



UPT CIRCULATING PUMPS

MADE IN EUROPE

*Electronically controlled
high-efficiency pumps
for heating, air conditioning,
cooling and drinking water*



CATALOGUE 2024

ErP REGULATION

ErP Regulation (Energy related Products) translates as energy-relevant products. The objective of this Regulation 2009 125 EC, is to reduce energy consumption according to the environmental requirements that are being introduced in the EU in the field of circulation pumps in 2013. In the course of the next seven years the Regulation will be put into practice in the following three steps:

- The first step from 01/08 in 2015 for the energy index up to (max.) 0.23 - Part 2
 - The second step from 01/01/2020 for the energy index up to (max.) 0.23 - Part 2 – including pumps, which are being replaced in HVAC systems
- The benchmark for most efficient circulators is $EEI \leq 0,15$ - Part 2.

The **SISTEMA** meet environmental requirements according to ErP regulation with high-efficiency pumps with affordable prices.

GENERAL INFORMATION

ALL PRODUCTS AND COMPONENTS ARE MANUFACTURED FROM ENVIRONMENTALLY FRIENDLY MATERIALS.

UPON DISPOSAL INTERNAL ENVIRONMENTAL REGULATION MUST BE CONSIDERED.

FURTHER INFORMATION ON ALL PUMPING PROGRAMS WITH TECHNICAL DATA ARE AVAILABLE ON WWW.SISTEMA.IT

GENERAL SALES CONDITIONS AND TERMS OF PAYMENT – DEPENDING ON THE AGREEMENT WITH THE FIRM **SISTEMA PUMPS**.

IMAGES IN CATALOGUE ARE FOR ILLUSTRATIVE PURPOSES ONLY.

TECHNICAL ADJUSTMENTS AND REVISIONS ARE NOT PERMITTED!

UPT MINI



UPT SAN MINI PRO XX / XX - XXX



**MOST EFFICIENT
CIRCULATING
PUMP ON THE
MARKET**

Technical specification	
Flow range, Q	up to 5,8 m ³ /h
Head range, H	up to 10 m
Nominal pressure, PN	PN 10
Pipe thread, G	G1 / G1¼ / G 1½ / G2
Installation	threaded
Insulation class	F
Degree of protection	IP 44
Voltage	1 ~ 230V, 50 Hz
Fitting length	130/150/180 mm

Material	
Hydraulic casing	cast iron/stainless steel
Impeller	PES
Shaft	stainless steel AISI 316
Bearings	all carbon
Rotor can	stainless steel AISI 316
Ambient temperature	Medium temperature
25°C	from -10°C to +110°C
30°C	from -10°C to +100°C
35°C	from -10°C to +90°C
40°C	from -10°C to +80°C

UPT MINI FEATURES:

- Dry running detection prevents pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- Thermal insulation included

Permissible mediums

Water, or water mixed with glycol, parameters must be checked in the mixture of water with over 20% of glycol.

Performance range & operating functions



Auto mode - best operating mode to optimize efficiency and comfort



Night mode - works in combination with all other modes



WiFi mode - communication with the pump by integrated WiFi communication



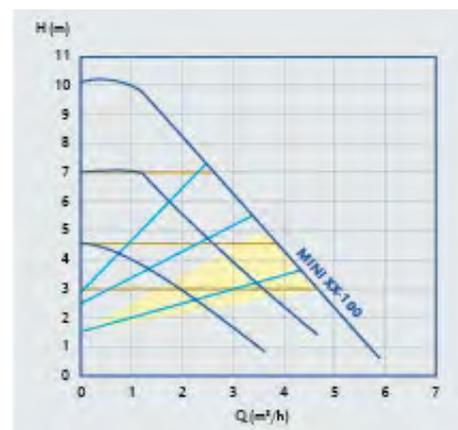
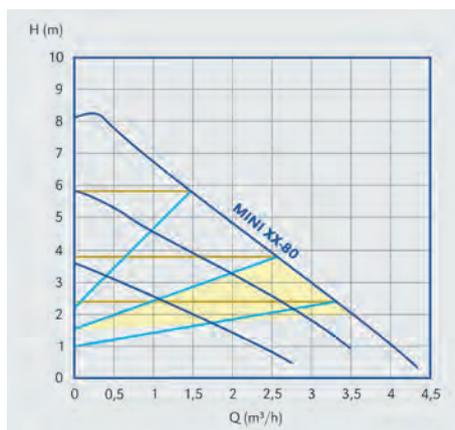
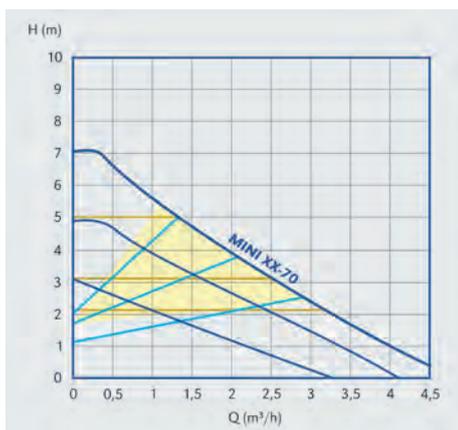
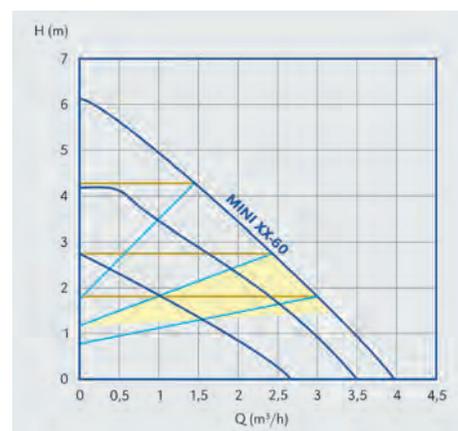
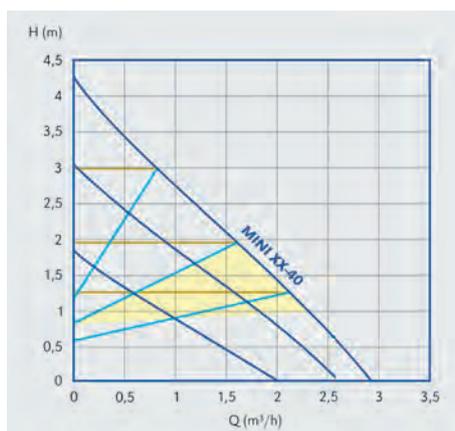
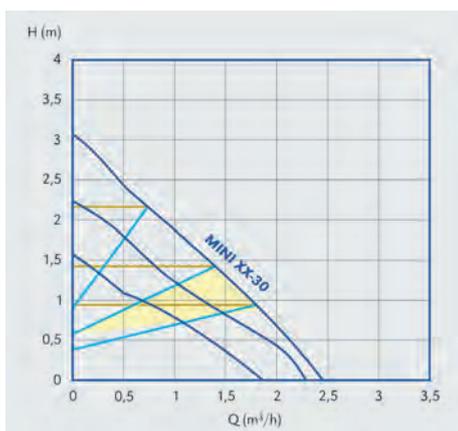
3 proportional-pressure curves for radiator heating



3 constant-pressure curves for floor heating



3 fixed speeds for boiler installation, venting and domestic hot water



Type	P [W]	I [A]	H [m]	Q [m³/h]														
				0,5	1	1,5	2	2,5	3	3,5	4	4,5	5	5,5				
UPT MINI -/30	15	0,16	H [m]	2,4	1,9	1,3	0,7											
UPT MINI -/40	20	0,20		3,4	2,7	2,1	1,4	0,8										
UPT MINI -/60	35	0,35		5,7	5,0	4,2	3,3	2,4	1,5	0,6								
UPT MINI -/70	40	0,35		6,4	5,6	4,8	4,0	3,2	2,5	1,8	1,1	0,4						
UPT MINI -/80	50	0,50		7,6	6,7	5,8	4,9	4,0	3,0	2,1	1,1	0,2						
UPT MINI -/100	90	0,70		10,1	9,7	9,1	8,3	7,4	6,4	5,4	4,3	3,2	2,2	1,3				

UPT MINI

Type	EEI	Port to port length [mm]	Pipe thread	P _{max} [W]	Weight [kg]
UPT MINI 15/30-130	≤ 0,12	130	G 1	15	1,46
UPT MINI 15/40-130	≤ 0,13	130	G 1	20	1,46
UPT MINI 15/60-130	≤ 0,16	130	G 1	35	1,46
UPT MINI 15/70-130	≤ 0,18	130	G 1	40	1,46
UPT MINI 15/80-130	≤ 0,18	130	G 1	50	1,46
UPT MINI 15/100-130	≤ 0,18	130	G1	90	1,46
UPT MINI 20/30-130	≤ 0,12	130	G 1¼	15	1,55
UPT MINI 20/40-130	≤ 0,13	130	G 1¼	20	1,55
UPT MINI 20/60-130	≤ 0,16	130	G 1¼	35	1,55
UPT MINI 20/80-130	≤ 0,18	130	G 1¼	50	1,55
UPT MINI 20/100-130	≤ 0,18	130	G 1¼	90	1,55
UPT MINI 25/30-130	≤ 0,12	130	G 1½	15	1,65
UPT MINI 25/40-130	≤ 0,13	130	G 1½	20	1,65
UPT MINI 25/60-130	≤ 0,16	130	G 1½	35	1,65
UPT MINI 25/70-130	≤ 0,18	130	G 1½	40	1,65
UPT MINI 25/80-130	≤ 0,18	130	G 1½	50	1,65
UPT MINI 25/100-130	≤ 0,18	130	G 1½	90	1,65
UPT MINI 20/40-180	≤ 0,13	180	G 1¼	20	1,66
UPT MINI 20/60-180	≤ 0,16	180	G 1¼	35	1,66
UPT MINI 20/80-180	≤ 0,18	180	G 1¼	50	1,66
UPT MINI 20/100-180	≤ 0,18	180	G 1¼	90	1,66
UPT MINI 25/40-180	≤ 0,13	180	G 1½	20	1,73
UPT MINI 25/60-180	≤ 0,16	180	G 1½	35	1,73
UPT MINI 25/70-180	≤ 0,18	180	G 1½	40	1,73
UPT MINI 25/80-180	≤ 0,18	180	G 1½	50	1,73
UPT MINI 25/100-180	≤ 0,18	180	G 1½	90	1,73
UPT MINI 32/40-180	≤ 0,13	180	G 2	20	1,93
UPT MINI 32/60-180	≤ 0,16	180	G 2	35	1,93
UPT MINI 32/70-180	≤ 0,18	180	G 2	40	1,93
UPT MINI 32/80-180	≤ 0,18	180	G 2	50	1,93
UPT MINI 32/100-180	≤ 0,18	180	G 2	90	1,93



UPT MINI main features:

- Dry running detection prevents the pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46 kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- 3 proportional-pressure curves for radiator heating
- 3 constant-pressure curves for floor heating
- 3 fixed speeds for boiler installation, venting, and domestic hot water
- Thermal insulation included

UPT MINI PLUS

Type	EI	Port to port length [mm]	Pipe thread	P _{max} [W]	Weight [kg]
UPT MINI PLUS 15/40-130	≤ 0,13	130	G 1	20	1,46
UPT MINI PLUS 15/60-130	≤ 0,16	130	G 1	35	1,46
UPT MINI PLUS 15/80-130	≤ 0,18	130	G 1	50	1,46
UPT MINI PLUS 20/40-130	≤ 0,13	130	G 1¼	20	1,55
UPT MINI PLUS 20/60-130	≤ 0,16	130	G 1¼	35	1,55
UPT MINI PLUS 20/80-130	≤ 0,18	130	G 1¼	50	1,55
UPT MINI PLUS 25/40-130	≤ 0,13	130	G 1½	20	1,65
UPT MINI PLUS 25/60-130	≤ 0,16	130	G 1½	35	1,65
UPT MINI PLUS 25/80-130	≤ 0,18	130	G 1½	50	1,65
UPT MINI PLUS 20/40-180	≤ 0,13	180	G 1¼	20	1,66
UPT MINI PLUS 20/60-180	≤ 0,16	180	G 1¼	35	1,66
UPT MINI PLUS 20/80-180	≤ 0,18	180	G 1¼	50	1,66
UPT MINI PLUS 25/40-180	≤ 0,13	180	G 1½	20	1,73
UPT MINI PLUS 25/60-180	≤ 0,16	180	G 1½	35	1,73
UPT MINI PLUS 25/80-180	≤ 0,18	180	G 1½	50	1,73
UPT MINI PLUS 32/40-180	≤ 0,13	180	G 2	20	1,93
UPT MINI PLUS 32/60-180	≤ 0,16	180	G 2	35	1,93
UPT MINI PLUS 32/80-180	≤ 0,18	180	G 2	50	1,93



UPT MINI PLUS main features:

- Numerical display shows the current operating data of the pump for Power (W)
- Dry running detection prevents the pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46 kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- 3 proportional-pressure curves for radiator heating
- 3 constant-pressure curves for floor heating
- 3 fixed speeds for boiler installation, venting, and domestic hot water
- Thermal insulation included

UPT MINI PRO

Type	EEI	Port to port length [mm]	Pipe thread	P _{max} [W]	Weight [kg]
UPT MINI PRO 15/40-130	≤ 0,13	130	G 1	20	1,46
UPT MINI PRO 15/60-130	≤ 0,16	130	G 1	35	1,46
UPT MINI PRO 15/80-130	≤ 0,18	130	G 1	50	1,46
UPT MINI PRO 20/40-130	≤ 0,13	130	G 1¼	20	1,55
UPT MINI PRO 20/60-130	≤ 0,16	130	G 1¼	35	1,55
UPT MINI PRO 20/80-130	≤ 0,18	130	G 1¼	50	1,55
UPT MINI PRO 25/40-130	≤ 0,13	130	G 1½	20	1,65
UPT MINI PRO 25/60-130	≤ 0,16	130	G 1½	35	1,65
UPT MINI PRO 25/80-130	≤ 0,18	130	G 1½	50	1,65
UPT MINI PRO 20/40-180	≤ 0,13	180	G 1¼	20	1,66
UPT MINI PRO 20/60-180	≤ 0,16	180	G 1¼	35	1,66
UPT MINI PRO 20/80-180	≤ 0,18	180	G 1¼	50	1,66
UPT MINI PRO 25/40-180	≤ 0,13	180	G 1½	20	1,73
UPT MINI PRO 25/60-180	≤ 0,16	180	G 1½	35	1,73
UPT MINI PRO 25/80-180	≤ 0,18	180	G 1½	50	1,73
UPT MINI PRO 32/40-180	≤ 0,13	180	G 2	20	1,93
UPT MINI PRO 32/60-180	≤ 0,16	180	G 2	35	1,93
UPT MINI PRO 32/80-180	≤ 0,18	180	G 2	50	1,93



UPT MINI PRO main features:

- Numerical display shows the current operating data of the pump for: Power (W), Head (h), and Flow (m³/h)
- Auto mode best operating mode to optimize efficiency and comfort
- Night mode - in combination with other modes
- Dry running detection prevents the pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46 kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- 3 proportional-pressure curves for radiator heating
- 3 constant-pressure curves for floor heating
- 3 fixed speeds for boiler installation, venting, and domestic hot water
- Thermal insulation included

UPT MINI PRO WIFI

Type	EEl	Port to port length [mm]	Pipe thread	P _{max} [W]	Weight [kg]
UPT MINI PRO WIFI 15/40-130	≤ 0,13	130	G 1	20	1,46
UPT MINI PRO WIFI 15/60-130	≤ 0,16	130	G 1	35	1,46
UPT MINI PRO WIFI 15/80-130	≤ 0,18	130	G 1	50	1,46
UPT MINI PRO WIFI 20/40-130	≤ 0,13	130	G 1¼	20	1,55
UPT MINI PRO WIFI 20/60-130	≤ 0,16	130	G 1¼	35	1,55
UPT MINI PRO WIFI 20/80-130	≤ 0,18	130	G 1¼	50	1,55
UPT MINI PRO WIFI 25/40-130	≤ 0,13	130	G 1½	20	1,65
UPT MINI PRO WIFI 25/60-130	≤ 0,16	130	G 1½	35	1,65
UPT MINI PRO WIFI 25/80-130	≤ 0,18	130	G 1½	50	1,65
UPT MINI PRO WIFI 20/40-180	≤ 0,13	180	G 1¼	20	1,66
UPT MINI PRO WIFI 20/60-180	≤ 0,16	180	G 1¼	35	1,66
UPT MINI PRO WIFI 20/80-180	≤ 0,18	180	G 1¼	50	1,66
UPT MINI PRO WIFI 25/40-180	≤ 0,13	180	G 1½	20	1,73
UPT MINI PRO WIFI 25/60-180	≤ 0,16	180	G 1½	35	1,73
UPT MINI PRO WIFI 25/80-180	≤ 0,18	180	G 1½	50	1,73
UPT MINI PRO WIFI 32/40-180	≤ 0,13	180	G 2	20	1,93
UPT MINI PRO WIFI 32/60-180	≤ 0,16	180	G 2	35	1,93
UPT MINI PRO WIFI 32/80-180	≤ 0,18	180	G 2	50	1,93



UPT MINI PRO WiFi main features:

- THE FIRST domestic pump in the market with WiFi communication
- Application-free (no need for app installation)
- Compatible with all mobile devices and operating systems
- Connection of multiple pumps on the same WiFi network, and easy access to each pump - remote access to the pump for diagnostics
- Communication with the pump by integrated WiFi
- Numerical display shows the current operating data of the pump for: Power (W), Head (h), and Flow (m³/h)
- Auto mode best operating mode to optimize efficiency and comfort
- Night mode - in combination with other modes
- Dry running detection prevents the pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46 kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- 3 proportional-pressure curves for radiator heating
- 3 constant-pressure curves for floor heating
- 3 fixed speeds for boiler installation, venting, and domestic hot water
- Thermal insulation included

WiFi CONNECTIVITY

THE FIRST WiFi domestic pump in the market



pump can be up to 300m away from the mobile phone or WiFi network



remote access to the pump enables diagnostic information in case of failure



compatibility with all mobile phones and OS



possibility of weekly calendar setting for sanitary water version (in future firmware updates - coming soon)



the best performance in terms of signal reliability



connect directly to mobile phone or existing WiFi network



connect multiple pumps on same WiFi network - easy access to each pump



no application download needed
direct browser access
(Chrome/ Firefox/ Safari/ IExplorer...)



UPT MINI ER

Type	EI	Port to port length [mm]	Pipe thread	P _{max} [W]	Weight [kg]
UPT MINI ER 15/40-130	≤ 0,13	130	G 1	20	1,46
UPT MINI ER 15/60-130	≤ 0,16	130	G 1	35	1,46
UPT MINI ER 15/80-130	≤ 0,18	130	G 1	50	1,46
UPT MINI ER 20/40-130	≤ 0,13	130	G 1¼	20	1,55
UPT MINI ER 20/60-130	≤ 0,16	130	G 1¼	35	1,55
UPT MINI ER 20/80-130	≤ 0,18	130	G 1¼	50	1,55
UPT MINI ER 25/40-130	≤ 0,13	130	G 1½	20	1,65
UPT MINI ER 25/60-130	≤ 0,16	130	G 1½	35	1,65
UPT MINI ER 25/80-130	≤ 0,18	130	G 1½	50	1,65
UPT MINI ER 20/40-180	≤ 0,13	180	G 1¼	20	1,66
UPT MINI ER 20/60-180	≤ 0,16	180	G 1¼	35	1,66
UPT MINI ER 20/80-180	≤ 0,18	180	G 1¼	50	1,66
UPT MINI ER 25/40-180	≤ 0,13	180	G 1½	20	1,73
UPT MINI ER 25/60-180	≤ 0,16	180	G 1½	35	1,73
UPT MINI ER 25/80-180	≤ 0,18	180	G 1½	50	1,73
UPT MINI ER 32/40-180	≤ 0,13	180	G 2	20	1,93
UPT MINI ER 32/60-180	≤ 0,16	180	G 2	35	1,93
UPT MINI ER 32/80-180	≤ 0,18	180	G 2	50	1,93



UPT MINI ER main features:

- Input 0-10V
- Relay output - error
- Dry running detection prevents the pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46 kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- 3 proportional-pressure curves for radiator heating
- 3 constant-pressure curves for floor heating
- 3 fixed speeds for boiler installation, venting, and domestic hot water
- Thermal insulation included

UPT MINI PWM

Type	EEI	Port to port length [mm]	Pipe thread	P _{max} [W]	Weight [kg]
UPT MINI PWM 15/40-130	≤ 0,13	130	G 1	20	1,46
UPT MINI PWM 15/60-130	≤ 0,16	130	G 1	35	1,46
UPT MINI PWM 15/80-130	≤ 0,18	130	G 1	50	1,46
UPT MINI PWM 20/40-130	≤ 0,13	130	G 1¼	20	1,55
UPT MINI PWM 20/60-130	≤ 0,16	130	G 1¼	35	1,55
UPT MINI PWM 20/80-130	≤ 0,18	130	G 1¼	50	1,55
UPT MINI PWM 25/40-130	≤ 0,13	130	G 1½	20	1,65
UPT MINI PWM 25/60-130	≤ 0,16	130	G 1½	35	1,65
UPT MINI PWM 25/80-130	≤ 0,18	130	G 1½	50	1,65
UPT MINI PWM 20/40-180	≤ 0,13	180	G 1¼	20	1,66
UPT MINI PWM 20/60-180	≤ 0,16	180	G 1¼	35	1,66
UPT MINI PWM 20/80-180	≤ 0,18	180	G 1¼	50	1,66
UPT MINI PWM 25/40-180	≤ 0,13	180	G 1½	20	1,73
UPT MINI PWM 25/60-180	≤ 0,16	180	G 1½	35	1,73
UPT MINI PWM 25/80-180	≤ 0,18	180	G 1½	50	1,73
UPT MINI PWM 32/40-180	≤ 0,13	180	G 2	20	1,93
UPT MINI PWM 32/60-180	≤ 0,16	180	G 2	35	1,93
UPT MINI PWM 32/80-180	≤ 0,18	180	G 2	50	1,93



UPT MINI PWM main features:

- PWM H input - heating profile
- PWM H output - standby, speed, error
- PWM S input - solar profile
- PWM S output - standby, speed, error
- Normal operating mode (without PWM signal)
- Dry running detection prevents the pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46 kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- 3 proportional-pressure curves for radiator heating
- 3 constant-pressure curves for floor heating
- 3 fixed speeds for boiler installation, venting, and domestic hot water
- Thermal insulation included

UPT SAN MINI

Type	EEI	Port to port length [mm]	Pipe thread	P _{max} [W]	Weight [kg]
UPT SAN MINI 15/40-130	≤ 0,13	130	G 1	20	1,56
UPT SAN MINI 15/60-130	≤ 0,16	130	G 1	35	1,56
UPT SAN MINI 15/80-130	≤ 0,18	130	G 1	50	1,56
UPT SAN MINI 20/40-130	≤ 0,13	130	G 1¼	20	1,66
UPT SAN MINI 20/60-130	≤ 0,16	130	G 1¼	35	1,66
UPT SAN MINI 20/80-130	≤ 0,18	130	G 1¼	50	1,66
UPT SAN MINI 25/40-130	≤ 0,13	130	G 1½	20	1,70
UPT SAN MINI 25/60-130	≤ 0,16	130	G 1½	35	1,70
UPT SAN MINI 25/80-130	≤ 0,18	130	G 1½	50	1,70
UPT SAN MINI 20/40-150	≤ 0,13	150	G 1¼	20	1,65
UPT SAN MINI 20/60-150	≤ 0,16	150	G 1¼	35	1,65
UPT SAN MINI 20/80-150	≤ 0,18	150	G 1¼	50	1,65
UPT SAN MINI 25/40-150	≤ 0,13	150	G 1½	20	1,72
UPT SAN MINI 25/60-150	≤ 0,16	150	G 1½	35	1,72
UPT SAN MINI 25/80-150	≤ 0,18	150	G 1½	50	1,72
UPT SAN MINI 20/40-180	≤ 0,13	180	G 1¼	20	1,75
UPT SAN MINI 20/60-180	≤ 0,16	180	G 1¼	35	1,75
UPT SAN MINI 20/80-180	≤ 0,18	180	G 1¼	50	1,75
UPT SAN MINI 25/40-180	≤ 0,13	180	G 1½	20	1,80
UPT SAN MINI 25/60-180	≤ 0,16	180	G 1½	35	1,80
UPT SAN MINI 25/80-180	≤ 0,18	180	G 1½	50	1,80
UPT SAN MINI 32/40-180	≤ 0,13	180	G 2	20	2,05
UPT SAN MINI 32/60-180	≤ 0,16	180	G 2	35	2,05
UPT SAN MINI 32/80-180	≤ 0,18	180	G 2	50	2,05



UPT SAN MINI main features:

- Inox hydraulics for drinking and domestic water supply systems
- Dry running detection prevents the pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46 kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- 3 proportional-pressure curves for radiator heating
- 3 constant-pressure curves for floor heating
- 3 fixed speeds for boiler installation, venting, and domestic hot water
- Thermal insulation included

UPT SAN MINI PLUS

Type	EEI	Port to port length [mm]	Pipe thread	P _{max} [W]	Weight [kg]
UPT SAN MINI PLUS 15/40-130	≤ 0,13	130	G 1	20	1,56
UPT SAN MINI PLUS 15/60-130	≤ 0,16	130	G 1	35	1,56
UPT SAN MINI PLUS 15/80-130	≤ 0,18	130	G 1	50	1,56
UPT SAN MINI PLUS 20/40-130	≤ 0,13	130	G 1¼	20	1,66
UPT SAN MINI PLUS 20/60-130	≤ 0,16	130	G 1¼	35	1,66
UPT SAN MINI PLUS 20/80-130	≤ 0,18	130	G 1¼	50	1,66
UPT SAN MINI PLUS 25/40-130	≤ 0,13	130	G 1½	20	1,70
UPT SAN MINI PLUS 25/60-130	≤ 0,16	130	G 1½	35	1,70
UPT SAN MINI PLUS 25/80-130	≤ 0,18	130	G 1½	50	1,70
UPT SAN MINI PLUS 20/40-150	≤ 0,13	150	G 1¼	20	1,65
UPT SAN MINI PLUS 20/60-150	≤ 0,16	150	G 1¼	35	1,65
UPT SAN MINI PLUS 20/80-150	≤ 0,18	150	G 1¼	50	1,65
UPT SAN MINI PLUS 25/40-150	≤ 0,13	150	G 1½	20	1,72
UPT SAN MINI PLUS 25/60-150	≤ 0,16	150	G 1½	35	1,72
UPT SAN MINI PLUS 25/80-150	≤ 0,18	150	G 1½	50	1,72
UPT SAN MINI PLUS 20/40-180	≤ 0,13	180	G 1¼	20	1,75
UPT SAN MINI PLUS 20/60-180	≤ 0,16	180	G 1¼	35	1,75
UPT SAN MINI PLUS 20/80-180	≤ 0,18	180	G 1¼	50	1,75
UPT SAN MINI PLUS 25/40-180	≤ 0,13	180	G 1½	20	1,80
UPT SAN MINI PLUS 25/60-180	≤ 0,16	180	G 1½	35	1,80
UPT SAN MINI PLUS 25/80-180	≤ 0,18	180	G 1½	50	1,80
UPT SAN MINI PLUS 32/40-180	≤ 0,13	180	G 2	20	2,05
UPT SAN MINI PLUS 32/60-180	≤ 0,16	180	G 2	35	2,05
UPT SAN MINI PLUS 32/80-180	≤ 0,18	180	G 2	50	2,05



UPT SAN MINI PLUS main features:

- Inox hydraulics for drinking and domestic water supply systems
- Numerical display shows the current operating data of the pump for Power (W)
- Dry running detection prevents the pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46 kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- 3 proportional-pressure curves for radiator heating
- 3 constant-pressure curves for floor heating
- 3 fixed speeds for boiler installation, venting, and domestic hot water
- Thermal insulation included

UPT SAN MINI PRO

Type	EEI	Port to port length [mm]	Pipe thread	P _{max} [W]	Weight [kg]
UPT SAN MINI PRO 15/40-130	≤ 0,13	130	G 1	20	1,56
UPT SAN MINI PRO 15/60-130	≤ 0,16	130	G 1	35	1,56
UPT SAN MINI PRO 15/80-130	≤ 0,18	130	G 1	50	1,56
UPT SAN MINI PRO 20/40-130	≤ 0,13	130	G 1¼	20	1,66
UPT SAN MINI PRO 20/60-130	≤ 0,16	130	G 1¼	35	1,66
UPT SAN MINI PRO 20/80-130	≤ 0,18	130	G 1¼	50	1,66
UPT SAN MINI PRO 25/40-130	≤ 0,13	130	G 1½	20	1,70
UPT SAN MINI PRO 25/60-130	≤ 0,16	130	G 1½	35	1,70
UPT SAN MINI PRO 25/80-130	≤ 0,18	130	G 1½	50	1,70
UPT SAN MINI PRO 20/40-150	≤ 0,13	150	G 1¼	20	1,65
UPT SAN MINI PRO 20/60-150	≤ 0,16	150	G 1¼	35	1,65
UPT SAN MINI PRO 20/80-150	≤ 0,18	150	G 1¼	50	1,65
UPT SAN MINI PRO 25/40-150	≤ 0,13	150	G 1½	20	1,72
UPT SAN MINI PRO 25/60-150	≤ 0,16	150	G 1½	35	1,72
UPT SAN MINI PRO 25/80-150	≤ 0,18	150	G 1½	50	1,72
UPT SAN MINI PRO 20/40-180	≤ 0,13	180	G 1¼	20	1,75
UPT SAN MINI PRO 20/60-180	≤ 0,16	180	G 1¼	35	1,75
UPT SAN MINI PRO 20/80-180	≤ 0,18	180	G 1¼	50	1,75
UPT SAN MINI PRO 25/40-180	≤ 0,13	180	G 1½	20	1,80
UPT SAN MINI PRO 25/60-180	≤ 0,16	180	G 1½	35	1,80
UPT SAN MINI PRO 25/80-180	≤ 0,18	180	G 1½	50	1,80
UPT SAN MINI PRO 32/40-180	≤ 0,13	180	G 2	20	2,05
UPT SAN MINI PRO 32/60-180	≤ 0,16	180	G 2	35	2,05
UPT SAN MINI PRO 32/80-180	≤ 0,18	180	G 2	50	2,05



UPT SAN MINI PRO main features:

- Inox hydraulics for drinking and domestic water supply systems
- Numerical display shows the current operating data of the pump for: Power (W), Head (h), and Flow (m³/h)
- Auto mode best operating mode to optimize efficiency and comfort
- Night mode - in combination with other modes
- Dry running detection prevents the pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46 kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- 3 proportional-pressure curves for radiator heating
- 3 constant-pressure curves for floor heating
- 3 fixed speeds for boiler installation, venting, and domestic hot water
- Thermal insulation included

UPT SAN MINI PRO WIFI

Type	EEI	Port to port length [mm]	Pipe thread	P _{max} [W]	Weight [kg]
UPT SAN MINI PRO WIFI 15/40-130	≤ 0,13	130	G 1	20	1,56
UPT SAN MINI PRO WIFI 15/60-130	≤ 0,16	130	G 1	35	1,56
UPT SAN MINI PRO WIFI 15/80-130	≤ 0,18	130	G 1	50	1,56
UPT SAN MINI PRO WIFI 20/40-130	≤ 0,13	130	G 1¼	20	1,66
UPT SAN MINI PRO WIFI 20/60-130	≤ 0,16	130	G 1¼	35	1,66
UPT SAN MINI PRO WIFI 20/80-130	≤ 0,18	130	G 1¼	50	1,66
UPT SAN MINI PRO WIFI 25/40-130	≤ 0,13	130	G 1½	20	1,70
UPT SAN MINI PRO WIFI 25/60-130	≤ 0,16	130	G 1½	35	1,70
UPT SAN MINI PRO WIFI 25/80-130	≤ 0,18	130	G 1½	50	1,70
UPT SAN MINI PRO WIFI 20/40-150	≤ 0,13	150	G 1¼	20	1,65
UPT SAN MINI PRO WIFI 20/60-150	≤ 0,16	150	G 1¼	35	1,65
UPT SAN MINI PRO WIFI 20/80-150	≤ 0,18	150	G 1¼	50	1,65
UPT SAN MINI PRO WIFI 25/40-150	≤ 0,13	150	G 1½	20	1,72
UPT SAN MINI PRO WIFI 25/60-150	≤ 0,16	150	G 1½	35	1,72
UPT SAN MINI PRO WIFI 25/80-150	≤ 0,18	150	G 1½	50	1,72
UPT SAN MINI PRO WIFI 20/40-180	≤ 0,13	180	G 1¼	20	1,75
UPT SAN MINI PRO WIFI 20/60-180	≤ 0,16	180	G 1¼	35	1,75
UPT SAN MINI PRO WIFI 20/80-180	≤ 0,18	180	G 1¼	50	1,75
UPT SAN MINI PRO WIFI 25/40-180	≤ 0,13	180	G 1½	20	1,80
UPT SAN MINI PRO WIFI 25/60-180	≤ 0,16	180	G 1½	35	1,80
UPT SAN MINI PRO WIFI 25/80-180	≤ 0,18	180	G 1½	50	1,80
UPT SAN MINI PRO WIFI 32/40-180	≤ 0,13	180	G 2	20	2,05
UPT SAN MINI PRO WIFI 32/60-180	≤ 0,16	180	G 2	35	2,05
UPT SAN MINI PRO WIFI 32/80-180	≤ 0,18	180	G 2	50	2,05

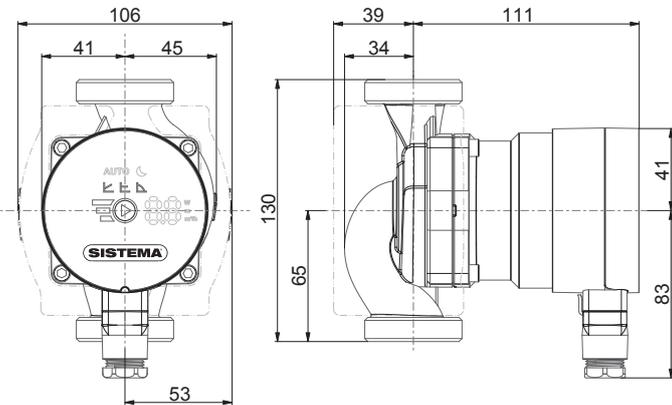


UPT SAN MINI PRO WiFi main features:

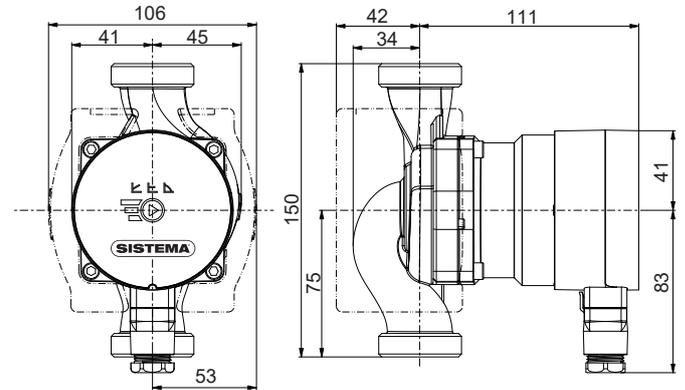
- THE FIRST domestic pump in the market with WiFi communication
- Inox hydraulics for drinking and domestic water supply systems
- Possibility of weekly calendar setting
- Application-free (no need for app installation)
- Compatible with all mobile devices and operating systems
- Connection of multiple pumps on the same WiFi network, and easy access to each pump - remote access to the pump for diagnostics
- Communication with the pump by integrated WiFi
- Numerical display shows the current operating data of the pump for: Power (W), Head (h), and Flow (m³/h)
- Auto mode best operating mode to optimize efficiency and comfort
- Night mode - in combination with other modes
- Dry running detection prevents the pump from running when there is no medium
- Ultra-light design meaning the lightest pump only weighs 1.46 kg
- Automatic summer mode to prevent blocking during low season
- Robust startup
- 3 proportional-pressure curves for radiator heating
- 3 constant-pressure curves for floor heating
- 3 fixed speeds for boiler installation, venting, and domestic hot water
- Thermal insulation included

Dimensions

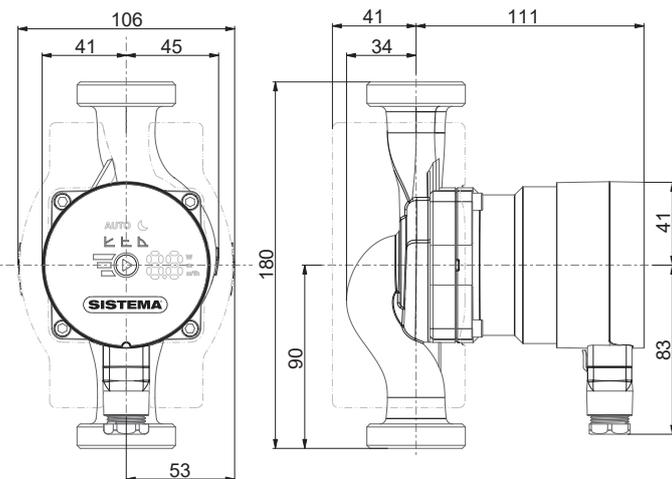
UPT MINI (PLUS/PRO/PRO WiFi) XX/XX-130



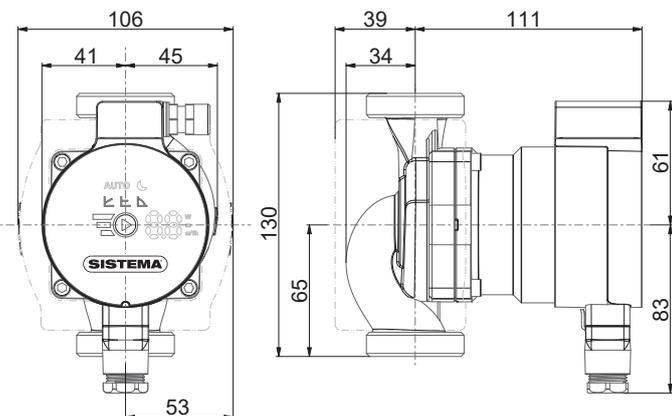
UPT SAN MINI (PLUS/PRO/PRO WiFi) XX/XX-150



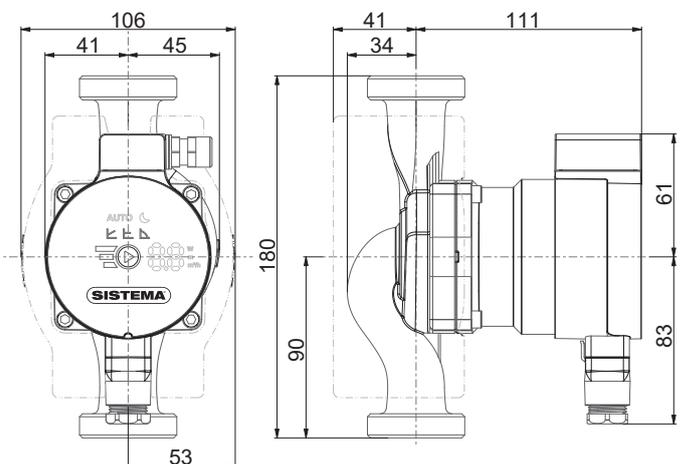
UPT MINI (PLUS/PRO/PRO WiFi) XX/XX-180



UPT MINI (ER/PWM) XX/XX-130



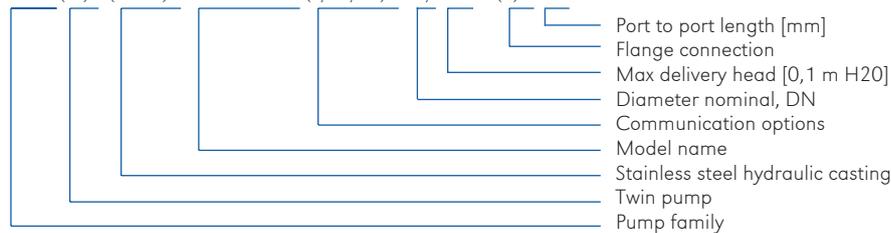
UPT MINI (ER/PWM) XX/XX-180



UPT SMART II



UPT (D) (SAN) SMART II (S/U/C) XX/XX - (F) XXX



Electronically controlled wet running circulating pump

For all heating, air conditioning, refrigeration and industrial systems in accordance with VDI 2035 and ErP, as well as sanitary water systems.

Introducing a high-efficiency wet running pump equipped with an auto adapt function:

- High energy-efficient motor that uses permanent magnet technology
- Best in its class with energy efficiency EEI rating of ≤ 0.18
- LED display for control, making it easy to operate
- Low noise operation, automatic venting, easy handling and installation make it a practical choice
- Robust and compact construction for longer lifetime
- Thermal insulation included

Automatic operation

- Immediate adaptation to the system

Manual adjustment

- Proportional pressure, constant pressure, constant speed, night mode

Communication options

UPT SMART II
UPT SMART II S
UPT SMART II U
UPT SMART II C

Permissible mediums

Water, or water mixed with glycol, parameters must be checked in the mixture of water with over 20% of glycol.

Pure, non-explosive liquid medium free of mineral oils and solid particles. Temperature range of the medium is from -10 to 110°C, with max. surrounding temperature 40°C.

For UPT SAN SMART II, the maximum ambient temperature is 40°C, and the temperature range of the medium is from 2 to 65°C.

Technical specification

Flow range, Q	up to 12 m ³ /h
Head range, H	up to 12 m
Nominal pressure, PN	PN 6/PN 10
Flange type, DN	25/32/40/50
Pipe thread, G	G 1½ / G2
Insulation class	F
Degree of protection	IP 44
Voltage	1 - 230V, 50 Hz

Minimum inlet pressure

0.05 bar <75 °C (fluid temperature)

0.28 bar <90 °C (fluid temperature)

Material

Hydraulic casing	cast iron/stainless steel
Impeller	PES
Shaft	stainless steel AISI 316
Bearings	all carbon
Rotor can	stainless steel AISI 316

TRANSITION FROM UPT SMART TO UPT SMART II

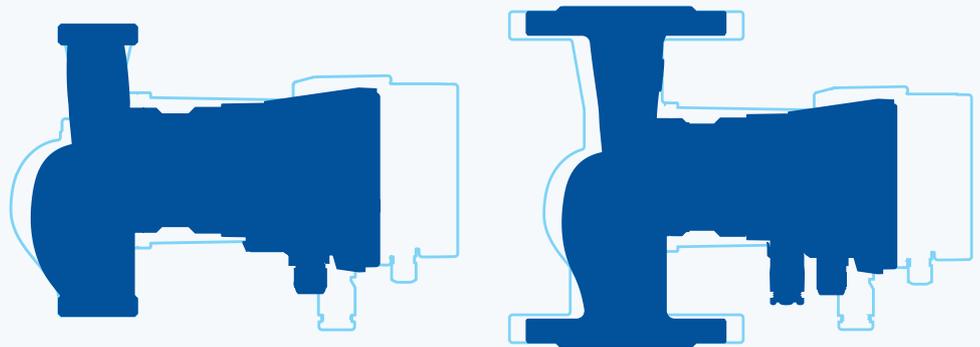
BEFORE AFTER



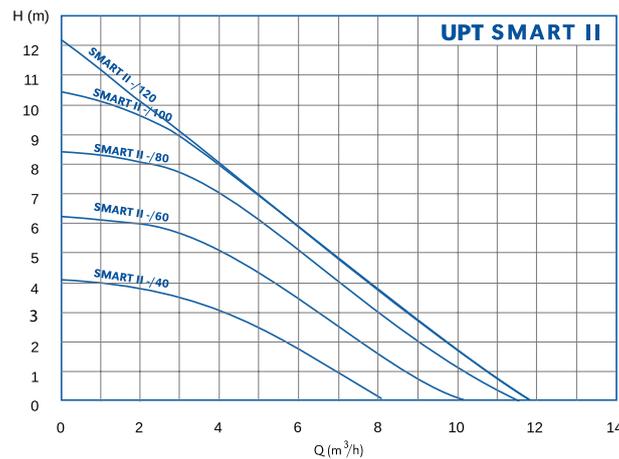
ADVANTAGES:

- The most efficient pump in its class $EEl \leq 0,18$
- Unifying design of the whole UPT SMART II FAMILY
- Easier electrical connection
- Greater variety of model options for competitive price targeting
- Modern and compact design resulting in easier and faster installation
- Easy model upgrade
- The lightest pump in its class

SIZE COMPARISON UPT SMART C VS UPT SMART II C



Performance curves and Q/H table



Type	P [W]	I [A]	H [m]	Q [m³/h]											
				1	2	3	4	5	6	7	8	9	10	11	12
UPT SMART II -/40	70	0,5	H [m]	4,0	3,8	3,5	3,0	2,5	1,8	1,0	0,1				
UPT SMART II -/60	100	0,8		6,3	6,1	5,6	5,0	4,2	3,4	2,5	1,6	0,8	0,1		
UPT SMART II -/80	145	1,1		8,4	8,2	7,7	7,0	6,1	5,2	4,1	3,1	2,1	1,2	0,4	
UPT SMART II -/100	160	1,2		10,2	9,6	8,9	8,0	7,0	5,9	4,8	3,6	2,5	1,5	0,6	
UPT SMART II -/120	160	1,2		11,2	10,2	9,1	8,0	6,9	5,8	4,7	3,6	2,6	1,6	0,7	

MODEL OVERVIEW

UPT SMART II



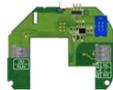
- Auto mode
- Proportional pressure mode
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting function
- EEI ≤ 0,18

POSSIBLE TO
UPGRADE

UPT SMART II S



- Auto mode
- Proportional pressure mode
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting function
- EEI ≤ 0,18
- Start/stop input
- Relay output



UPT SMART II U



- Auto mode
- Proportional pressure mode
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting function
- EEI ≤ 0,18
- Start/stop input
- 2x Relay output
- Max/Min input
- 0-10V input



POSSIBLE TO
UPGRADE

UPT SMART II C



- Auto mode
- Proportional pressure mode
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting function
- EEI ≤ 0,18
- Start/stop input
- 2x Relay output
- Max/Min input
- 0-10V input
- 4-20mA input
- PWM input
- Modbus (RS485 and TCP/IP)
- Web server
- Bacnet



Spare/upgradable parts



Type	Communication module S	Communication module U	Communication module C
Single pump codes	979528148	979528149	979528150
Twin pump codes		979528356	979528155

PUMP MODELS

Threaded single-motor pumps



UPT SMART II - Threaded single-motor pumps

Type	EEl	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPT SMART II 25/40-180	≤ 0,18	180	G 1½	PN10	70
UPT SMART II 25/60-180	≤ 0,18	180	G 1½	PN10	100
UPT SMART II 25/80-180	≤ 0,18	180	G 1½	PN10	145
UPT SMART II 25/100-180	≤ 0,18	180	G 1½	PN10	160
UPT SMART II 25/120-180	≤ 0,18	180	G 1½	PN10	160
UPT SMART II 32/40-180	≤ 0,18	180	G 2	PN10	70
UPT SMART II 32/60-180	≤ 0,18	180	G 2	PN10	100
UPT SMART II 32/80-180	≤ 0,18	180	G 2	PN10	145
UPT SMART II 32/100-180	≤ 0,18	180	G 2	PN10	160
UPT SMART II 32/120-180	≤ 0,18	180	G 2	PN10	160

UPT SMART II S - Threaded single-motor pumps with S communication module

Type	EEl	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPT SMART II S 25/40-180	≤ 0,18	180	G 1½	PN10	70
UPT SMART II S 25/60-180	≤ 0,18	180	G 1½	PN10	100
UPT SMART II S 25/80-180	≤ 0,18	180	G 1½	PN10	145
UPT SMART II S 25/100-180	≤ 0,18	180	G 1½	PN10	160
UPT SMART II S 25/120-180	≤ 0,18	180	G 1½	PN10	160
UPT SMART II S 32/40-180	≤ 0,18	180	G 2	PN10	70
UPT SMART II S 32/60-180	≤ 0,18	180	G 2	PN10	100
UPT SMART II S 32/80-180	≤ 0,18	180	G 2	PN10	145
UPT SMART II S 32/100-180	≤ 0,18	180	G 2	PN10	160
UPT SMART II S 32/120-180	≤ 0,18	180	G 2	PN10	160

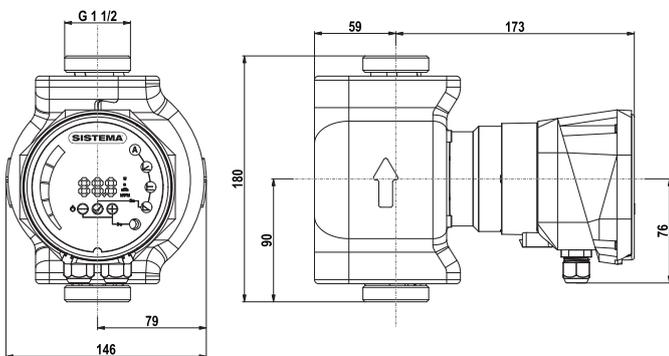
UPT SMART II U - Threaded single-motor pumps with U communication module

Type	EEl	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPT SMART II U 25/40-180	≤ 0,18	180	G 1½	PN10	70
UPT SMART II U 25/60-180	≤ 0,18	180	G 1½	PN10	100
UPT SMART II U 25/80-180	≤ 0,18	180	G 1½	PN10	145
UPT SMART II U 25/100-180	≤ 0,18	180	G 1½	PN10	160
UPT SMART II U 25/120-180	≤ 0,18	180	G 1½	PN10	160
UPT SMART II U 32/40-180	≤ 0,18	180	G 2	PN10	70
UPT SMART II U 32/60-180	≤ 0,18	180	G 2	PN10	100
UPT SMART II U 32/80-180	≤ 0,18	180	G 2	PN10	145
UPT SMART II U 32/100-180	≤ 0,18	180	G 2	PN10	160
UPT SMART II U 32/120-180	≤ 0,18	180	G 2	PN10	160

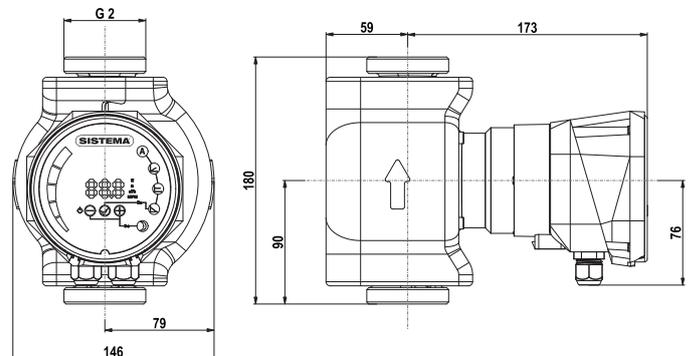
UPT SMART II C - Threaded single-motor pumps with C communication module

Type	EEl	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPT SMART II C 25/40-180	≤ 0,18	180	G 1½	PN10	70
UPT SMART II C 25/60-180	≤ 0,18	180	G 1½	PN10	100
UPT SMART II C 25/80-180	≤ 0,18	180	G 1½	PN10	145
UPT SMART II C 25/100-180	≤ 0,18	180	G 1½	PN10	160
UPT SMART II C 25/120-180	≤ 0,18	180	G 1½	PN10	160
UPT SMART II C 32/40-180	≤ 0,18	180	G 2	PN10	70
UPT SMART II C 32/60-180	≤ 0,18	180	G 2	PN10	100
UPT SMART II C 32/80-180	≤ 0,18	180	G 2	PN10	145
UPT SMART II C 32/100-180	≤ 0,18	180	G 2	PN10	160
UPT SMART II C 32/120-180	≤ 0,18	180	G 2	PN10	160

Dimensions

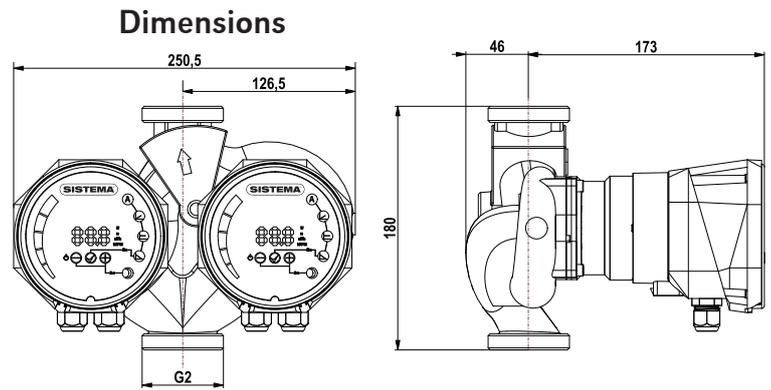


UPT SMART II X 25/XX-180



UPT SMART II X 32/XX-180

Threaded twin-motor pumps



UPTD SMART II X 32/XX-180

UPTD SMART II - Threaded twin-motor pumps

Type	EEI	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPTD SMART II 32/40-180	≤ 0,18	180	G 2	PN10	2x70
UPTD SMART II 32/60-180	≤ 0,18	180	G 2	PN10	2x100
UPTD SMART II 32/80-180	≤ 0,18	180	G 2	PN10	2x145
UPTD SMART II 32/100-180	≤ 0,18	180	G 2	PN10	2x160
UPTD SMART II 32/120-180	≤ 0,18	180	G 2	PN10	2x160

UPTD SMART II S - Threaded twin-motor pumps with S communication module

Type	EEI	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPTD SMART II S 32/40-180	≤ 0,18	180	G 2	PN10	2x70
UPTD SMART II S 32/60-180	≤ 0,18	180	G 2	PN10	2x100
UPTD SMART II S 32/80-180	≤ 0,18	180	G 2	PN10	2x145
UPTD SMART II S 32/100-180	≤ 0,18	180	G 2	PN10	2x160
UPTD SMART II S 32/120-180	≤ 0,18	180	G 2	PN10	2x160

UPTD SMART II U - Threaded twin-motor pumps with U communication module

Type	EEI	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPTD SMART II U 32/40-180	≤ 0,18	180	G 2	PN10	2x70
UPTD SMART II U 32/60-180	≤ 0,18	180	G 2	PN10	2x100
UPTD SMART II U 32/80-180	≤ 0,18	180	G 2	PN10	2x145
UPTD SMART II U 32/100-180	≤ 0,18	180	G 2	PN10	2x160
UPTD SMART II U 32/120-180	≤ 0,18	180	G 2	PN10	2x160

UPTD SMART II C - Threaded twin-motor pumps C communication module

Type	EEI	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPTD SMART II C 32/40-180	≤ 0,18	180	G 2	PN10	2x70
UPTD SMART II C 32/60-180	≤ 0,18	180	G 2	PN10	2x100
UPTD SMART II C 32/80-180	≤ 0,18	180	G 2	PN10	2x145
UPTD SMART II C 32/100-180	≤ 0,18	180	G 2	PN10	2x160
UPTD SMART II C 32/120-180	≤ 0,18	180	G 2	PN10	2x160

Flanged single-motor pumps



UPT SMART II F - Flanged single-motor pumps

Type	EEI	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPT SMART II 32/40 F220	≤ 0,18	220	DN32	PN6/10	70
UPT SMART II 32/60 F220	≤ 0,18	220	DN32	PN6/10	100
UPT SMART II 32/80 F220	≤ 0,18	220	DN32	PN6/10	145
UPT SMART II 32/100 F220	≤ 0,18	220	DN32	PN6/10	160
UPT SMART II 32/120 F220	≤ 0,18	220	DN32	PN6/10	160
UPT SMART II 40/40 F220	≤ 0,18	220	DN40	PN6/10	70
UPT SMART II 40/60 F220	≤ 0,18	220	DN40	PN6/10	100
UPT SMART II 40/80 F220	≤ 0,18	220	DN40	PN6/10	145
UPT SMART II 40/100 F220	≤ 0,18	220	DN40	PN6/10	160
UPT SMART II 40/120 F220	≤ 0,18	220	DN40	PN6/10	160
UPT SMART II 50/40 F240	≤ 0,18	240	DN50	PN6/10	70
UPT SMART II 50/60 F240	≤ 0,18	240	DN50	PN6/10	100
UPT SMART II 50/80 F240	≤ 0,18	240	DN50	PN6/10	145
UPT SMART II 50/100 F240	≤ 0,18	240	DN50	PN6/10	160
UPT SMART II 50/120 F240	≤ 0,18	240	DN50	PN6/10	160

UPT SMART II S F - Flanged single motor pumps with S communication module

Type	EEI	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPT SMART II S 32/40 F220	≤ 0,18	220	DN32	PN6/10	70
UPT SMART II S 32/60 F220	≤ 0,18	220	DN32	PN6/10	100
UPT SMART II S 32/80 F220	≤ 0,18	220	DN32	PN6/10	145
UPT SMART II S 32/100 F220	≤ 0,18	220	DN32	PN6/10	160
UPT SMART II S 32/120 F220	≤ 0,18	220	DN32	PN6/10	160
UPT SMART II S 40/40 F220	≤ 0,18	220	DN40	PN6/10	70
UPT SMART II S 40/60 F220	≤ 0,18	220	DN40	PN6/10	100
UPT SMART II S 40/80 F220	≤ 0,18	220	DN40	PN6/10	145
UPT SMART II S 40/100 F220	≤ 0,18	220	DN40	PN6/10	160
UPT SMART II S 40/120 F220	≤ 0,18	220	DN40	PN6/10	160
UPT SMART II S 50/40 F240	≤ 0,18	240	DN50	PN6/10	70
UPT SMART II S 50/60 F240	≤ 0,18	240	DN50	PN6/10	100
UPT SMART II S 50/80 F240	≤ 0,18	240	DN50	PN6/10	145
UPT SMART II S 50/100 F240	≤ 0,18	240	DN50	PN6/10	160
UPT SMART II S 50/120 F240	≤ 0,18	240	DN50	PN6/10	160

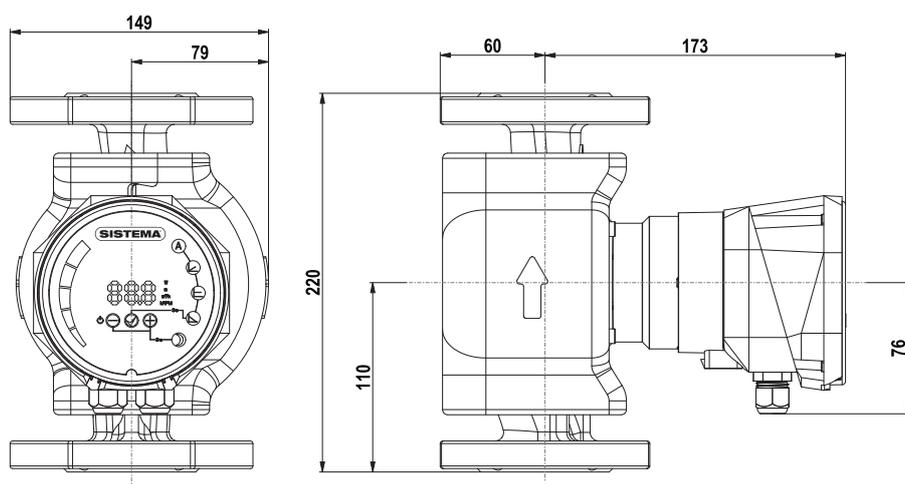
UPT SMART II U F - Flanged single motor pumps with U communication module

Type	EEI	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPT SMART II U 32/40 F220	≤ 0,18	220	DN32	PN6/10	70
UPT SMART II U 32/60 F220	≤ 0,18	220	DN32	PN6/10	100
UPT SMART II U 32/80 F220	≤ 0,18	220	DN32	PN6/10	145
UPT SMART II U 32/100 F220	≤ 0,18	220	DN32	PN6/10	160
UPT SMART II U 32/120 F220	≤ 0,18	220	DN32	PN6/10	160
UPT SMART II U 40/40 F220	≤ 0,18	220	DN40	PN6/10	70
UPT SMART II U 40/60 F220	≤ 0,18	220	DN40	PN6/10	100
UPT SMART II U 40/80 F220	≤ 0,18	220	DN40	PN6/10	145
UPT SMART II U 40/100 F220	≤ 0,18	220	DN40	PN6/10	160
UPT SMART II U 40/120 F220	≤ 0,18	220	DN40	PN6/10	160
UPT SMART II U 50/40 F240	≤ 0,18	240	DN50	PN6/10	70
UPT SMART II U 50/60 F240	≤ 0,18	240	DN50	PN6/10	100
UPT SMART II U 50/80 F240	≤ 0,18	240	DN50	PN6/10	145
UPT SMART II U 50/100 F240	≤ 0,18	240	DN50	PN6/10	160
UPT SMART II U 50/120 F240	≤ 0,18	240	DN50	PN6/10	160

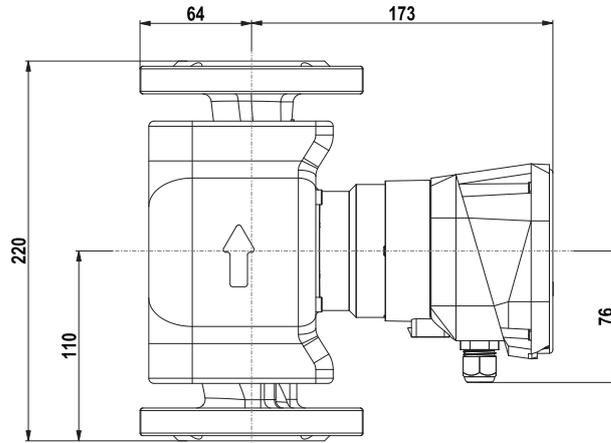
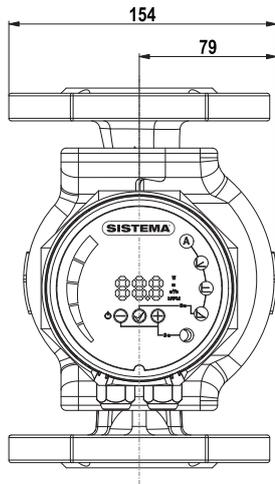
UPT SMART II C F - Flanged single motor pumps with C communication module

Type	EEl	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPT SMART II C 32/40 F220	≤ 0,18	220	DN32	PN6/10	70
UPT SMART II C 32/60 F220	≤ 0,18	220	DN32	PN6/10	100
UPT SMART II C 32/80 F220	≤ 0,18	220	DN32	PN6/10	145
UPT SMART II C 32/100 F220	≤ 0,18	220	DN32	PN6/10	160
UPT SMART II C 32/120 F220	≤ 0,18	220	DN32	PN6/10	160
UPT SMART II C 40/40 F220	≤ 0,18	220	DN40	PN6/10	70
UPT SMART II C 40/60 F220	≤ 0,18	220	DN40	PN6/10	100
UPT SMART II C 40/80 F220	≤ 0,18	220	DN40	PN6/10	145
UPT SMART II C 40/100 F220	≤ 0,18	220	DN40	PN6/10	160
UPT SMART II C 40/120 F220	≤ 0,18	220	DN40	PN6/10	160
UPT SMART II C 50/40 F240	≤ 0,18	240	DN50	PN6/10	70
UPT SMART II C 50/60 F240	≤ 0,18	240	DN50	PN6/10	100
UPT SMART II C 50/80 F240	≤ 0,18	240	DN50	PN6/10	145
UPT SMART II C 50/100 F240	≤ 0,18	240	DN50	PN6/10	160
UPT SMART II C 50/120 F240	≤ 0,18	240	DN50	PN6/10	160

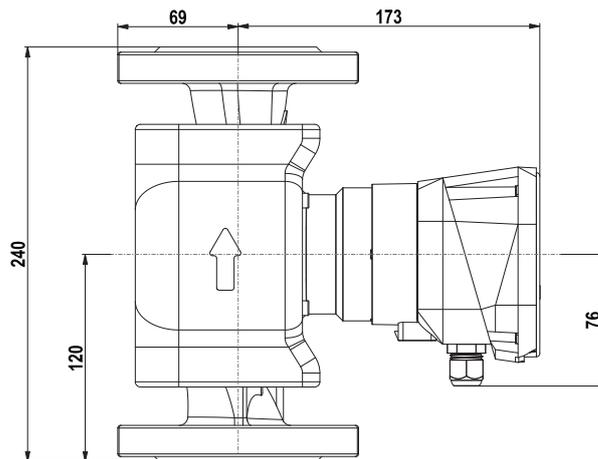
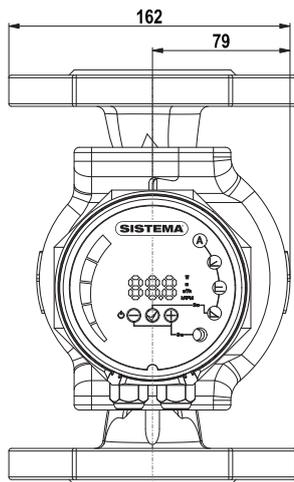
Dimensions



UPT SMART II X 32/XX-F220

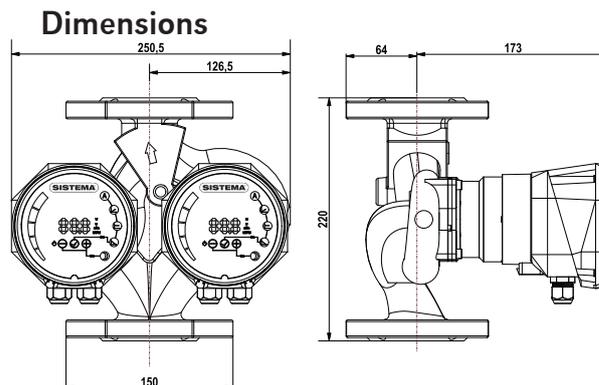


UPT SMART II X 40/XX-F220



UPT SMART II X 50/XX-F240

Flanged twin-motor pumps



UPTD SMART II X 40/XX-F220

UPTD SMART II F - Flanged twin-motor pumps

Type	EEl	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPTD SMART II 40/40 F220	≤ 0,18	220	DN40	PN6/10	2x70
UPTD SMART II 40/60 F220	≤ 0,18	220	DN40	PN6/10	2x100
UPTD SMART II 40/80 F220	≤ 0,18	220	DN40	PN6/10	2x145
UPTD SMART II 40/100 F220	≤ 0,18	220	DN40	PN6/10	2x160
UPTD SMART II 40/120 F220	≤ 0,18	220	DN40	PN6/10	2x160

UPTD SMART II S F - Flanged twin-motor pumps with S communication module

Type	EEl	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPTD SMART II S 40/40 F220	≤ 0,18	220	DN40	PN6/10	2x70
UPTD SMART II S 40/60 F220	≤ 0,18	220	DN40	PN6/10	2x100
UPTD SMART II S 40/80 F220	≤ 0,18	220	DN40	PN6/10	2x145
UPTD SMART II S 40/100 F220	≤ 0,18	220	DN40	PN6/10	2x160
UPTD SMART II S 40/120 F220	≤ 0,18	220	DN40	PN6/10	2x160

UPTD SMART II U F - Flanged twin-motor pumps with U communication module

Type	EEl	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPTD SMART II U 40/40 F220	≤ 0,18	220	DN40	PN6/10	2x70
UPTD SMART II U 40/60 F220	≤ 0,18	220	DN40	PN6/10	2x100
UPTD SMART II U 40/80 F220	≤ 0,18	220	DN40	PN6/10	2x145
UPTD SMART II U 40/100 F220	≤ 0,18	220	DN40	PN6/10	2x160
UPTD SMART II U 40/120 F220	≤ 0,18	220	DN40	PN6/10	2x160

UPTD SMART II C F - Flanged twin-motor pumps with C communication module

Type	EEl	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPTD SMART II C 40/40 F220	≤ 0,18	220	DN40	PN6/10	2x70
UPTD SMART II C 40/60 F220	≤ 0,18	220	DN40	PN6/10	2x100
UPTD SMART II C 40/80 F220	≤ 0,18	220	DN40	PN6/10	2x145
UPTD SMART II C 40/100 F220	≤ 0,18	220	DN40	PN6/10	2x160
UPTD SMART II C 40/120 F220	≤ 0,18	220	DN40	PN6/10	2x160

Threaded single-motor pumps for sanitary water systems



UPT SAN SMART II - Threaded single-motor pumps for drinking and domestic water supply systems

Type	EEI	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPT SAN SMART II 25/40-180	≤ 0,18	180	G 1½	PN10	70
UPT SAN SMART II 25/60-180	≤ 0,18	180	G 1½	PN10	100
UPT SAN SMART II 25/80-180	≤ 0,18	180	G 1½	PN10	145
UPT SAN SMART II 25/100-180	≤ 0,18	180	G 1½	PN10	160
UPT SAN SMART II 25/120-180	≤ 0,18	180	G 1½	PN10	160
UPT SAN SMART II 32/40-180	≤ 0,18	180	G 2	PN10	70
UPT SAN SMART II 32/60-180	≤ 0,18	180	G 2	PN10	100
UPT SAN SMART II 32/80-180	≤ 0,18	180	G 2	PN10	145
UPT SAN SMART II 32/100-180	≤ 0,18	180	G 2	PN10	160
UPT SAN SMART II 32/120-180	≤ 0,18	180	G 2	PN10	160

UPT SAN SMART II S - Threaded single-motor pumps for drinking and domestic water supply systems with S communication module

Type	EEI	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPT SAN SMART II S 25/40-180	≤ 0,18	180	G 1½	PN10	70
UPT SAN SMART II S 25/60-180	≤ 0,18	180	G 1½	PN10	100
UPT SAN SMART II S 25/80-180	≤ 0,18	180	G 1½	PN10	145
UPT SAN SMART II S 25/100-180	≤ 0,18	180	G 1½	PN10	160
UPT SAN SMART II S 25/120-180	≤ 0,18	180	G 1½	PN10	160
UPT SAN SMART II S 32/40-180	≤ 0,18	180	G 2	PN10	70
UPT SAN SMART II S 32/60-180	≤ 0,18	180	G 2	PN10	100
UPT SAN SMART II S 32/80-180	≤ 0,18	180	G 2	PN10	145
UPT SAN SMART II S 32/100-180	≤ 0,18	180	G 2	PN10	160
UPT SAN SMART II S 32/120-180	≤ 0,18	180	G 2	PN10	160

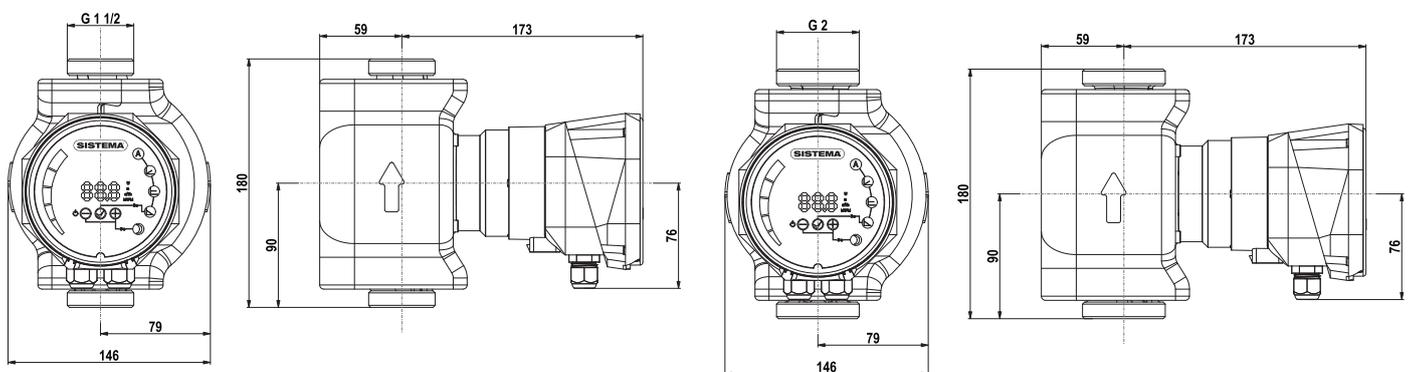
UPT SAN SMART II U - Threaded single-motor pumps for drinking and domestic water supply systems with U communication module

Type	EEI	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPT SAN SMART II U 25/40-180	≤ 0,18	180	G 1½	PN10	70
UPT SAN SMART II U 25/60-180	≤ 0,18	180	G 1½	PN10	100
UPT SAN SMART II U 25/80-180	≤ 0,18	180	G 1½	PN10	145
UPT SAN SMART II U 25/100-180	≤ 0,18	180	G 1½	PN10	160
UPT SAN SMART II U 25/120-180	≤ 0,18	180	G 1½	PN10	160
UPT SAN SMART II U 32/40-180	≤ 0,18	180	G 2	PN10	70
UPT SAN SMART II U 32/60-180	≤ 0,18	180	G 2	PN10	100
UPT SAN SMART II U 32/80-180	≤ 0,18	180	G 2	PN10	145
UPT SAN SMART II U 32/100-180	≤ 0,18	180	G 2	PN10	160
UPT SAN SMART II U 32/120-180	≤ 0,18	180	G 2	PN10	160

UPT SAN SMART II C - Threaded single-motor pumps for drinking and domestic water supply systems with C communication module

Type	EEI	Port to port length [mm]	Pipe thread	Nominal pressure	P _{max} [W]
UPT SAN SMART II C 25/40-180	≤ 0,18	180	G 1½	PN10	70
UPT SAN SMART II C 25/60-180	≤ 0,18	180	G 1½	PN10	100
UPT SAN SMART II C 25/80-180	≤ 0,18	180	G 1½	PN10	145
UPT SAN SMART II C 25/100-180	≤ 0,18	180	G 1½	PN10	160
UPT SAN SMART II C 25/120-180	≤ 0,18	180	G 1½	PN10	160
UPT SAN SMART II C 32/40-180	≤ 0,18	180	G 2	PN10	70
UPT SAN SMART II C 32/60-180	≤ 0,18	180	G 2	PN10	100
UPT SAN SMART II C 32/80-180	≤ 0,18	180	G 2	PN10	145
UPT SAN SMART II C 32/100-180	≤ 0,18	180	G 2	PN10	160
UPT SAN SMART II C 32/120-180	≤ 0,18	180	G 2	PN10	160

Dimensions



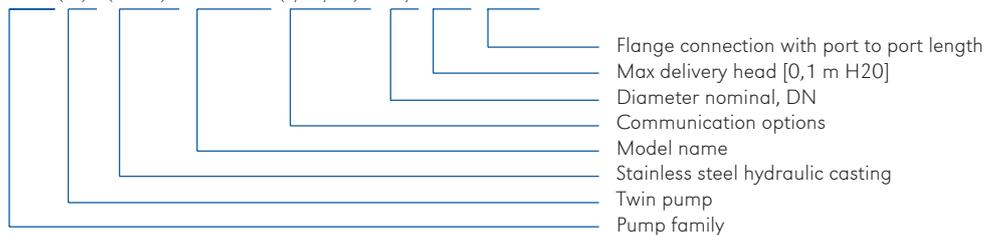
UPT SAN SMART II X 25/XX-180

UPT SAN SMART II X 32/XX-180

UPT MAX II



UPT(D) (SAN) MAX II (S/U/C) XX/XXX FXXX



Electronically controlled wet running circulating pump

For all heating systems, air conditioning, closed cooling circuits and industrial systems, used in accordance with VDI 2035 and ErP.

A high-efficiency wet running pump equipped with an auto adapt function:

- High energy-efficient motor that uses permanent magnet technology
- LED display for control, making it easy to operate
- Low noise operation, automatic venting, easy handling and installation make it a practical choice
- Robust and compact construction for longer lifetime
- Thermal insulation included

Automatic operation

- Immediate adaptation to the system

Manual adjustment

- Proportional pressure, constant pressure, constant speed, night mode

Communication options

UPT MAX II
UPT MAX II S
UPT MAX II U
UPT MAX II C

Permissible mediums

Water, or water mixed with glycol, parameters must be checked in the mixture of water with over 20% of glycol.

Pure, non-explosive liquid medium free of mineral oils and solid particles.

Temperature range of the medium is from -10 to 110°C, with max. surrounding temperature 40°C.

For UPT SAN MAX II, the maximum ambient temperature is 40°C, and the temperature range of the medium is from 2 to 65°C.

Technical specification

Flow range, Q	up to 72,7 m ³ /h
Head range, H	up to 18,9 m
Nominal pressure, PN	PN 6/10
Flange type, DN	32/40/50/65/80/100
Installation	flange
Insulation class	F
Degree of protection	IP 44
Voltage	1 - 230V, 50 Hz

Minimum inlet pressure

0.05 bar <75 °C (fluid temperature)

0.28 bar <90 °C (fluid temperature)

Material

Hydraulic casing	cast iron/stainless steel
Impeller	PES
Shaft	stainless steel AISI 316
Bearings	all carbon
Rotor can	stainless steel AISI 316

MODEL OVERVIEW

UPT MAX II



- Auto mode
- Proportional pressure mode
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting function
- EEI ≤ 0,2

UPT MAX II S



- Auto mode
- Proportional pressure mode
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting function
- EEI ≤ 0,2
- Start/stop input
- Relay output

UPT MAX II U



- Auto mode
- Proportional pressure mode
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting function
- EEI ≤ 0,2
- Start/stop input
- 2x Relay output
- Max/Min input
- 0-10V input

UPT MAX II C



- Auto mode
- Proportional pressure mode
- Constant pressure mode
- Fixed speed mode
- Night mode
- Dry running detection
- Automatic venting function
- EEI ≤ 0,2
- Start/stop input
- 2x Relay output
- Max/Min input
- 0-10V input
- 4-20mA input
- PWM input
- Modbus (RS485 and TCP/IP)
- Web server
- Bacnet

POSSIBLE TO UPGRADE

POSSIBLE TO UPGRADE

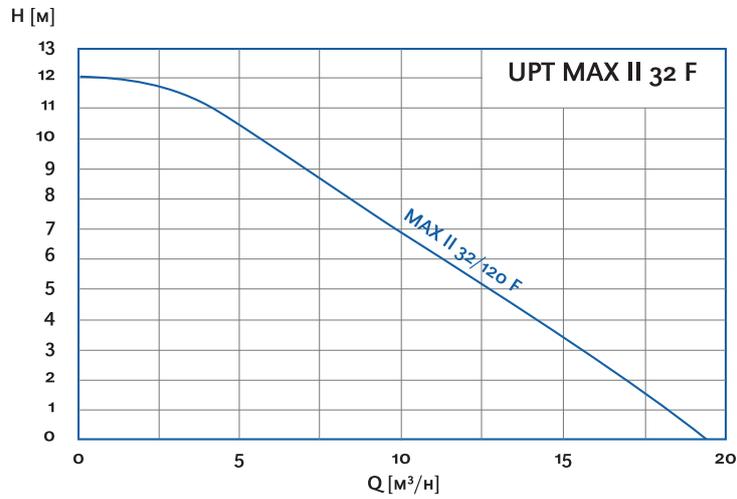
Spare/upgradable parts



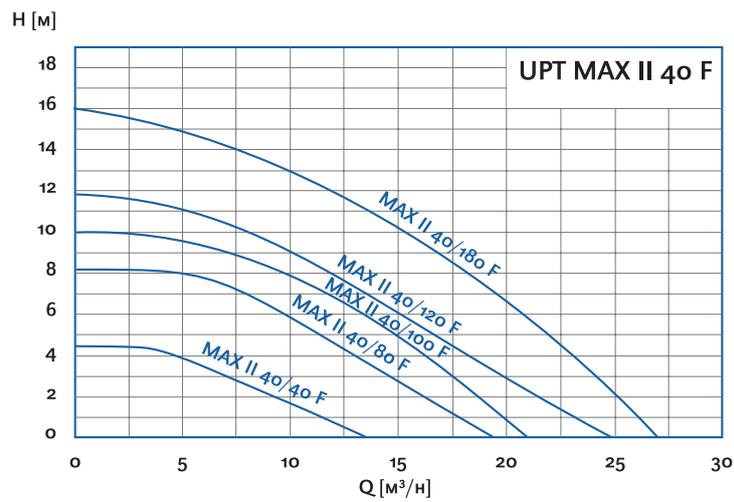
Type	Communication module S	Communication module U	Communication module C
Single pump codes	979528148	979528149	979528150
Twin pump codes	/	979528356	979528155

Performance curves

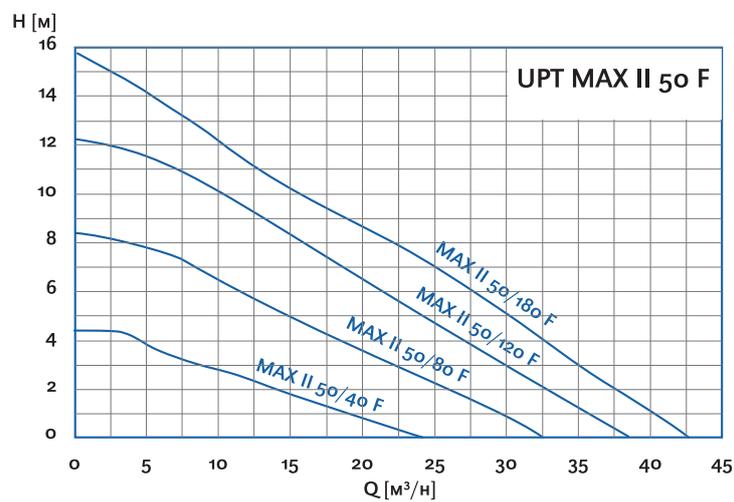
UPT MAX 32 F



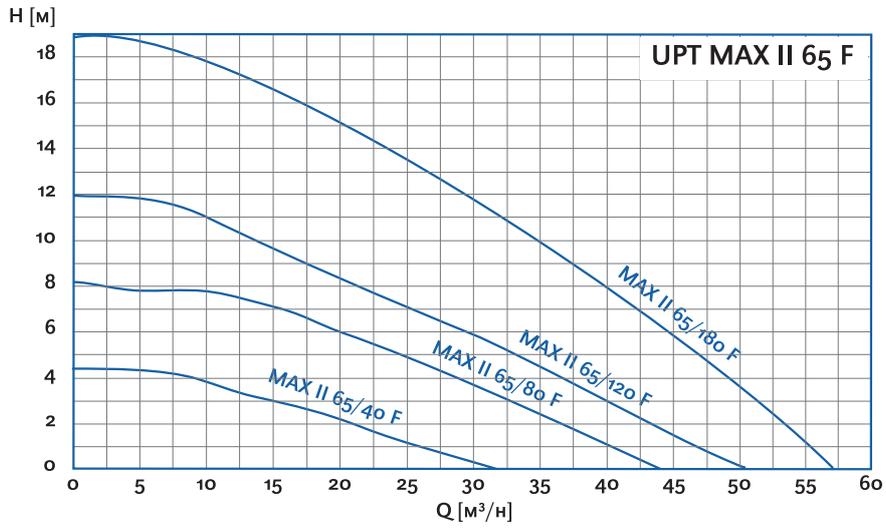
UPT MAX 40 F



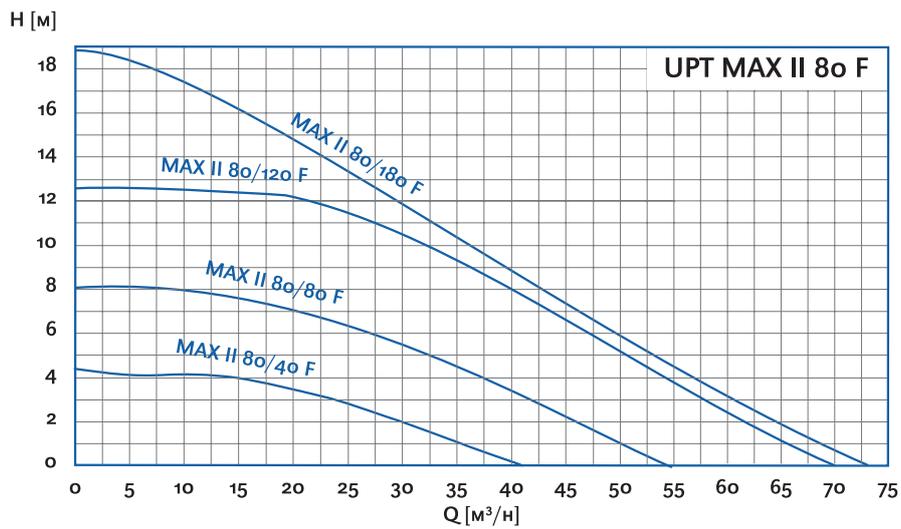
UPT MAX 50 F



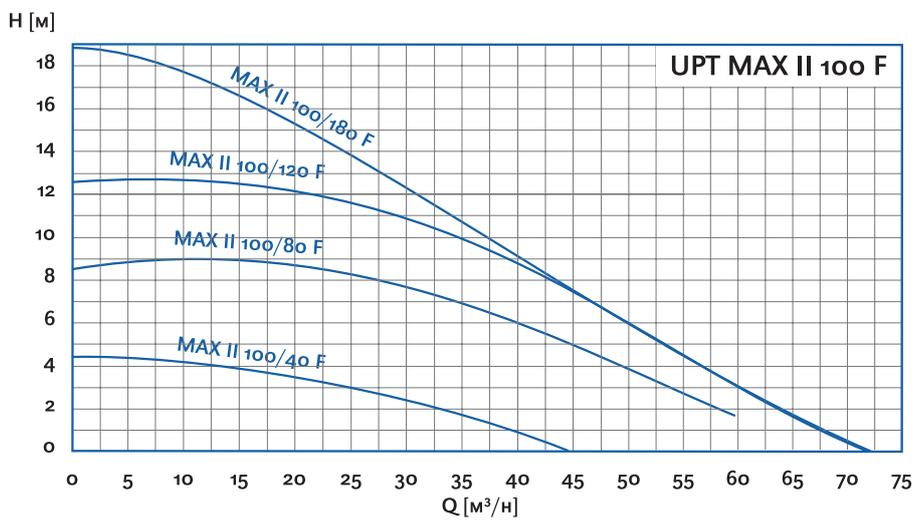
UPT MAX 65 F



UPT MAX 80 F



UPT MAX 100 F



Type	P [W]	I [A]	H [m]	Q [m³/h]													
				5	10	15	20	25	30	35	40	45	50	55	60	65	70
UPT MAX II 32/120	380	1,8		10,9	8,0	4,5	1,0										
UPT MAX II 40/40	110	1,0		3,9	1,9												
UPT MAX II 40/80	270	1,4		7,9	6,0	3,1											
UPT MAX II 40/100	380	1,8		10,0	8,1	5,0	1,4										
UPT MAX II 40/120	480	2,2		12,3	10,8	7,7	3,8										
UPT MAX II 40/180	680	3,4		16,0	14,0	10,6	6,4	2,1									
UPT MAX II 50/40	160	1,4		3,7	2,9	1,8	0,8										
UPT MAX II 50/80	370	1,7		7,5	6,6	5,3	3,8	2,3	1,0								
UPT MAX II 50/120	560	2,5		10,9	9,5	7,9	6,3	4,6	3,0	1,5	0,2						
UPT MAX II 50/180	820	3,6		14,1	12,2	10,4	8,7	7,0	5,2	3,4	1,3						
UPT MAX II 65/40	230	1,1		4,2	3,8	3,2	2,3	1,4	0,5								
UPT MAX II 65/80	560	2,5		8,0	7,7	7,0	6,1	5,1	3,8	2,5	1,2						
UPT MAX II 65/120	810	3,5		11,5	10,7	9,7	8,5	7,1	5,7	4,3	2,9	1,6	0,4				
UPT MAX II 65/180	1550	6,6		17,6	16,6	15,5	14,3	13,1	11,7	10,2	8,7	7,1	5,4	3,6	1,8		
UPT MAX II 80/40	390	1,8		4,2	4,1	3,8	3,4	2,8	2,2	1,4	0,6						
UPT MAX II 80/80	800	3,5		8,2	8,1	7,7	7,1	6,4	5,5	4,5	3,4	2,2	1,1				
UPT MAX II 80/120	1400	6,0		11,9	11,9	11,7	11,2	10,6	9,8	8,8	7,7	6,5	5,2	3,8	2,4	0,9	
UPT MAX II 80/180	1550	6,6		18,2	17,2	16,1	14,8	13,4	12,0	10,5	8,9	7,4	5,9	4,4	3,1	1,8	0,7
UPT MAX II 100/40	390	1,7		4,3	4,1	3,8	3,5	3,0	2,4	1,6	0,8						
UPT MAX II 100/80	1100	4,7		8,1	8,0	8,2	8,3	8,2	7,7	6,7	4,9	2,2					
UPT MAX II 100/120	1550	6,6		12,2	12,1	12,1	12,0	11,7	10,9	9,4	7,0	3,6					
UPT MAX II 100/180	1550	6,6		18,2	17,3	16,3	15,1	13,7	12,2	10,7	9,1	7,5	5,9	4,4	3,0	1,8	0,7

UPT MAX II - Flanged single-motor pump

Type	EEI	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPT MAX II 32/120 F220	≤ 0,20	220	DN32	PN6/10	370
UPT MAX II 40/40 F220	≤ 0,20	220	DN40	PN6/10	110
UPT MAX II 40/40 F250	≤ 0,20	250	DN40	PN6/10	110
UPT MAX II 40/80 F220	≤ 0,20	220	DN40	PN6/10	270
UPT MAX II 40/80 F250	≤ 0,20	250	DN40	PN6/10	270
UPT MAX II 40/100 F220	≤ 0,20	220	DN40	PN6/10	380
UPT MAX II 40/100 F250	≤ 0,20	250	DN40	PN6/10	380
UPT MAX II 40/120 F220	≤ 0,20	220	DN40	PN6/10	480
UPT MAX II 40/120 F250	≤ 0,20	250	DN40	PN6/10	480
UPT MAX II 40/180 F220	≤ 0,21	220	DN40	PN6/10	680
UPT MAX II 40/180 F250	≤ 0,21	250	DN40	PN6/10	680
UPT MAX II 50/40 F280	≤ 0,20	280	DN50	PN6/10	160
UPT MAX II 50/80 F280	≤ 0,20	280	DN50	PN6/10	370
UPT MAX II 50/120 F280	≤ 0,20	280	DN50	PN6/10	560
UPT MAX II 50/180 F280	≤ 0,20	280	DN50	PN6/10	830
UPT MAX II 65/40 F340	≤ 0,20	340	DN65	PN6/10	230
UPT MAX II 65/80 F340	≤ 0,20	340	DN65	PN6/10	560
UPT MAX II 65/120 F340	≤ 0,20	340	DN65	PN6/10	810
UPT MAX II 65/180 F340	≤ 0,20	340	DN65	PN6/10	1550
UPT MAX II 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	390
UPT MAX II 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	390
UPT MAX II 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	800
UPT MAX II 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	800
UPT MAX II 80/120 F360 PN	≤ 0,20	360	DN80	PN6	1380
UPT MAX II 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	1380
UPT MAX II 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	1550
UPT MAX II 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	1550
UPT MAX II 100/40 F450 PN6	≤ 0,20	450	DN100	PN6	390
UPT MAX II 100/40 F450 PN10	≤ 0,20	450	DN100	PN10	390
UPT MAX II 100/80 F450 PN6	≤ 0,20	450	DN100	PN6	1100
UPT MAX II 100/80 F450 PN10	≤ 0,20	450	DN100	PN10	1100
UPT MAX II 100/120 F450 PN6	≤ 0,20	450	DN100	PN6	1550
UPT MAX II 100/120 F450 PN10	≤ 0,20	450	DN100	PN10	1550
UPT MAX II 100/180 F450 PN6	≤ 0,20	450	DN100	PN6	1550
UPT MAX II 100/180 F450 PN10	≤ 0,20	450	DN100	PN10	1550

UPT MAX II S - Flanged single-motor pump with S communication module

Type	EEl	Port to port length [mm]	Flange type	Nominal pressure	Pmax [W]
UPT MAX II S 32/120 F220	≤ 0,20	220	DN32	PN6/10	370
UPT MAX II S 40/40 F220	≤ 0,20	220	DN40	PN6/10	110
UPT MAX II S 40/40 F250	≤ 0,20	250	DN40	PN6/10	110
UPT MAX II S 40/80 F220	≤ 0,20	220	DN40	PN6/10	270
UPT MAX II S 40/80 F250	≤ 0,20	250	DN40	PN6/10	270
UPT MAX II S 40/100 F220	≤ 0,20	220	DN40	PN6/10	380
UPT MAX II S 40/100 F250	≤ 0,20	250	DN40	PN6/10	380
UPT MAX II S 40/120 F220	≤ 0,20	220	DN40	PN6/10	480
UPT MAX II S 40/120 F250	≤ 0,20	250	DN40	PN6/10	480
UPT MAX II S 40/180 F220	≤ 0,21	220	DN40	PN6/10	680
UPT MAX II S 40/180 F250	≤ 0,21	250	DN40	PN6/10	680
UPT MAX II S 50/40 F280	≤ 0,20	280	DN50	PN6/10	160
UPT MAX II S 50/80 F280	≤ 0,20	280	DN50	PN6/10	370
UPT MAX II S 50/120 F280	≤ 0,20	280	DN50	PN6/10	560
UPT MAX II S 50/180 F280	≤ 0,20	280	DN50	PN6/10	830
UPT MAX II S 65/40 F340	≤ 0,20	340	DN65	PN6/10	230
UPT MAX II S 65/80 F340	≤ 0,20	340	DN65	PN6/10	560
UPT MAX II S 65/120 F340	≤ 0,20	340	DN65	PN6/10	810
UPT MAX II S 65/180 F340	≤ 0,20	340	DN65	PN6/10	1550
UPT MAX II S 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	390
UPT MAX II S 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	390
UPT MAX II S 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	800
UPT MAX II S 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	800
UPT MAX II S 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	1380
UPT MAX II S 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	1380
UPT MAX II S 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	1550
UPT MAX II S 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	1550
UPT MAX II S 100/40 F450 PN6	≤ 0,20	450	DN100	PN6	390
UPT MAX II S 100/40 F450 PN10	≤ 0,20	450	DN100	PN10	390
UPT MAX II S 100/80 F450 PN6	≤ 0,20	450	DN100	PN6	1100
UPT MAX II S 100/80 F450 PN10	≤ 0,20	450	DN100	PN10	1100
UPT MAX II S 100/120 F450 PN6	≤ 0,20	450	DN100	PN6	1550
UPT MAX II S 100/120 F450 PN10	≤ 0,20	450	DN100	PN10	1550
UPT MAX II S 100/180 F450 PN6	≤ 0,20	450	DN100	PN6	1550
UPT MAX II S 100/180 F450 PN10	≤ 0,20	450	DN100	PN10	1550

UPT MAX II U - Flanged single-motor pump with U communication module

Type	EEI	Port to port length [mm]	Flange type	Nominal pressure	Pmax [W]
UPT MAX II U 32/120 F220	≤ 0,20	220	DN32	PN6/10	370
UPT MAX II U 40/40 F220	≤ 0,20	220	DN40	PN6/10	110
UPT MAX II U 40/40 F250	≤ 0,20	250	DN40	PN6/10	110
UPT MAX II U 40/80 F220	≤ 0,20	220	DN40	PN6/10	270
UPT MAX II U 40/80 F250	≤ 0,20	250	DN40	PN6/10	270
UPT MAX II U 40/100 F220	≤ 0,20	220	DN40	PN6/10	380
UPT MAX II U 40/100 F250	≤ 0,20	250	DN40	PN6/10	380
UPT MAX II U 40/120 F220	≤ 0,20	220	DN40	PN6/10	480
UPT MAX II U 40/120 F250	≤ 0,20	250	DN40	PN6/10	480
UPT MAX II U 40/180 F220	≤ 0,21	220	DN40	PN6/10	680
UPT MAX II U 40/180 F250	≤ 0,21	250	DN40	PN6/10	680
UPT MAX II U 50/40 F280	≤ 0,20	280	DN50	PN6/10	160
UPT MAX II U 50/80 F280	≤ 0,20	280	DN50	PN6/10	370
UPT MAX II U 50/120 F280	≤ 0,20	280	DN50	PN6/10	560
UPT MAX II U 50/180 F280	≤ 0,20	280	DN50	PN6/10	830
UPT MAX II U 65/40 F340	≤ 0,20	340	DN65	PN6/10	230
UPT MAX II U 65/80 F340	≤ 0,20	340	DN65	PN6/10	560
UPT MAX II U 65/120 F340	≤ 0,20	340	DN65	PN6/10	810
UPT MAX II U 65/180 F340	≤ 0,20	340	DN65	PN6/10	1550
UPT MAX II U 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	390
UPT MAX II U 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	390
UPT MAX II U 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	800
UPT MAX II U 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	800
UPT MAX II U 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	1380
UPT MAX II U 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	1380
UPT MAX II U 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	1550
UPT MAX II U 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	1550
UPT MAX II U 100/40 F450 PN6	≤ 0,20	450	DN100	PN6	390
UPT MAX II U 100/40 F450 PN10	≤ 0,20	450	DN100	PN10	390
UPT MAX II U 100/80 F450 PN6	≤ 0,20	450	DN100	PN6	1100
UPT MAX II U 100/80 F450 PN10	≤ 0,20	450	DN100	PN10	1100
UPT MAX II U 100/120 F450 PN6	≤ 0,20	450	DN100	PN6	1550
UPT MAX II U 100/120 F450 PN10	≤ 0,20	450	DN100	PN10	1550
UPT MAX II U 100/180 F450 PN6	≤ 0,20	450	DN100	PN6	1550
UPT MAX II U 100/180 F450 PN10	≤ 0,20	450	DN100	PN10	1550

UPT MAX II C - Flanged single-motor pump with C communication module

Type	EEI	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPT MAX II C 32/120 F220	≤ 0,20	220	DN32	PN6/10	370
UPT MAX II C 40/40 F220	≤ 0,20	220	DN40	PN6/10	110
UPT MAX II C 40/40 F250	≤ 0,20	250	DN40	PN6/10	110
UPT MAX II C 40/80 F220	≤ 0,20	220	DN40	PN6/10	270
UPT MAX II C 40/80 F250	≤ 0,20	250	DN40	PN6/10	270
UPT MAX II C 40/100 F220	≤ 0,20	220	DN40	PN6/10	380
UPT MAX II C 40/100 F250	≤ 0,20	250	DN40	PN6/10	380
UPT MAX II C 40/120 F220	≤ 0,20	220	DN40	PN6/10	480
UPT MAX II C 40/120 F250	≤ 0,20	250	DN40	PN6/10	480
UPT MAX II C 40/180 F220	≤ 0,21	220	DN40	PN6/10	680
UPT MAX II C 40/180 F250	≤ 0,21	250	DN40	PN6/10	680
UPT MAX II C 50/40 F280	≤ 0,20	280	DN50	PN6/10	160
UPT MAX II C 50/80 F280	≤ 0,20	280	DN50	PN6/10	370
UPT MAX II C 50/120 F280	≤ 0,20	280	DN50	PN6/10	560
UPT MAX II C 50/180 F280	≤ 0,20	280	DN50	PN6/10	830
UPT MAX II C 65/40 F340	≤ 0,20	340	DN65	PN6/10	230
UPT MAX II C 65/80 F340	≤ 0,20	340	DN65	PN6/10	560
UPT MAX II C 65/120 F340	≤ 0,20	340	DN65	PN6/10	810
UPT MAX II C 65/180 F340	≤ 0,20	340	DN65	PN6/10	1550
UPT MAX II C 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	390
UPT MAX II C 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	390
UPT MAX II C 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	800
UPT MAX II C 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	800
UPT MAX II C 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	1380
UPT MAX II C 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	1380
UPT MAX II C 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	1550
UPT MAX II C 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	1550
UPT MAX II C 100/40 F450 PN6	≤ 0,20	450	DN100	PN6	390
UPT MAX II C 100/40 F450 PN10	≤ 0,20	450	DN100	PN10	390
UPT MAX II C 100/80 F450 PN6	≤ 0,20	450	DN100	PN6	1100
UPT MAX II C 100/80 F450 PN10	≤ 0,20	450	DN100	PN10	1100
UPT MAX II C 100/120 F450 PN6	≤ 0,20	450	DN100	PN6	1550
UPT MAX II C 100/120 F450 PN10	≤ 0,20	450	DN100	PN10	1550
UPT MAX II C 100/180 F450 PN6	≤ 0,20	450	DN100	PN6	1550
UPT MAX II C 100/180 F450 PN10	≤ 0,20	450	DN100	PN10	1550

UPTD MAX II - Flanged twin-motor pump

Type	EEI	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPTD MAX II 32/120 F220	≤ 0,20	220	DN32	PN6/10	2x370
UPTD MAX II 40/40 F220	≤ 0,20	220	DN40	PN6/10	2x110
UPTD MAX II 40/40 F250	≤ 0,20	250	DN40	PN6/10	2x110
UPTD MAX II 40/80 F220	≤ 0,20	220	DN40	PN6/10	2x270
UPTD MAX II 40/80 F250	≤ 0,20	250	DN40	PN6/10	2x270
UPTD MAX II 40/100 F220	≤ 0,20	220	DN40	PN6/10	2x380
UPTD MAX II 40/100 F250	≤ 0,20	250	DN40	PN6/10	2x380
UPTD MAX II 40/120 F220	≤ 0,20	220	DN40	PN6/10	2x480
UPTD MAX II 40/120 F250	≤ 0,20	250	DN40	PN6/10	2x480
UPTD MAX II 40/180 F220	≤ 0,21	220	DN40	PN6/10	2x680
UPTD MAX II 40/180 F250	≤ 0,21	250	DN40	PN6/10	2x680
UPTD MAX II 50/40 F280	≤ 0,20	280	DN50	PN6/10	2x160
UPTD MAX II 50/80 F280	≤ 0,20	280	DN50	PN6/10	2x370
UPTD MAX II 50/120 F280	≤ 0,20	280	DN50	PN6/10	2x560
UPTD MAX II 50/180 F280	≤ 0,20	280	DN50	PN6/10	2x830
UPTD MAX II 65/40 F340	≤ 0,20	340	DN65	PN6/10	2x230
UPTD MAX II 65/80 F340	≤ 0,20	340	DN65	PN6/10	2x560
UPTD MAX II 65/120 F340	≤ 0,20	340	DN65	PN6/10	2x810
UPTD MAX II 65/180 F340	≤ 0,20	340	DN65	PN6/10	2x1550
UPTD MAX II 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	2x390
UPTD MAX II 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	2x390
UPTD MAX II 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	2x800
UPTD MAX II 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	2x800
UPTD MAX II 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	2x1380
UPTD MAX II 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	2x1380
UPTD MAX II 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	2x1550
UPTD MAX II 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	2x1550
UPTD MAX II 100/40 F450 PN6	≤ 0,20	450	DN100	PN6	2x390
UPTD MAX II 100/40 F450 PN10	≤ 0,20	450	DN100	PN10	2x390
UPTD MAX II 100/80 F450 PN6	≤ 0,20	450	DN100	PN6	2x1100
UPTD MAX II 100/80 F450 PN10	≤ 0,20	450	DN100	PN10	2x1100
UPTD MAX II 100/120 F450 PN6	≤ 0,20	450	DN100	PN6	2x1550
UPTD MAX II 100/120 F450 PN10	≤ 0,20	450	DN100	PN10	2x1550
UPTD MAX II 100/180 F450 PN6	≤ 0,20	450	DN100	PN6	2x1550
UPTD MAX II 100/180 F450 PN10	≤ 0,20	450	DN100	PN10	2x1550

UPTD MAX II S - Flanged twin-motor pump with S communication module

Type	EEl	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPTD MAX II S 32/120 F220	≤ 0,20	220	DN32	PN6/10	2x370
UPTD MAX II S 40/40 F220	≤ 0,20	220	DN40	PN6/10	2x110
UPTD MAX II S 40/40 F250	≤ 0,20	250	DN40	PN6/10	2x110
UPTD MAX II S 40/80 F220	≤ 0,20	220	DN40	PN6/10	2x270
UPTD MAX II S 40/80 F250	≤ 0,20	250	DN40	PN6/10	2x270
UPTD MAX II S 40/100 F220	≤ 0,20	220	DN40	PN6/10	2x380
UPTD MAX II S 40/100 F250	≤ 0,20	250	DN40	PN6/10	2x380
UPTD MAX II S 40/120 F220	≤ 0,20	220	DN40	PN6/10	2x480
UPTD MAX II S 40/120 F250	≤ 0,20	250	DN40	PN6/10	2x480
UPTD MAX II S 40/180 F220	≤ 0,21	220	DN40	PN6/10	2x680
UPTD MAX II S 40/180 F250	≤ 0,21	250	DN40	PN6/10	2x680
UPTD MAX II S 50/40 F280	≤ 0,20	280	DN50	PN6/10	2x160
UPTD MAX II S 50/80 F280	≤ 0,20	280	DN50	PN6/10	2x370
UPTD MAX II S 50/120 F280	≤ 0,20	280	DN50	PN6/10	2x560
UPTD MAX II S 50/180 F280	≤ 0,20	280	DN50	PN6/10	2x830
UPTD MAX II S 65/40 F340	≤ 0,20	340	DN65	PN6/10	2x230
UPTD MAX II S 65/80 F340	≤ 0,20	340	DN65	PN6/10	2x560
UPTD MAX II S 65/120 F340	≤ 0,20	340	DN65	PN6/10	2x810
UPTD MAX II S 65/180 F340	≤ 0,20	340	DN65	PN6/10	2x1550
UPTD MAX II S 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	2x390
UPTD MAX II S 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	2x390
UPTD MAX II S 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	2x800
UPTD MAX II S 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	2x800
UPTD MAX II S 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	2x1380
UPTD MAX II S 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	2x1380
UPTD MAX II S 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	2x1550
UPTD MAX II S 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	2x1550
UPTD MAX II S 100/40 F450 PN6	≤ 0,20	450	DN100	PN6	2x390
UPTD MAX II S 100/40 F450 PN10	≤ 0,20	450	DN100	PN10	2x390
UPTD MAX II S 100/80 F450 PN6	≤ 0,20	450	DN100	PN6	2x1100
UPTD MAX II S 100/80 F450 PN10	≤ 0,20	450	DN100	PN10	2x1100
UPTD MAX II S 100/120 F450 PN6	≤ 0,20	450	DN100	PN6	2x1550
UPTD MAX II S 100/120 F450 PN10	≤ 0,20	450	DN100	PN10	2x1550
UPTD MAX II S 100/180 F450 PN6	≤ 0,20	450	DN100	PN6	2x1550
UPTD MAX II S 100/180 F450 PN10	≤ 0,20	450	DN100	PN10	2x1550

UPTD MAX II U - Flanged twin-motor pump with U communication module

Type	EEI	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPTD MAX II U 32/120 F220	≤ 0,20	220	DN32	PN6/10	2x370
UPTD MAX II U 40/40 F220	≤ 0,20	220	DN40	PN6/10	2x110
UPTD MAX II U 40/40 F250	≤ 0,20	250	DN40	PN6/10	2x110
UPTD MAX II U 40/80 F220	≤ 0,20	220	DN40	PN6/10	2x270
UPTD MAX II U 40/80 F250	≤ 0,20	250	DN40	PN6/10	2x270
UPTD MAX II U 40/100 F220	≤ 0,20	220	DN40	PN6/10	2x380
UPTD MAX II U 40/100 F250	≤ 0,20	250	DN40	PN6/10	2x380
UPTD MAX II U 40/120 F220	≤ 0,20	220	DN40	PN6/10	2x480
UPTD MAX II U 40/120 F250	≤ 0,20	250	DN40	PN6/10	2x480
UPTD MAX II U 40/180 F220	≤ 0,21	220	DN40	PN6/10	2x680
UPTD MAX II U 40/180 F250	≤ 0,21	250	DN40	PN6/10	2x680
UPTD MAX II U 50/40 F280	≤ 0,20	280	DN50	PN6/10	2x160
UPTD MAX II U 50/80 F280	≤ 0,20	280	DN50	PN6/10	2x370
UPTD MAX II U 50/120 F280	≤ 0,20	280	DN50	PN6/10	2x560
UPTD MAX II U 50/180 F280	≤ 0,20	280	DN50	PN6/10	2x830
UPTD MAX II U 65/40 F340	≤ 0,20	340	DN65	PN6/10	2x230
UPTD MAX II U 65/80 F340	≤ 0,20	340	DN65	PN6/10	2x560
UPTD MAX II U 65/120 F340	≤ 0,20	340	DN65	PN6/10	2x810
UPTD MAX II U 65/180 F340	≤ 0,20	340	DN65	PN6/10	2x1550
UPTD MAX II U 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	2x390
UPTD MAX II U 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	2x390
UPTD MAX II U 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	2x800
UPTD MAX II U 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	2x800
UPTD MAX II U 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	2x1380
UPTD MAX II U 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	2x1380
UPTD MAX II U 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	2x1550
UPTD MAX II U 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	2x1550
UPTD MAX II U 100/40 F450 PN6	≤ 0,20	450	DN100	PN6	2x390
UPTD MAX II U 100/40 F450 PN10	≤ 0,20	450	DN100	PN10	2x390
UPTD MAX II U 100/80 F450 PN6	≤ 0,20	450	DN100	PN6	2x1100
UPTD MAX II U 100/80 F450 PN10	≤ 0,20	450	DN100	PN10	2x1100
UPTD MAX II U 100/120 F450 PN6	≤ 0,20	450	DN100	PN6	2x1550
UPTD MAX II U 100/120 F450 PN10	≤ 0,20	450	DN100	PN10	2x1550
UPTD MAX II U 100/180 F450 PN6	≤ 0,20	450	DN100	PN6	2x1550
UPTD MAX II U 100/180 F450 PN10	≤ 0,20	450	DN100	PN10	2x1550

UPTD MAX II C - Flanged twin-motor pump with C communication module

Type	EEl	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPTD MAX II C 32/120 F220	≤ 0,20	220	DN32	PN6/10	2x370
UPTD MAX II C 40/40 F220	≤ 0,20	220	DN40	PN6/10	2x110
UPTD MAX II C 40/40 F250	≤ 0,20	250	DN40	PN6/10	2x110
UPTD MAX II C 40/80 F220	≤ 0,20	220	DN40	PN6/10	2x270
UPTD MAX II C 40/80 F250	≤ 0,20	250	DN40	PN6/10	2x270
UPTD MAX II C 40/100 F220	≤ 0,20	220	DN40	PN6/10	2x380
UPTD MAX II C 40/100 F250	≤ 0,20	250	DN40	PN6/10	2x380
UPTD MAX II C 40/120 F220	≤ 0,20	220	DN40	PN6/10	2x480
UPTD MAX II C 40/120 F250	≤ 0,20	250	DN40	PN6/10	2x480
UPTD MAX II C 40/180 F220	≤ 0,21	220	DN40	PN6/10	2x680
UPTD MAX II C 40/180 F250	≤ 0,21	250	DN40	PN6/10	2x680
UPTD MAX II C 50/40 F280	≤ 0,20	280	DN50	PN6/10	2x160
UPTD MAX II C 50/80 F280	≤ 0,20	280	DN50	PN6/10	2x370
UPTD MAX II C 50/120 F280	≤ 0,20	280	DN50	PN6/10	2x560
UPTD MAX II C 50/180 F280	≤ 0,20	280	DN50	PN6/10	2x830
UPTD MAX II C 65/40 F340	≤ 0,20	340	DN65	PN6/10	2x230
UPTD MAX II C 65/80 F340	≤ 0,20	340	DN65	PN6/10	2x560
UPTD MAX II C 65/120 F340	≤ 0,20	340	DN65	PN6/10	2x810
UPTD MAX II C 65/180 F340	≤ 0,20	340	DN65	PN6/10	2x1550
UPTD MAX II C 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	2x390
UPTD MAX II C 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	2x390
UPTD MAX II C 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	2x800
UPTD MAX II C 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	2x800
UPTD MAX II C 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	2x1380
UPTD MAX II C 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	2x1380
UPTD MAX II C 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	2x1550
UPTD MAX II C 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	2x1550
UPTD MAX II C 100/40 F450 PN6	≤ 0,20	450	DN100	PN6	2x390
UPTD MAX II C 100/40 F450 PN10	≤ 0,20	450	DN100	PN10	2x390
UPTD MAX II C 100/80 F450 PN6	≤ 0,20	450	DN100	PN6	2x1100
UPTD MAX II C 100/80 F450 PN10	≤ 0,20	450	DN100	PN10	2x1100
UPTD MAX II C 100/120 F450 PN6	≤ 0,20	450	DN100	PN6	2x1550
UPTD MAX II C 100/120 F450 PN10	≤ 0,20	450	DN100	PN10	2x1550
UPTD MAX II C 100/180 F450 PN6	≤ 0,20	450	DN100	PN6	2x1550
UPTD MAX II C 100/180 F450 PN10	≤ 0,20	450	DN100	PN10	2x1550

UPT SAN MAX II - Flanged single-motor pumps for drinking and domestic water supply systems

Type	EI	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPT SAN MAX II 40/40 F250	≤ 0,20	250	DN40	PN6/10	110
UPT SAN MAX II 40/80 F250	≤ 0,20	250	DN40	PN6/10	270
UPT SAN MAX II 40/100 F250	≤ 0,20	250	DN40	PN6/10	380
UPT SAN MAX II 40/120 F250	≤ 0,20	250	DN40	PN6/10	480
UPT SAN MAX II 40/180 F250	≤ 0,21	250	DN40	PN6/10	680
UPT SAN MAX II 50/40 F280	≤ 0,20	280	DN50	PN6/10	160
UPT SAN MAX II 50/80 F280	≤ 0,20	280	DN50	PN6/10	370
UPT SAN MAX II 50/120 F280	≤ 0,20	280	DN50	PN6/10	560
UPT SAN MAX II 50/180 F280	≤ 0,20	280	DN50	PN6/10	830
UPT SAN MAX II 65/40 F340	≤ 0,20	340	DN65	PN6/10	230
UPT SAN MAX II 65/80 F340	≤ 0,20	340	DN65	PN6/10	560
UPT SAN MAX II 65/120 F340	≤ 0,20	340	DN65	PN6/10	810
UPT SAN MAX II 65/180 F340	≤ 0,20	340	DN65	PN6/10	1550
UPT SAN MAX II 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	390
UPT SAN MAX II 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	390
UPT SAN MAX II 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	800
UPT SAN MAX II 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	800
UPT SAN MAX II 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	1380
UPT SAN MAX II 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	1380
UPT SAN MAX II 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	1550
UPT SAN MAX II 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	1550

UPT SAN MAX II S - Flanged single-motor pumps for drinking and domestic water supply systems with S communication module

Type	EEl	Port to port length [mm]	Flange type	Nominal pressure	Pmax [W]
UPT SAN MAX II S 40/40 F250	≤ 0,20	250	DN40	PN6/10	110
UPT SAN MAX II S 40/80 F250	≤ 0,20	250	DN40	PN6/10	270
UPT SAN MAX II S 40/100 F250	≤ 0,20	250	DN40	PN6/10	380
UPT SAN MAX II S 40/120 F250	≤ 0,20	250	DN40	PN6/10	480
UPT SAN MAX II S 40/180 F250	≤ 0,21	250	DN40	PN6/10	680
UPT SAN MAX II S 50/40 F280	≤ 0,20	280	DN50	PN6/10	160
UPT SAN MAX II S 50/80 F280	≤ 0,20	280	DN50	PN6/10	370
UPT SAN MAX II S 50/120 F280	≤ 0,20	280	DN50	PN6/10	560
UPT SAN MAX II S 50/180 F280	≤ 0,20	280	DN50	PN6/10	830
UPT SAN MAX II S 65/40 F340	≤ 0,20	340	DN65	PN6/10	230
UPT SAN MAX II S 65/80 F340	≤ 0,20	340	DN65	PN6/10	560
UPT SAN MAX II S 65/120 F340	≤ 0,20	340	DN65	PN6/10	810
UPT SAN MAX II S 65/180 F340	≤ 0,20	340	DN65	PN6/10	1550
UPT SAN MAX II S 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	390
UPT SAN MAX II S 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	390
UPT SAN MAX II S 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	800
UPT SAN MAX II S 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	800
UPT SAN MAX II S 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	1380
UPT SAN MAX II S 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	1380
UPT SAN MAX II S 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	1550
UPT SAN MAX II S 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	1550

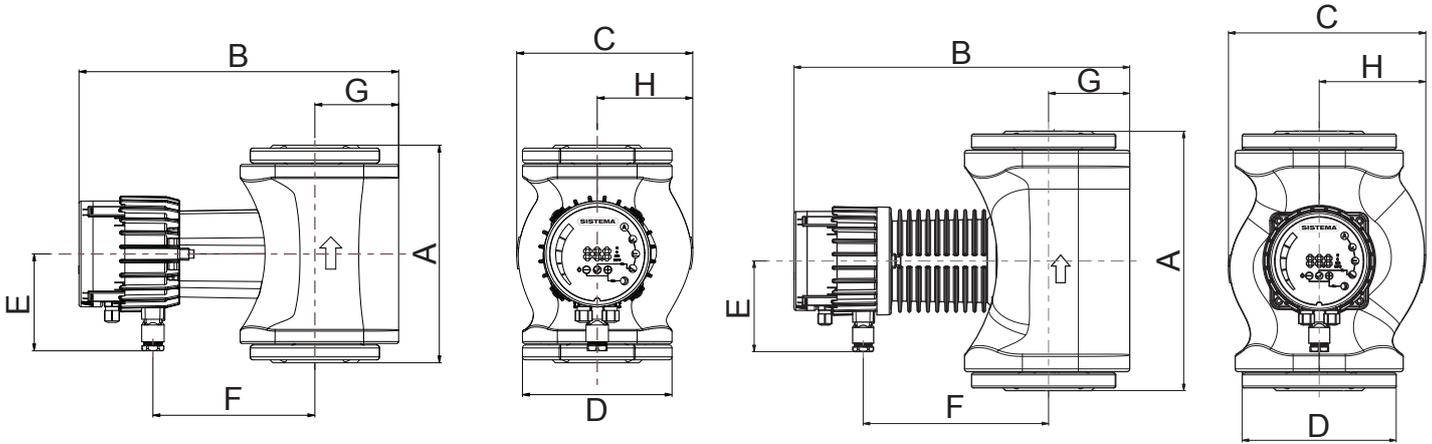
UPT SAN MAX II U - Flanged single-motor pumps for drinking and domestic water supply systems with U communication module

Type	EEI	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPT SAN MAX II U 40/40 F250	≤ 0,20	250	DN40	PN6/10	110
UPT SAN MAX II U 40/80 F250	≤ 0,20	250	DN40	PN6/10	270
UPT SAN MAX II U 40/100 F250	≤ 0,20	250	DN40	PN6/10	380
UPT SAN MAX II U 40/120 F250	≤ 0,20	250	DN40	PN6/10	480
UPT SAN MAX II U 40/180 F250	≤ 0,21	250	DN40	PN6/10	680
UPT SAN MAX II U 50/80 F280	≤ 0,20	280	DN50	PN6/10	370
UPT SAN MAX II U 50/120 F280	≤ 0,20	280	DN50	PN6/10	560
UPT SAN MAX II U 50/180 F280	≤ 0,20	280	DN50	PN6/10	830
UPT SAN MAX II U 65/40 F340	≤ 0,20	340	DN65	PN6/10	230
UPT SAN MAX II U 65/80 F340	≤ 0,20	340	DN65	PN6/10	560
UPT SAN MAX II U 65/120 F340	≤ 0,20	340	DN65	PN6/10	810
UPT SAN MAX II U 65/180 F340	≤ 0,20	340	DN65	PN6/10	1550
UPT SAN MAX II U 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	390
UPT SAN MAX II U 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	390
UPT SAN MAX II U 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	800
UPT SAN MAX II U 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	800
UPT SAN MAX II U 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	1380
UPT SAN MAX II U 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	1380
UPT SAN MAX II U 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	1550
UPT SAN MAX II U 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	1550

UPT SAN MAX II C - Flanged single-motor pumps for drinking and domestic water supply systems with C communication module

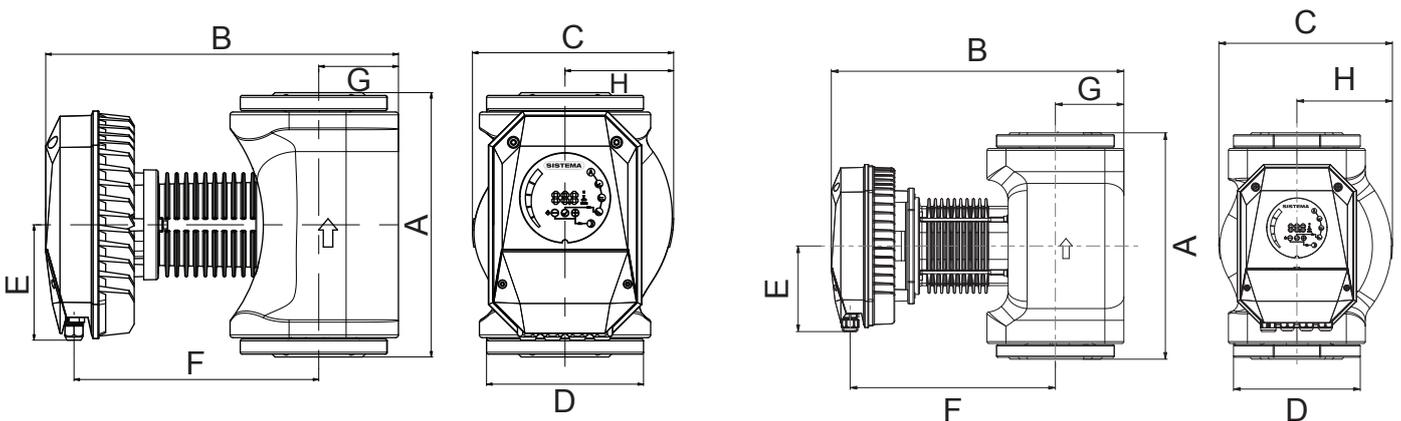
Type	EEI	Port to port length [mm]	Flange type	Nominal pressure	P _{max} [W]
UPT SAN MAX II C 40/40 F250	≤ 0,20	250	DN40	PN6/10	110
UPT SAN MAX II C 40/80 F250	≤ 0,20	250	DN40	PN6/10	270
UPT SAN MAX II C 40/100 F250	≤ 0,20	250	DN40	PN6/10	380
UPT SAN MAX II C 40/120 F250	≤ 0,20	250	DN40	PN6/10	480
UPT SAN MAX II C 40/180 F250	≤ 0,21	250	DN40	PN6/10	680
UPT SAN MAX II C 50/40 F280	≤ 0,20	280	DN50	PN6/10	160
UPT SAN MAX II C 50/80 F280	≤ 0,20	280	DN50	PN6/10	370
UPT SAN MAX II C 50/120 F280	≤ 0,20	280	DN50	PN6/10	560
UPT SAN MAX II C 50/180 F280	≤ 0,20	280	DN50	PN6/10	830
UPT SAN MAX II C 65/40 F340	≤ 0,20	340	DN65	PN6/10	230
UPT SAN MAX II C 65/80 F340	≤ 0,20	340	DN65	PN6/10	560
UPT SAN MAX II C 65/120 F340	≤ 0,20	340	DN65	PN6/10	810
UPT SAN MAX II C 65/180 F340	≤ 0,20	340	DN65	PN6/10	1550
UPT SAN MAX II C 80/40 F360 PN6	≤ 0,20	360	DN80	PN6	390
UPT SAN MAX II C 80/40 F360 PN10	≤ 0,20	360	DN80	PN10	390
UPT SAN MAX II C 80/80 F360 PN6	≤ 0,20	360	DN80	PN6	800
UPT SAN MAX II C 80/80 F360 PN10	≤ 0,20	360	DN80	PN10	800
UPT SAN MAX II C 80/120 F360 PN6	≤ 0,20	360	DN80	PN6	1380
UPT SAN MAX II C 80/120 F360 PN10	≤ 0,20	360	DN80	PN10	1380
UPT SAN MAX II C 80/180 F360 PN6	≤ 0,20	360	DN80	PN6	1550
UPT SAN MAX II C 80/180 F360 PN10	≤ 0,20	360	DN80	PN10	1550

Dimensions UPT MAX



Type	A	B	C	D	E	F	G	H
UPT MAX II 40/40	220/250	321	177	150	98	162	84	96

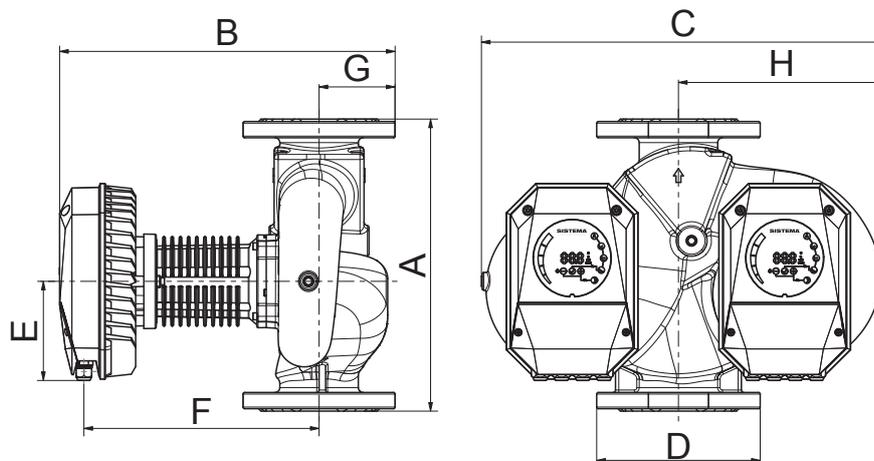
Type	A	B	C	D	E	F	G	H
UPT MAX II 50/40	280	345	212	165	98	199	87	114



Type	A	B	C	D	E	F	G	H
UPT MAX II 32/120	220	379	179	150	122	266	83	97
UPT MAX II 40/80	220/250	380	179	150	122	266	83	97
UPT MAX II 40/100	220/250	380	179	150	122	266	83	97
UPT MAX II 40/120	220/250	380	179	150	122	266	83	97
UPT MAX II 40/180	220/250	390	179	150	122	276	83	97
UPT MAX II 50/80	280	371	210	165	122	157	84	114
UPT MAX II 50/120	280	371	210	165	122	157	84	114
UPT MAX II 50/180	280	381	210	165	122	167	84	114
UPT MAX II 65/40	340	402	214	185	122	226	95	118
UPT MAX II 65/80	340	402	214	185	122	226	95	118
UPT MAX II 65/120	340	412	214	185	122	236	95	118
UPT MAX II 80/40	360	415	273	200	122	278	108	150
UPT MAX II 80/80	360	425	273	200	122	288	108	150
UPT MAX II 100/40	450	415	273	220	122	278	108	150

Type	A	B	C	D	E	F	G	H
UPT MAX II 65/180	340	454	215	185	137	325	96	120
UPT MAX II 80/120	360	476	274	200	144	335	108	150
UPT MAX II 80/180	360	476	274	200	144	335	108	150
UPT MAX II 100/80	450	476	274	220	144	335	108	150
UPT MAX II 100/120	450	476	274	220	144	335	108	150
UPT MAX II 100/180	450	476	274	220	144	335	108	150

Dimensions UPTD MAX



Type	A	B	C	D	E	F	G	H
UPTD MAX II 32/120	220	361	371	150	122	266	65	188
UPTD MAX II 40/80	220/250	361	371	150	122	266	65	188
UPTD MAX II 40/100	220/250	361	371	150	122	266	65	188
UPTD MAX II 40/120	220/250	361	371	150	122	266	65	188
UPTD MAX II 40/180	220/250	371	371	150	122	276	65	188
UPTD MAX II 50/80	280	371	400	165	122	266	72	203
UPTD MAX II 50/120	280	371	400	165	122	266	72	203
UPTD MAX II 50/180	280	381	400	165	122	275	72	203
UPTD MAX II 65/40	340	368	442	185	122	266	75	226
UPTD MAX II 65/80	340	368	442	185	122	266	75	226
UPTD MAX II 65/120	340	412	442	185	122	275	75	226
UPTD MAX II 80/40	360	390	494	200	122	278	93	253
UPTD MAX II 80/80	360	390	494	200	122	288	93	253
UPTD MAX II 80/120	360	447	494	200	136	324	93	241
UPTD MAX II 80/180	360	447	494	200	136	324	93	241
UPTD MAX II 100/40	450	410	494	220	122	278	108	253
UPTD MAX II 100/80	450	410	494	220	136	324	108	253
UPTD MAX II 100/120	450	410	494	220	136	324	108	253
UPTD MAX II 100/180	450	410	494	220	136	324	108	253

UPS ECO PRO - Spherical motor pumps for domestic water supply systems



UPS ECO PRO xx / xx B(TU)



Pump version
Diameter nominal, DN
Pump for domestic supply water systems

UPS ECO PRO 15/15

Highly efficient, manually adjustable circulating pumps for hot water..
The spherical motor - without shaft.
Bronze hydraulics for domestic water supply systems.

4 versions of pumps:

- B basic version
- BT with thermostat (range 20 - 70 °C)
- BU with timer
- BTU with thermostat (range 20 - 70 °C) and timer

Operating temperature

ambient: 0 - 50°C
fluid: 5 - 95°C

Technical specification

Flow range, Q	up to 1,2 m3/h
Head range, H	up to 0,8 m
Diameter nominal, DN	15
Pipe thread, G	G 1
Installation	threaded
Insulation class	F
Degree of protection	IP 44
Voltage	1 - 230V, 50 Hz



B - basic version



BT - with thermostat (20°C - 70°C)

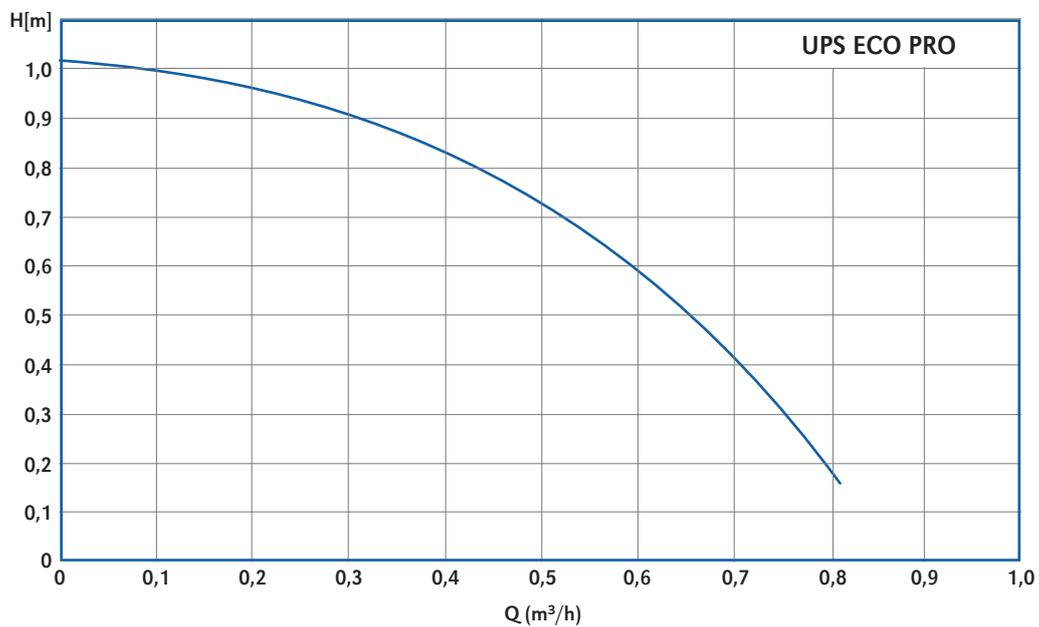


BU - with timer



BTU - with thermostat (20°C - 70°C) and timer

Performance range



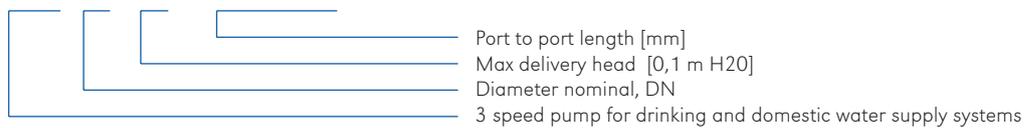
UPS ECO PRO - Circulating pumps for domestic water supply systems

Type	Port to port length [mm]	Pipe thread	Pmax [W]	Weight [kg]
UPS ECO PRO 15/15 B	65	G 1	10	0,85
UPS ECO PRO 15/15 BU	65	G 1	10	0,85
UPS ECO PRO 15/15 BTU	65	G 1	10	0,85
UPS ECO PRO 15/15 BT	65	G 1	10	0,85

UPS - Threaded single-motor 3-speed pumps for drinking and domestic water supply systems



UPS xx / xx - 130 (180)



UPS xx / xx - 130 (180)

- 3-speed pump for drinking and domestic water supply systems
- Bronze hydraulics
- Robust construction
- Maintenance-free operation

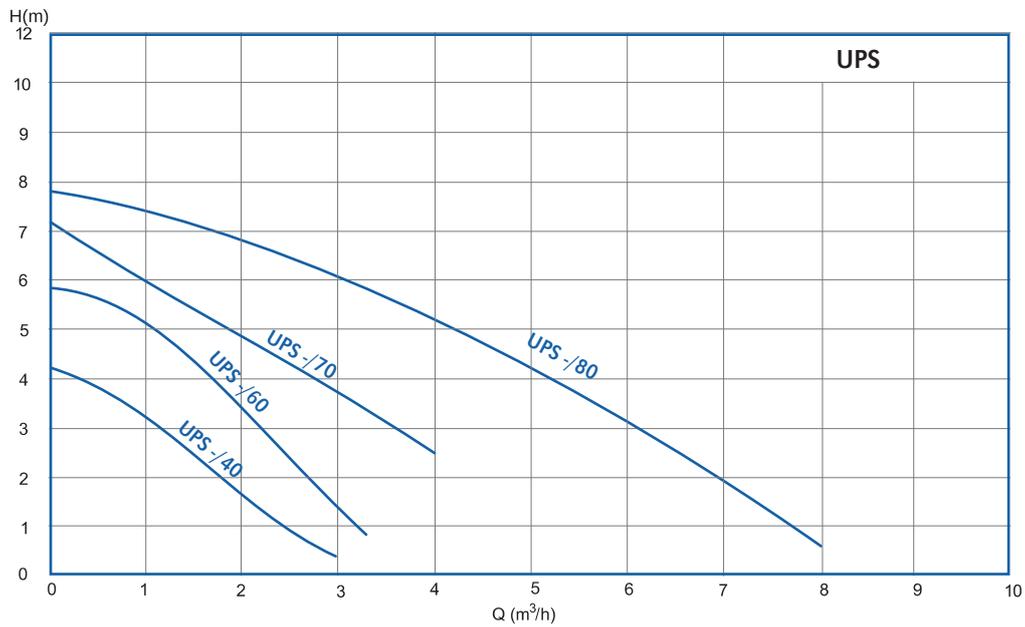
Minimum inlet pressure

0.05 bar < 75 °C (fluid temperature)
0.28 bar < 90 °C (fluid temperature)

Technical specification	
Flow range, Q	up to 8,4 m ³ /h
Head range, H	up to 8 m
Diameter nominal, DN	15/20/25/32
Pipe thread, G	G 1 / G 1 ¼ / G 1 ½ / G 2
Installation	threaded
Insulation class	H
Degree of protection	IP 44
Voltage	1 ~ 230V, 50 Hz

Material	
Hydraulic casing	bronze
Impeller	polyamid, PES
Shaft	stainless steel AISI 316
Bearings	all carbon
Rotor can	stainless steel AISI 316

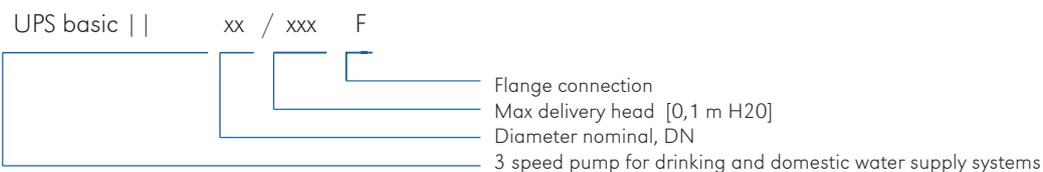
Performance range



UPS - Threaded single-motor 3-speed pumps for drinking and domestic water supply systems

Type	Port to port length [mm]	Pipe thread	Pmax [W]	Weight [kg]
UPS 15/40-130	130	G 1	75	2,30
UPS 20/40-130	130	G 1 ¼	75	2,40
UPS 25/40-130	130	G 1 ½	75	2,50
UPS 15/60-130	130	G 1	90	2,40
UPS 20/60-130	130	G 1 ¼	90	2,50
UPS 25/60-130	130	G 1 ½	90	2,65
UPS 20/70-130	130	G 1 ¼	140	2,60
UPS 25/70-130	130	G 1 ½	140	2,65
UPS 25/60-180	180	G 1 ½	90	2,90
UPS 32/80-180	180	G 2	210	5,10

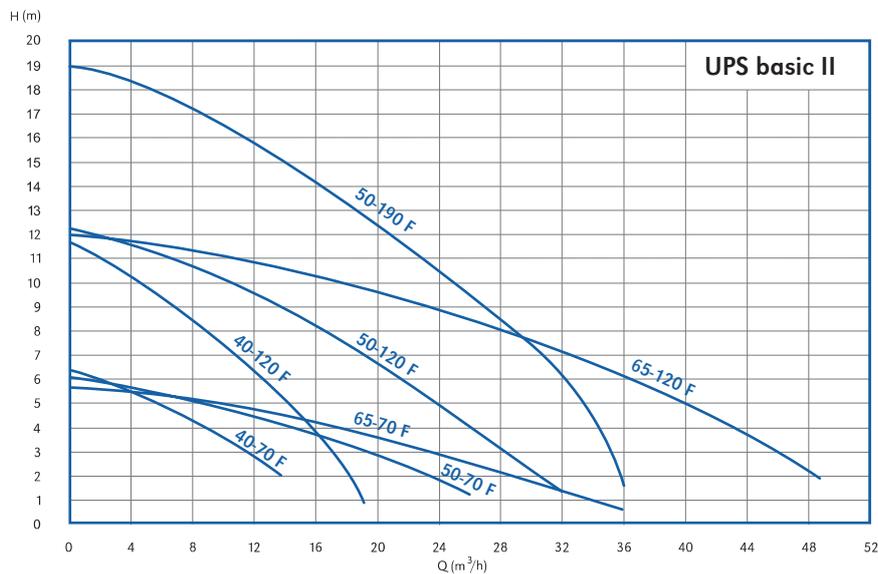
UPS basic II F – Flange pump for drinking and domestic water supply systems



3-speed pumps for sanitary water

Flanged, bronze hydraulic, standard voltage 400V (230V optional)

Performance range



UPS basic II - 3-speed flange pumps

Type	Port to port length [mm]	Flange type	Nominal pressure	Pmax [W]	Weight [kg]
UPS basic II 40-120 F250	250	DN40	PN6/10	573	20,50
UPS basic II 40-70 F250	250	DN40	PN6/10	317	20,30
UPS basic II 50-190 F280	280	DN50	PN6/10	1596	27,10
UPS basic II 50-120 F280	280	DN50	PN6/10	1085	26,60
UPS basic II 50-70 F280	280	DN50	PN6/10	465	27,30
UPS basic II 65-120 F340	340	DN65	PN6/10	1522	32,20
UPS basic II 65-70 F340	340	DN65	PN6/10	578	30,00

UPT PLUS COMFORT - THE HOME PRESSURE BOOSTER

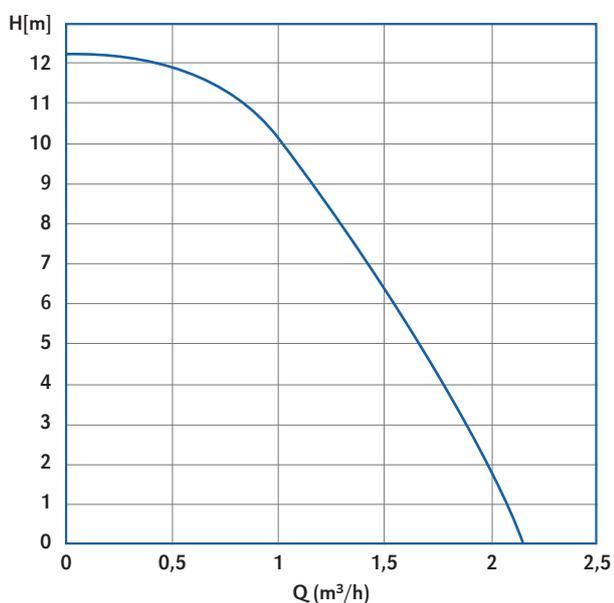


UPT PLUS COMFORT
15/120-130
979527308



UPT PLUS COMFORT INOX
15/120-130
979528160

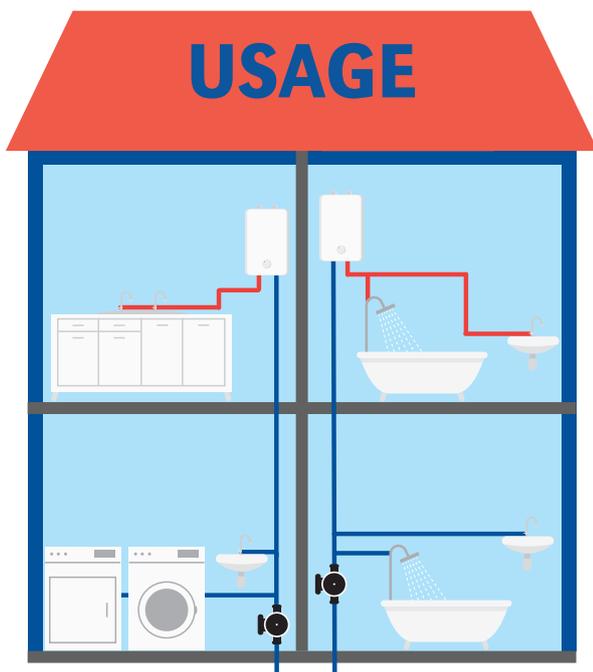
Performance range



Technical specification

Flow range, Q	up to 2,2 m3/h
Head range, H	up to 12,2 m
Diameter nominal, DN	15
Pipe thread, G	G 1
Installation	threaded
Insulation class	F
Degree of protection	IP 44
Voltage	1 - 230V, 50 Hz
Pmax [W]	100
Imax [A]	0,8
Ambient temperature	+5°C to +40°C
Medium temperature	+5°C to +95°C

USAGE



Advantages:

- Automatic pressure boosting to satisfy water needs
- Inverter motor for high efficiency and total control
- ON/OFF button
- Low energy consumption
- Silent functioning
- No presence of a mechanical flow switch (no noise and a lower possibility of faults)
- Ceramic shaft and bearings for a longer working life
- Optional adapter for 200mm fitting length



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