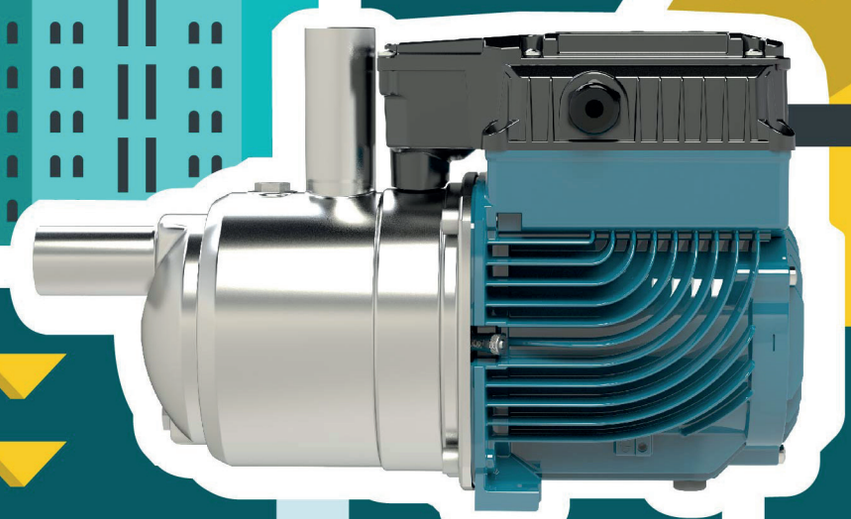
calpeda®



e-idos® products

mèta

think outside the box

SELECTION TABLE

	Pag.	MAX. NUMBER OF FLOORS ▼	Small flat with one bathroom 6
 Mèta Small-2	4	1 2 3	1 1 1
 Mèta-2	4	1 2 3 4	3 2 2 2
 BSM2V 2 Mèta Small-2	12	1 2 3 up to 5	3 3 2 1
 BSM2V 2 Mèta-2	12	1 2 3 4 5	6 5 4 3 2

TECHNICAL DATA

- OPERATIONAL RANGE
- TYPE OF LIQUID
- LIQUID TEMPERATURE RANGE
- FACTORY SET POINT
- MAX. AMBIENT TEMPERATURE
- MAX. OPERATING PRESSURE
- IP PROTECTION
- INSULATION CLASS

The table is valid as an indication.
For a proper sizing of the product it is necessary an assessment of the actual installation.

PRESSURE SYSTEM		IRRIGATION SYSTEM	
Medium flat with two bathrooms 10	Large house with two bathrooms and garden 15	SPRINKLER 4M RADIUS Flow 6 l/min Pressure: 2,4 bar	SPRINKLER 14M RADIUS Flow 20 l/min Pressure: 3,4 bar
Max. flat number		**Max. sprinkler number**	
1 1 1	1 0 0	8	/
2 2 1 1	1 1 1 1	16	4
3 2 2 1	2 1 1 1	16	4
10 10 9 8 7	3 3 2 2 1	/	7

Mèta Small-2	Mèta-2
flow up to 80 l/min; head up to 55m	flow up to 117 l/min; head up to 55m
clean water (no solids)	
from 0°C to +35°C	from 0°C to +35°C
3.5 Bar	3.5 Bar
+40°C	+40°C
8 bar (800kPa)	8 bar (800kPa)
IPX4	IPX4
F	F

e-idos® products

calpeda®

mèta

Plug and Play Solution

Energy Efficiency

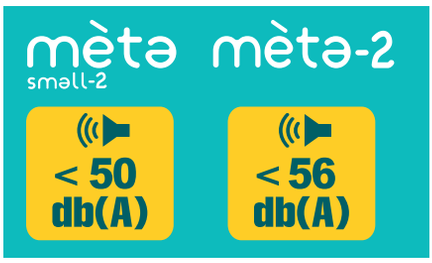
Compact Design

Fan less more fun

Self priming booster set
easy to install and **plug and play**

Equipped with a **built-in frequency converter**
a pressure sensor on the discharge side,
a built-in pressure vessel in the pump casing
and a non-return valve on the suction side

Mèta... small is equipped with an asynchronous motor without ventilation

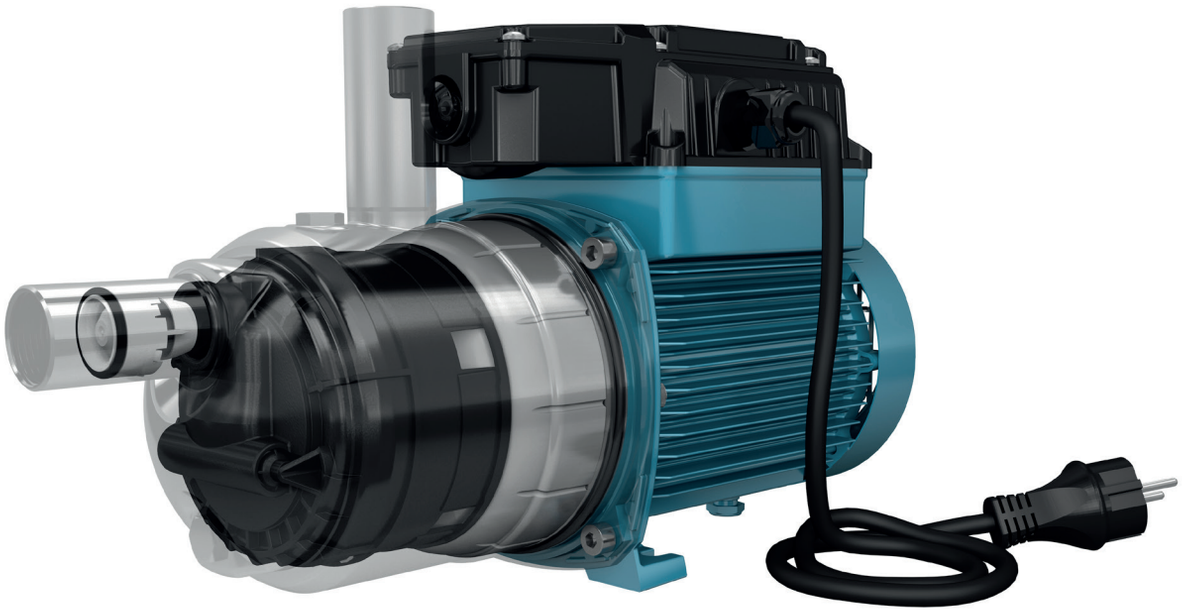


Energy Efficiency Index

Mèta small-2	Mèta-2
EEI 0.42	EEI 0.44

variable speed

Although these pumps are excluded from mandatory EEI requirements, the calculation was still carried out following the prEN 17038-3 standard.



Features

- fanless design
- built-in frequency converter
- built-in pressure vessel
- constant pressure
- high efficiency asynchronous motor
- motor power control
- no hydraulic losses due to measuring devices
- voltage and current control
- monitoring of the maximum starting current
- **built-in pressure sensor**

Energy saving

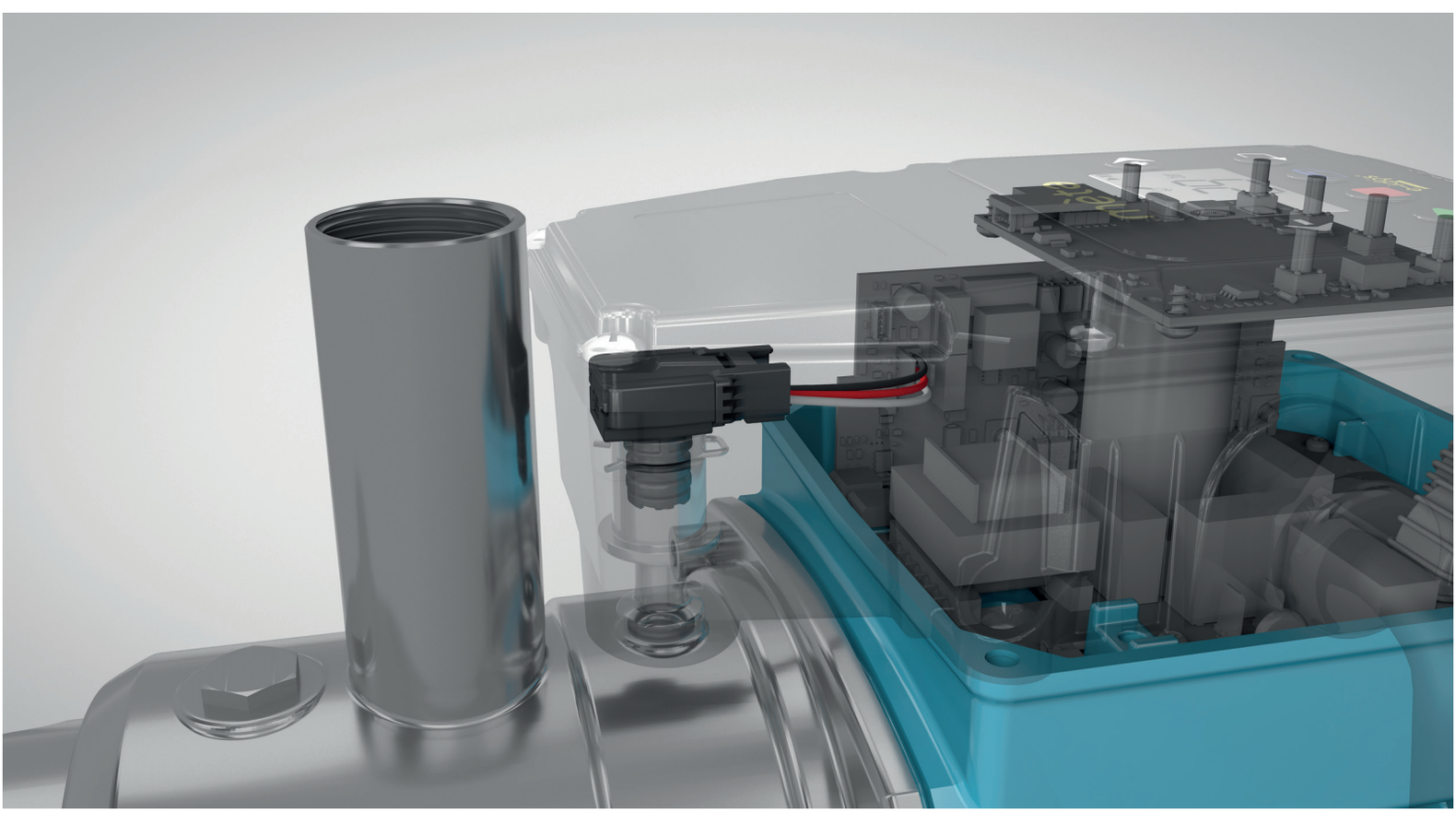
Mèta small-2
900kWh year

Mèta-2
1300kWh year

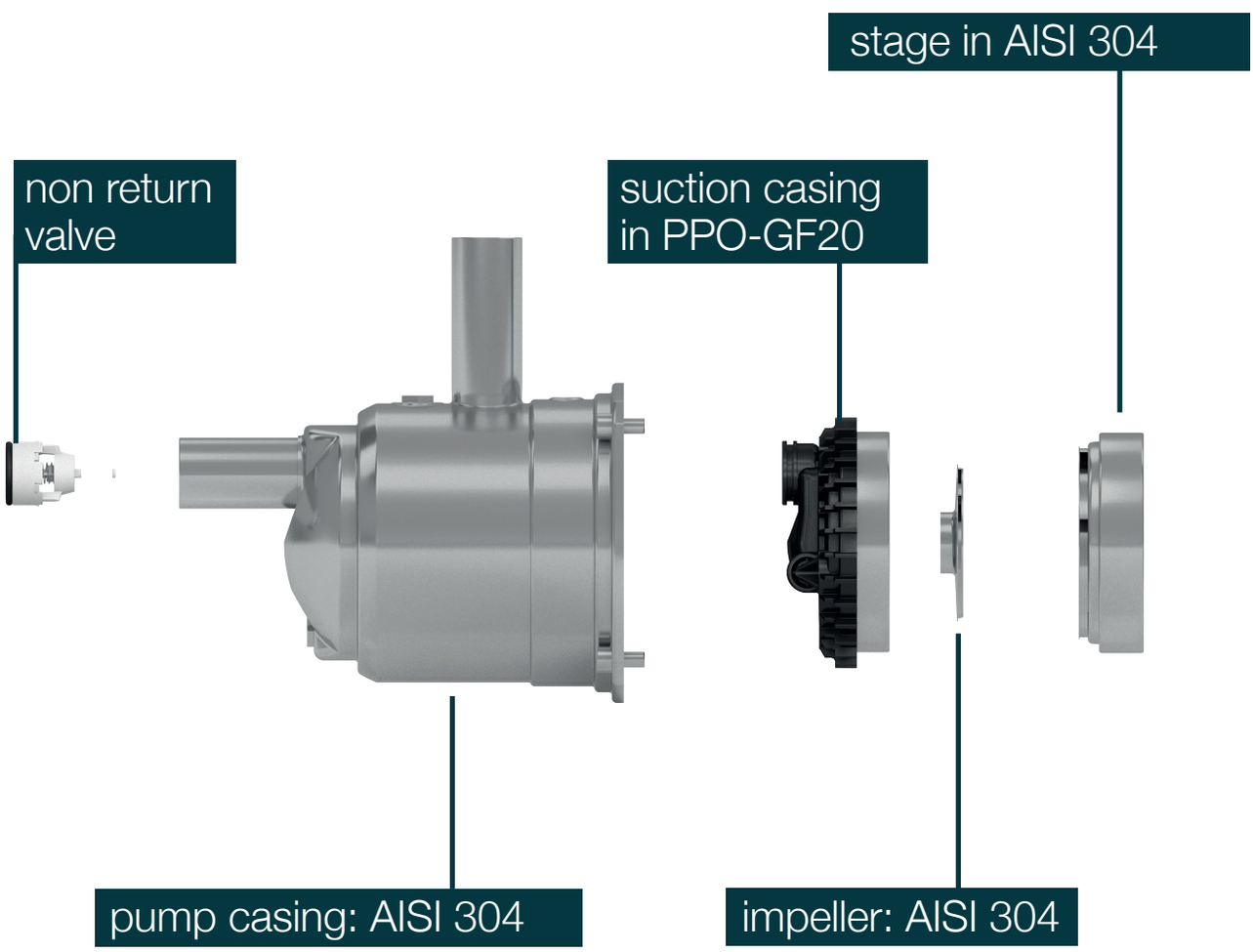
Up to 900/1300kWh per year of energy saved compared to a traditional pump*
*with domestic use 5 hours per day

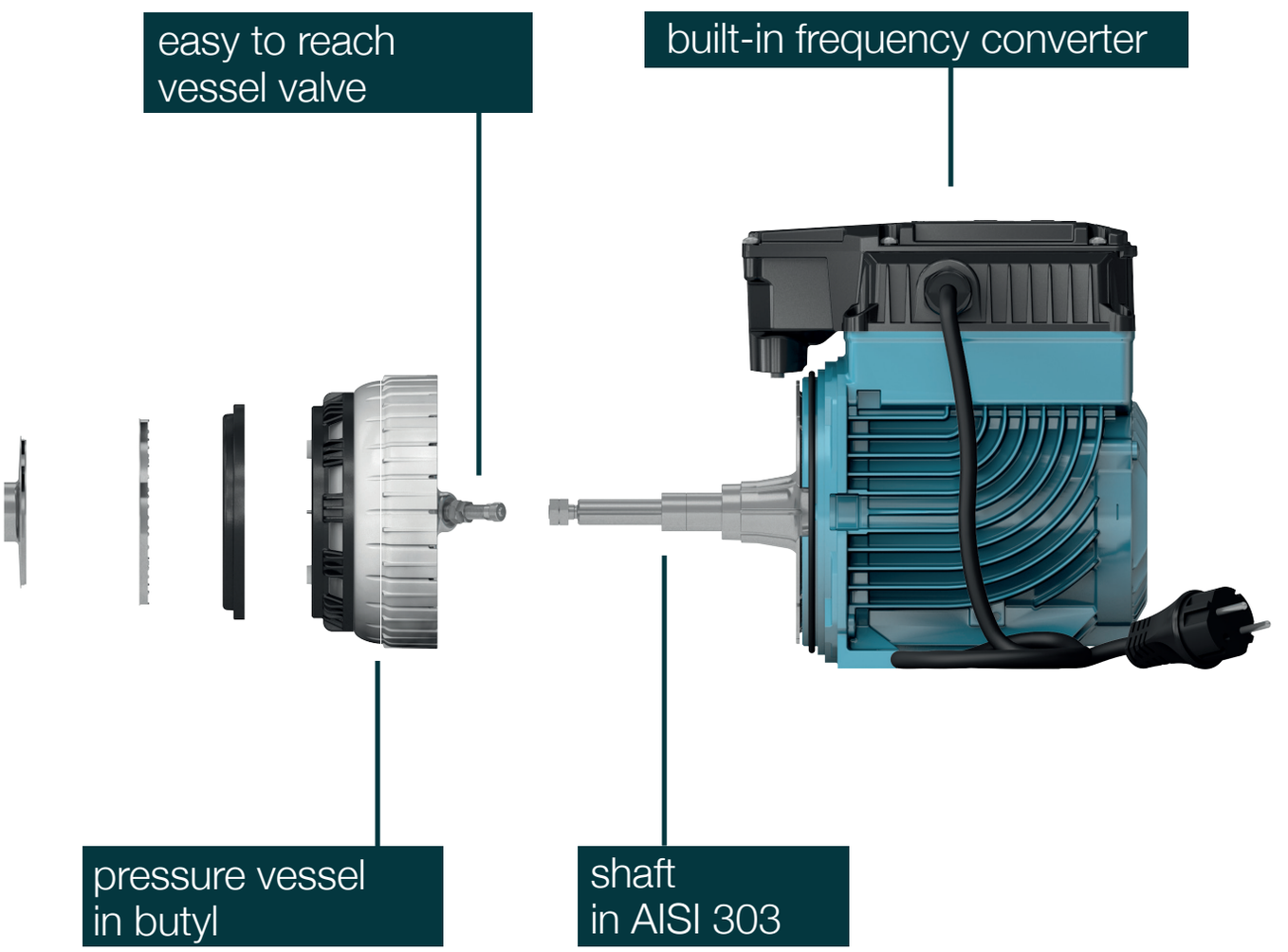
Protections

- dry-run protection
- detects the presence of air in the pump casing
- overload control and overheating motor control
- pump blockage
- overcurrent protection
- power supply control
- small leakages detect
- flow rate control

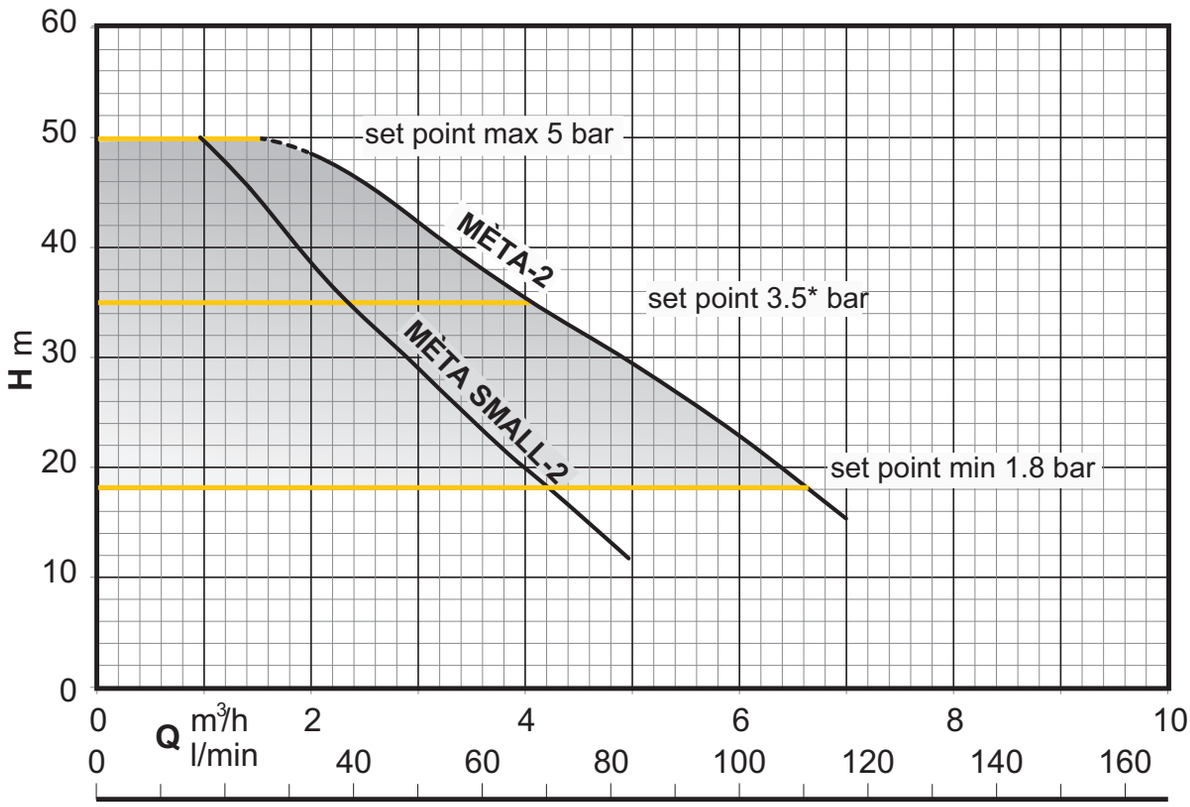


easy to inspect and maintain



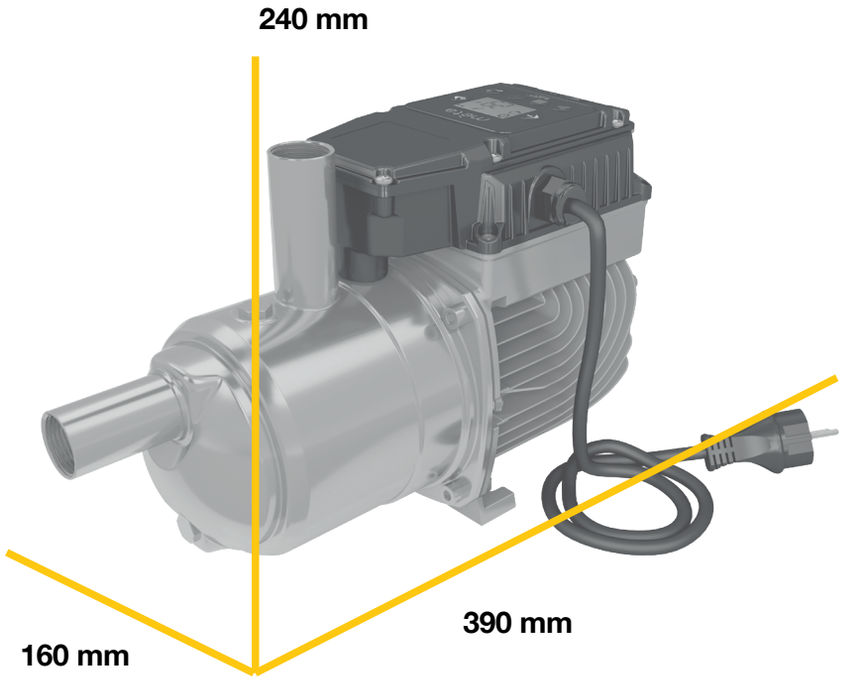

easy to reach
vessel valve
built-in frequency converter
pressure vessel
in butyl
shaft
in AISI 303

protections and dimensions



* Factory settings

the most compact



calpeda flow

Calpeda flow is a user-friendly app designed for the monitoring and full control of Meta.

Calpeda Flow empowers installers and pump users with:

Enhanced Control

Monitor and understand your pump's performance in real-time.

Increased Efficiency

Optimize energy consumption and identify potential inefficiencies.

Reduced downtime

Proactively address issues with detailed alerts and historical data.

Simplified Maintenance

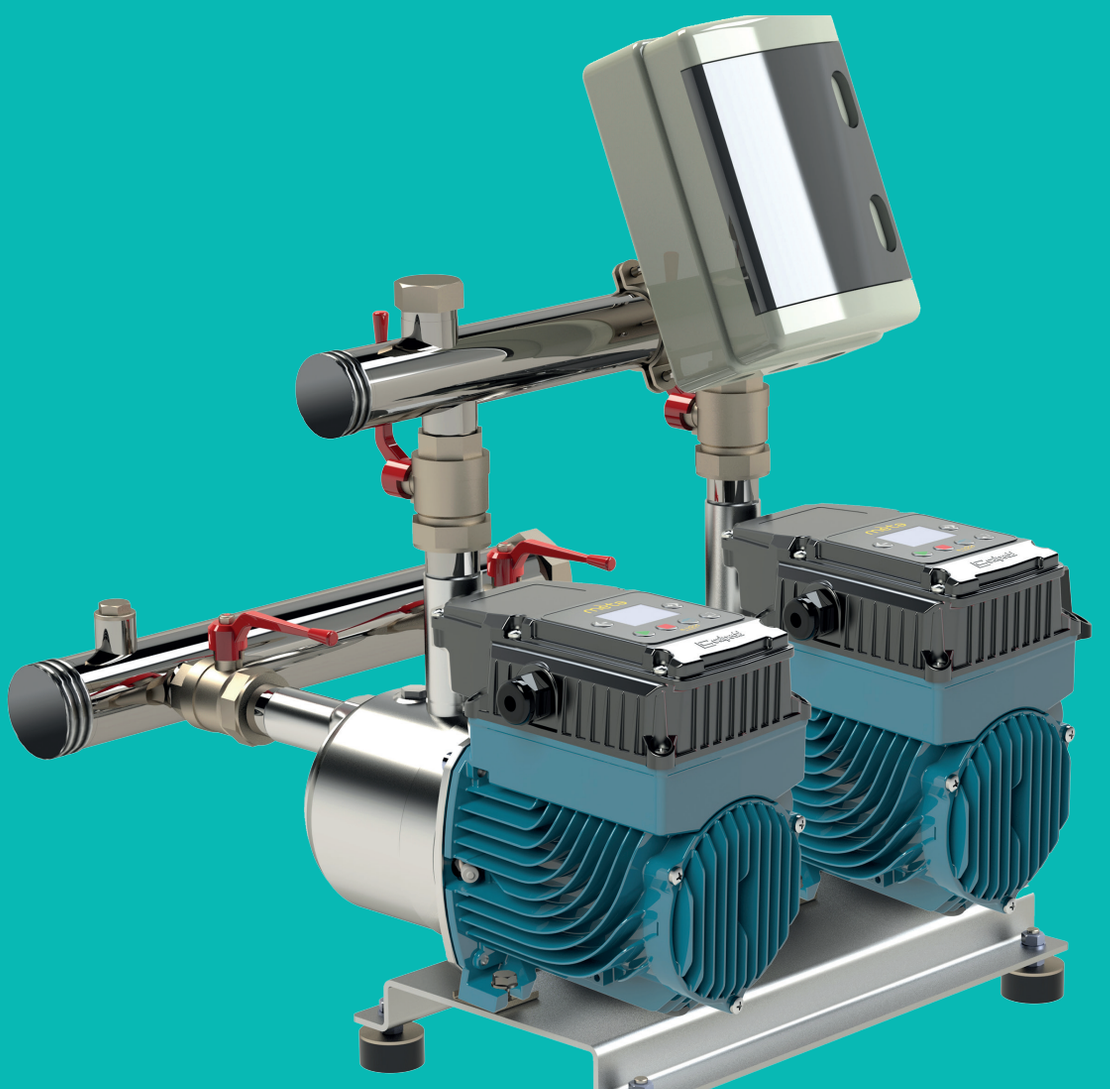
Facilitate faster troubleshooting and communication with service teams.

Remote Accessibility

Monitor your pumps from anywhere, anytime.

e-idos® products

calpeda®



Plug and Play Solution

Energy Efficiency

Compact Design

twice outside the box

2 pumps mèta booster set

Thanks to a **patented software** the booster set guarantees the changeover of the 2 pumps without any connections

Energy Efficiency Index

Mèta small-2	Mèta-2
EEI 0.42	**EEI 0.44**

variable speed

Features

- compact construction
- pumps changeover
- constant pressure
- high efficiency asynchronous motor
- motor power control
- no hydraulic losses due to measuring devices
- voltage and current control
- monitoring of the maximum starting current
- **built-in pressure sensor**

Energy saving

Mèta small-2
900kWh year

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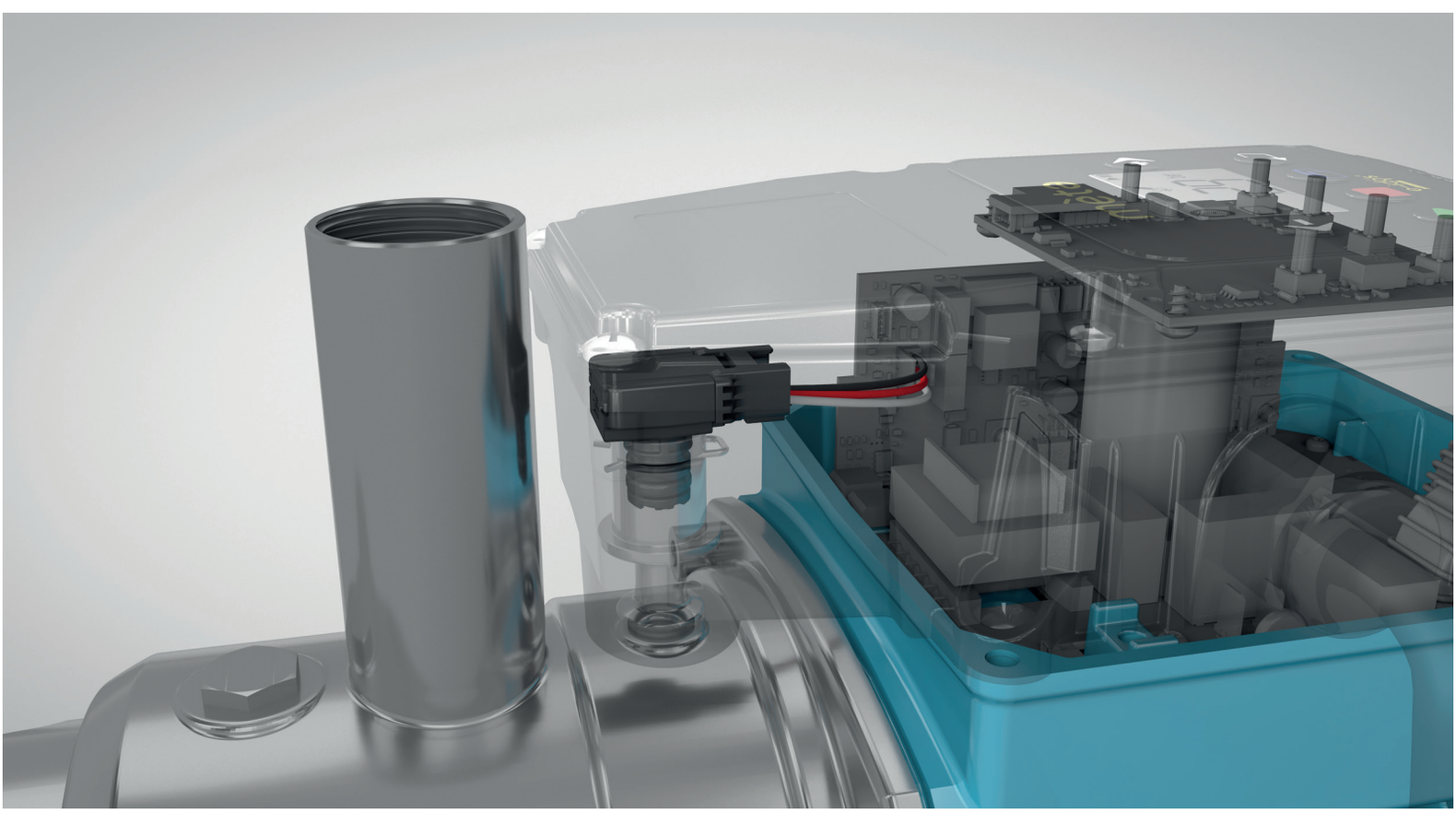
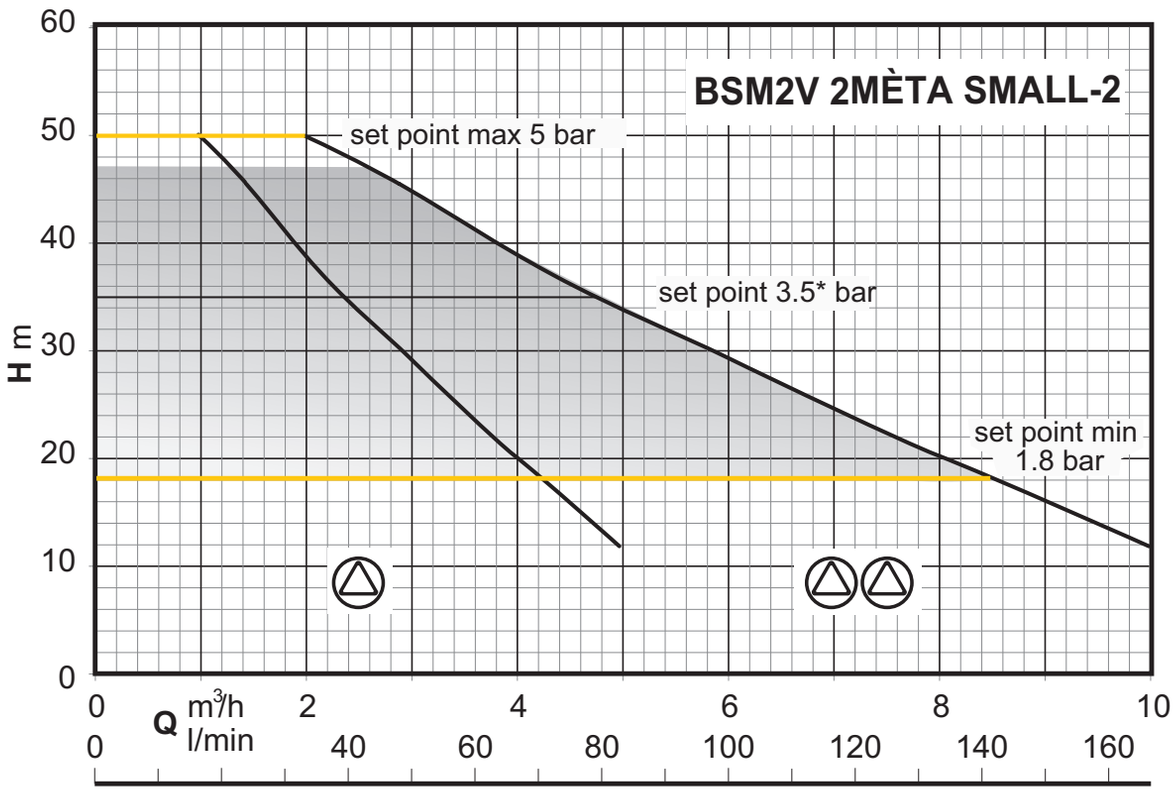
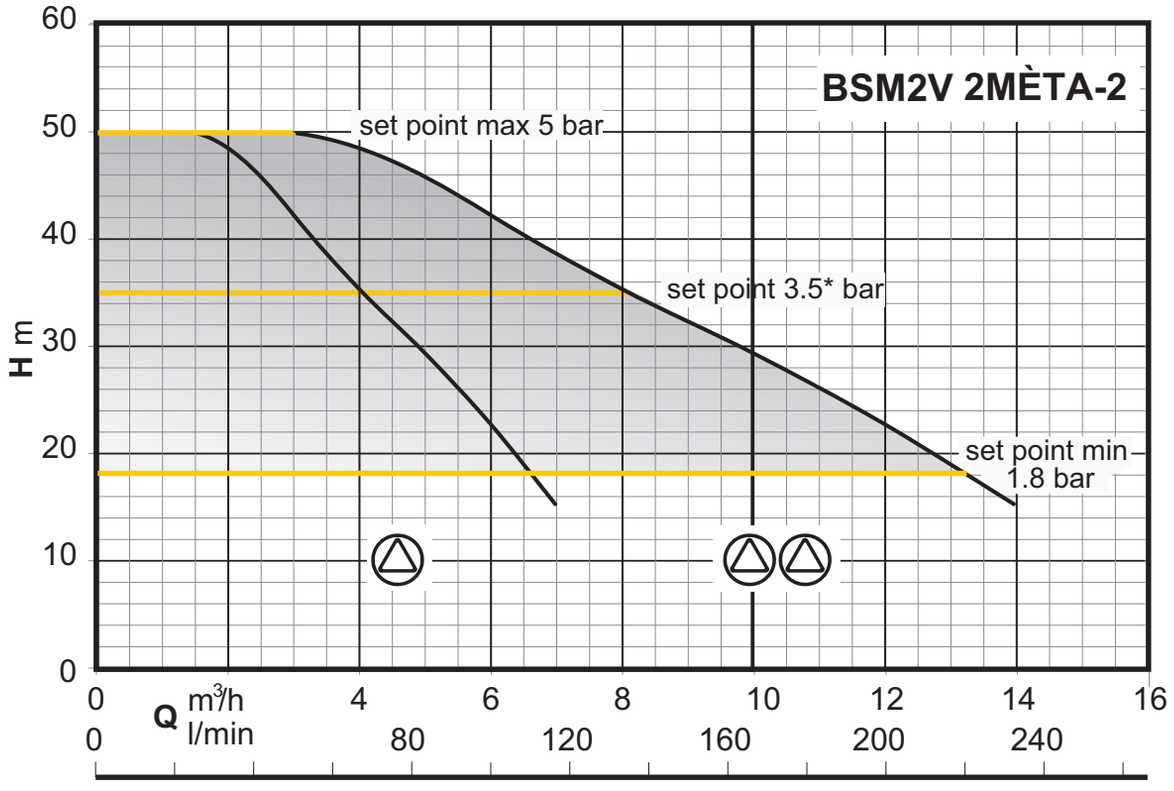


performance

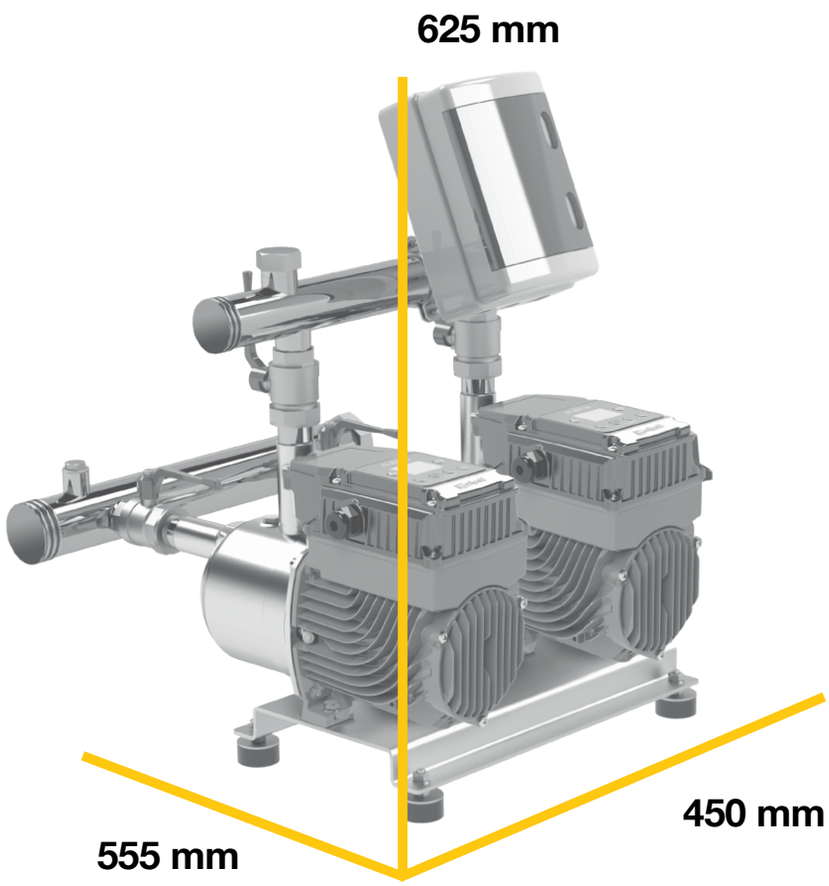




* Factory settings

dimensions

2 mèta... booster set



interface

Pump start

Pump stop

Access to product programming parameters

Access to product programming parameters
Errors reset
Confirm the indicated values

Decrease the displayed parameters

Increase the displayed parameters

SIMPLE AND INTUITIVE

it allows to visualize:

- initial screen (rUn, OFF, Stb, Err)
- delivery pressure
- voltage supply
- electrical power input supply
- operating motor frequency
- current consumption control

water passion

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