-
F12785000	DIESEL HOSE Ø25 L=10M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	25	10	-	-
F14412000	DIESEL HOSE Ø25 L=12M CRIMPED 1"X1"	D	10	-	-	1" BSP	1" BSP	25	12	-	-

DISPENSING HOSES   **RUBBER HOSE**   **RUBBER SUCTION HOSE**   **PVC HOSE**   **CRIMPED HOSE**
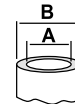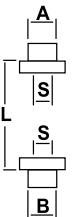
HOSE KIT 1" 1/2

F18798000	KIT HOSE 1 1/2" 10 MT+CAMLOCK+HOSETAIL	D	10	145	-	1" 1/2 BSP	-	-	-	-	1" 1/2 BSP
F18799000	KIT HOSE 1 1/2" 20 MT+CAMLOCK+HOSETAIL	D	20	65,6	-	1" 1/2 BSP	-	-	-	-	1" 1/2 BSP

HOSE KIT 1" 1/2   **CAMLOCK**

TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	PRESSURE		VACUUM	DIMENSIONS				KEY	CAMLOCK
			BAR	PSI	BAR	A MM	B MM	S MM	L M/FT.		MALE/FEMALE BSP

SUCTION HOSES

CODE	DESCRIPTION	FLUIDS TYPE	BAR	PSI	BAR	A MM	B MM	S MM	L M/FT.	KEY	CAMLOCK
F08870000	HOSE CARBUREX Ø25 50MT	D	10	-	- 0,9	25	33	-	50	-	-
F12120010	SUCTION SPIRAL HOSE D.25 60MT	D B O	10	-	-0,9	25	35	-	60	-	-
F1113100B	SUCTION SPIRAL PVC HOSE D.25 60MT	D O	10	-	-0,9	25	33	-	60	-	-

SUCTION CRIMPED SPIRAL HOSES

CODE	DESCRIPTION	FLUIDS TYPE	BAR	PSI	BAR	A MM	B MM	S MM	L M/FT.	KEY	CAMLOCK
F12117000	SUCTION SPIRAL HOSE D.25 CRIMP 1"/1" 1MT	D B O	10	-	- 0,9	1" BSP	1" BSP	25	1	-	-
F12118000	SUCT SPIRAL HOSE D.25 CRIMP 1"/1" 1.5MT	D B O	10	-	- 0,9	1" BSP	1" BSP	25	1,5	-	-
F12119000	SUCTION SPIRAL HOSE D.25 CRIMP 1"/1" 2MT	D B O	10	-	- 0,9	1" BSP	1" BSP	25	2	-	-
F13768000	SUCT SPIRAL HOSE D.25 CRIMP 1"/1" 3.5MT	D B O	10	-	- 0,9	1" BSP	1" BSP	25	3,5	-	-
F13695000	SUCTION SPIRAL HOSE D.25 CRIMP 1"/1" 5MT	D B O	10	-	- 0,9	1" BSP	1" BSP	25	5	-	-
F1640400A	KIT SUCT SPIRAL HOSE D.25 W/VALVE 4MT	D B O	10	-	- 0,9	1" BSP	1" BSP	25	4	-	-

SUCTION CRIMPED PVC SPIRAL HOSES

CODE	DESCRIPTION	FLUIDS TYPE	BAR	PSI	BAR	A MM	B MM	S MM	L M/FT.	KEY	CAMLOCK
F1113200A	TRAS. PVC HOSE Ø25 L=1.6M CRIMPED 1"X1"	D O	10	-	- 0,9	1" BSP	1" BSP	25	1,6	-	-
F11638010	TRAS. PVC HOSE Ø25 L=4M 1"X1" + FV	D O	10	-	- 0,9	1" BSP	1" BSP	25	4	-	-

RUBBER HOSE

SPIRAL RUBBER HOSE

SPIRAL PVC HOSE

SWIVEL
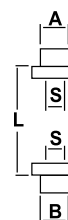
CODE	DESCRIPTION					A MM	B MM	S MM	L M/FT.	KEY	CAMLOCK
000623000	SWIVEL M ·" BSP / M 1" BSP	-	-	-	-	M 3/4"BSP	M 1" BSP	-	-	94	-
0006240 0A	SWIVEL M ·" BSP / F ·" BSP	-	-	-	-	M 3/4" BSP	F 3/4"BSP	-	-	38	-
F0062000A	SWIVEL M ·" BSP / F 1" BSP	-	-	-	-	M 3/4" BSP	F 1" BSP	-	-	34	-
F0062200A	SWIVEL M 1" BSP / F 1" BSP	-	-	-	-	M 1" BSP	F 1" BSP	-	-	34	-
F0062310 0	SWIVEL M ·" BSP / M 1" BSP W/FILTER	-	-	-	-	M 3/4" BSP	M 1" BSP	-	-	94	-
F0062500A	SWIVEL M ·" BSP X 20MM	-	-	-	-	M 3/4" BSP	20 MM	-	-	38	-

ROTATING SWIVEL

ROTATING HOSE CONNECTORS
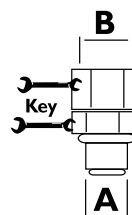
HOSE & SWIVEL

ACCESSORIES

ACCESS CONTROL

ACCESS 85	CODE	DESCRIPTION
	F124960OA	MANAGER KEY 2018
	F159040OA	KIT DRIVER KEY YELLOW (10PCS)
	F162390OB	NOZZLE HOLDER SS+CABLED SWITCH FM/MC
	F1712100O	LEVEL PROBE FOR ACCESS 85

F159040OA   F162390OB   F124960OA   F1712100O

MERCHANDISE

MERCHANDISE

PACKAGING							
CODE	DESCRIPTION	WEIGHT		PACKAGING			
		KG	LBS	MM	INCH	PCS/PALLET	PCS/BOX
T-SHIRT BLACK							
PBG000031	PIUSI T-SHIRT BLACK BOX 10 PCS - L	1	-	35X26X18	-	-	10
PBG000032	PIUSI T-SHIRT BLACK BOX 10 PCS - XL	1	-	35X26X18	-	-	10
T-SHIRT WHITE							
PBG000026	PIUSI T-SHIRT WHITE BOX 10 PCS - L	1	-	35X26X18	-	-	10
PBG000027	PIUSI T-SHIRT WHITE BOX 10 PCS - XL	1	-	35X26X18	-	-	10
PBG000029	PIUSI T-SHIRT WHITE BOX 10 PCS - M	1	-	35X26X18	-	-	10
WATER BOTTLE							
PBG000037	PIUSI WATER BOTTLE – BOX 20 PCS	-	-	-	-	-	20
CAP							
PBG000040	PIUSI CAP – BOX 10 PCS	-	-	-	-	-	10

PACKAGING							
CODE	**DESCRIPTION**	**WEIGHT**		**PACKAGING**			
		KG	LBS	MM	INCH	PCS/PALLET	PCS/BOX
METALLIC FLOOR STAND							
PBA000013	PIUSI METALLIC FLOOR STAND	76	-	120X100 (PALLET)	-	1	-
POSTER							
PBP000003	KIT POSTERS PIUSI - BOX 10 PCS	0,2	-	70X12	-	-	10
UMBRELLA							
PBG000030	PIUSI UMBRELLA - BOX 10 PCS	5,5	-	35X26X18	-	-	10
BAG							
PBG000035	PIUSI BAG 2018 - BOX 150 PCS	18,5	-	-	-	-	150
SPORTSPACK							
PBG000039	PIUSI SPORTSPACK – BOX 30 PCS	-	-	-	-	-	30
KEYRING							
PBG000041	PIUSI KEYRING -BOX 100 PCS	-	-	-	-	-	100

MERCHANDISE

NOTES

NOTES
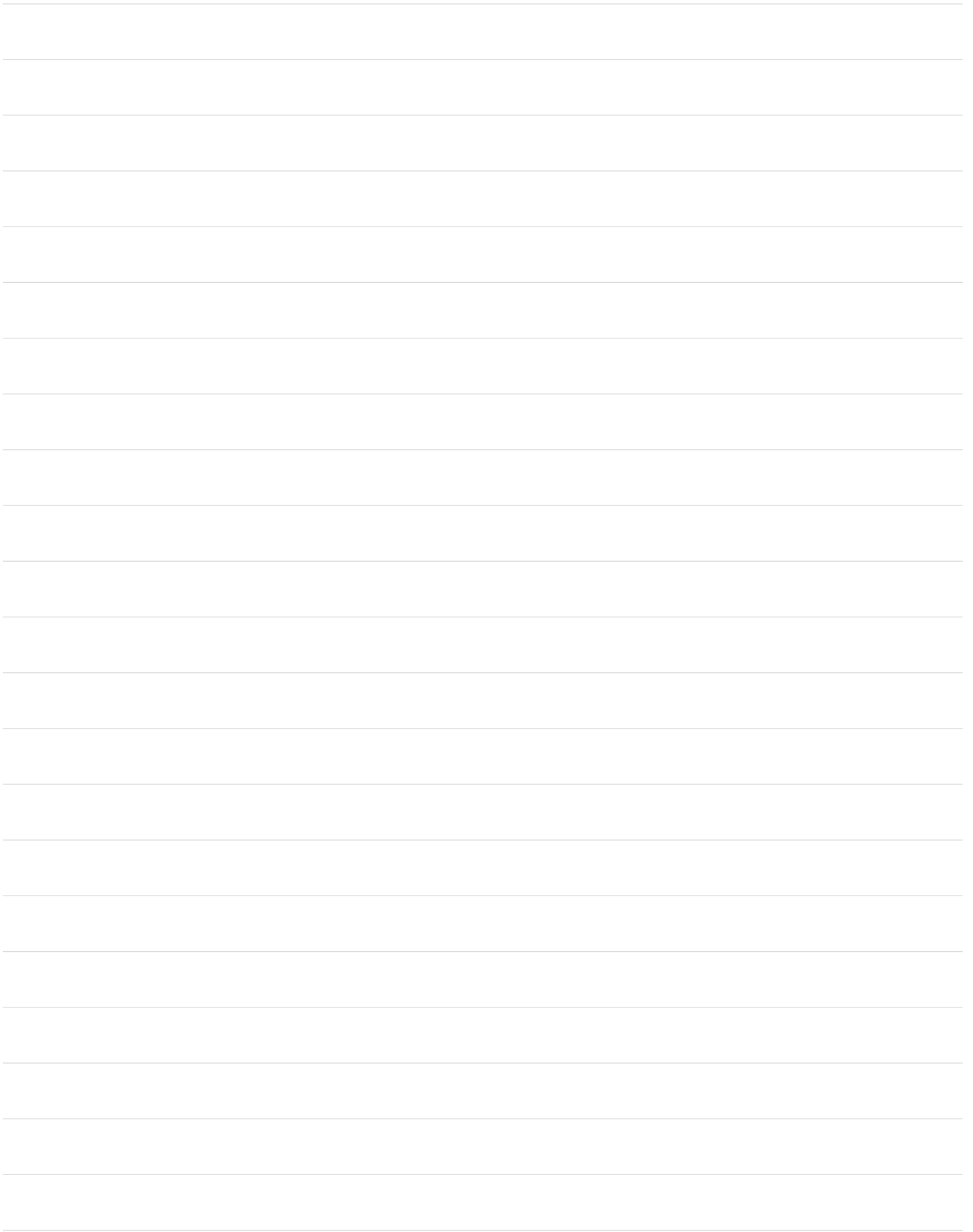
ATEX/IECEX DIRECTIVE

SAFETY IN EXPLOSIVE ENVIRONMENTS

As of 1st July 2003, the ATEX directive came into force throughout the EEC. This directive became an obligatory requirement for all electrical and mechanical equipment intended for use in dangerous areas. Potentially explosive atmospheres exist where there is a risk of explosion due to mixtures of gas and air, steam and air, dust and air or other flammable combinations typical of petrol vapours.

If the electrical or mechanical material must be used in areas where there is an explosive atmosphere, it must be designed and built so as not to create/ to eliminate sources of ignition such as sparks, hot surfaces or static electricity and all sources of combustion able to ignite these mixtures. Risk areas for environments where gas and flammable vapours are present can range from AREA 0 (constant risk of explosion) to AREA 1 (risk of explosion probable) and AREA 2 (low risk and any risk of explosion persists for a short time only).
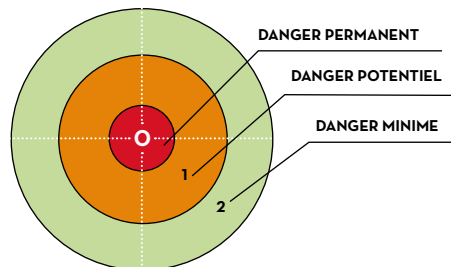
Atex

II 2 G

DANGER PERMANENT
DANGER POTENTIEL
DANGER MINIME

OUR PUMPS COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEx

II	2	G	Ex	d	IIA	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS	EQUIPMENT PRO-TECTION LEVEL

II = Group II comprises appliances intended for use in other environments (other than mining) in which explosive atmospheres are probable.
2 = High protection, Category 2 for AREA 1 GAS and AREA 2 GAS
G = Gas
Ex = Explosion-proof equipment certified according to the European ATEX directives
d = Explosion-proof cases (EN 60079-1)
IIA = Electrical appliances for potentially explosive environments other than mining. (Propane, Butane etc.)
**T4** = The temperature of the pump will not exceed 135°C

PIUSI 's experience in the world of flammable liquids

PIUSI renews his natural propension to find solutions for the transfer of fluids, expanding its range with new products to dispensing flammable liquids.

Experience gained with pumps for transferring diesel fuel, combined with the growing demands of the market, have fostered the development of this new range of pumps for gasoline, kerosene and diesel, that satisfy the criteria of strict ATEX directives concerning the use of materials in potentially explosive atmospheres.

The PIUSI products have successfully obtained certification CESI and IECEx' Certificate of Conformity.
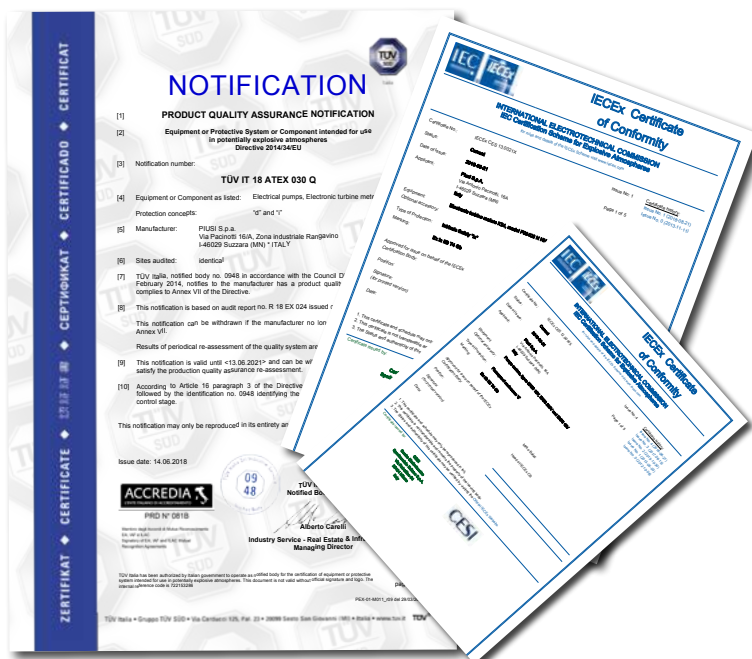
AIR — A

ANTIFREEZE — A

AdBlue® (UREA) — Ad

BIODIESEL — B

DIESEL — D

FOOD — F

GASOLINE — G

GREASE — G^R

KEROSENE — K

OIL — O

WATER — W

WINDSCREEN — W_s

PIUSI

CERTIFIED
ISO 9001 / ISO 14001

SINCE 1953, PIUSI HAS BEEN EMPLOYING ITALIAN ENGINEERING
SKILLS AT THE SERVICE OF ITS CUSTOMERS, WITH
PROFESSIONALISM AND INTEGRITY IN ORDER TO BUILD STABLE
AND LASTING RELATIONSHIPS.

OUR MISSION IS TO PROVIDE SIMPLE, INTELLIGENT AND
PROFESSIONAL SOLUTIONS FOR THE TRANSFER, DISPENSE AND
MEASUREMENT OF LUBRICANTS, FUELS AND LIQUIDS, WITH THE
HIGHEST CONSIDERATION FOR HUMAN AND ENVIRONMENTAL
HEALTH.

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