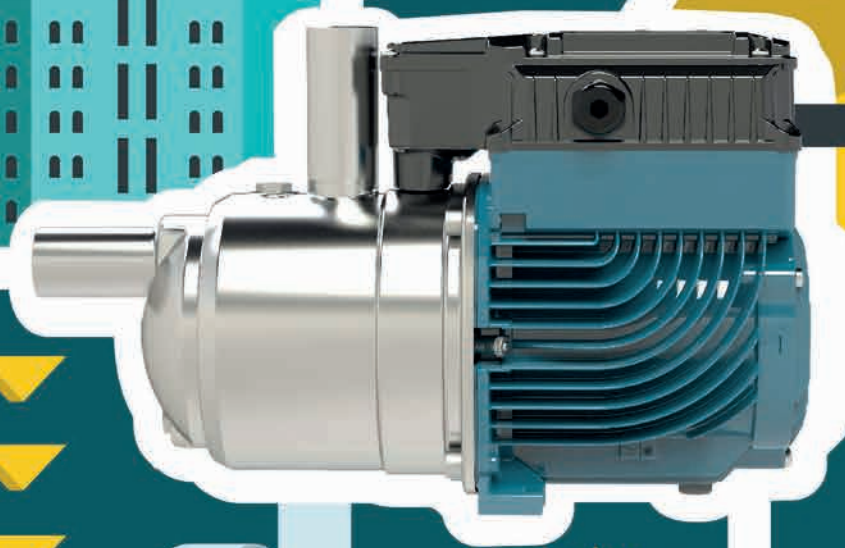


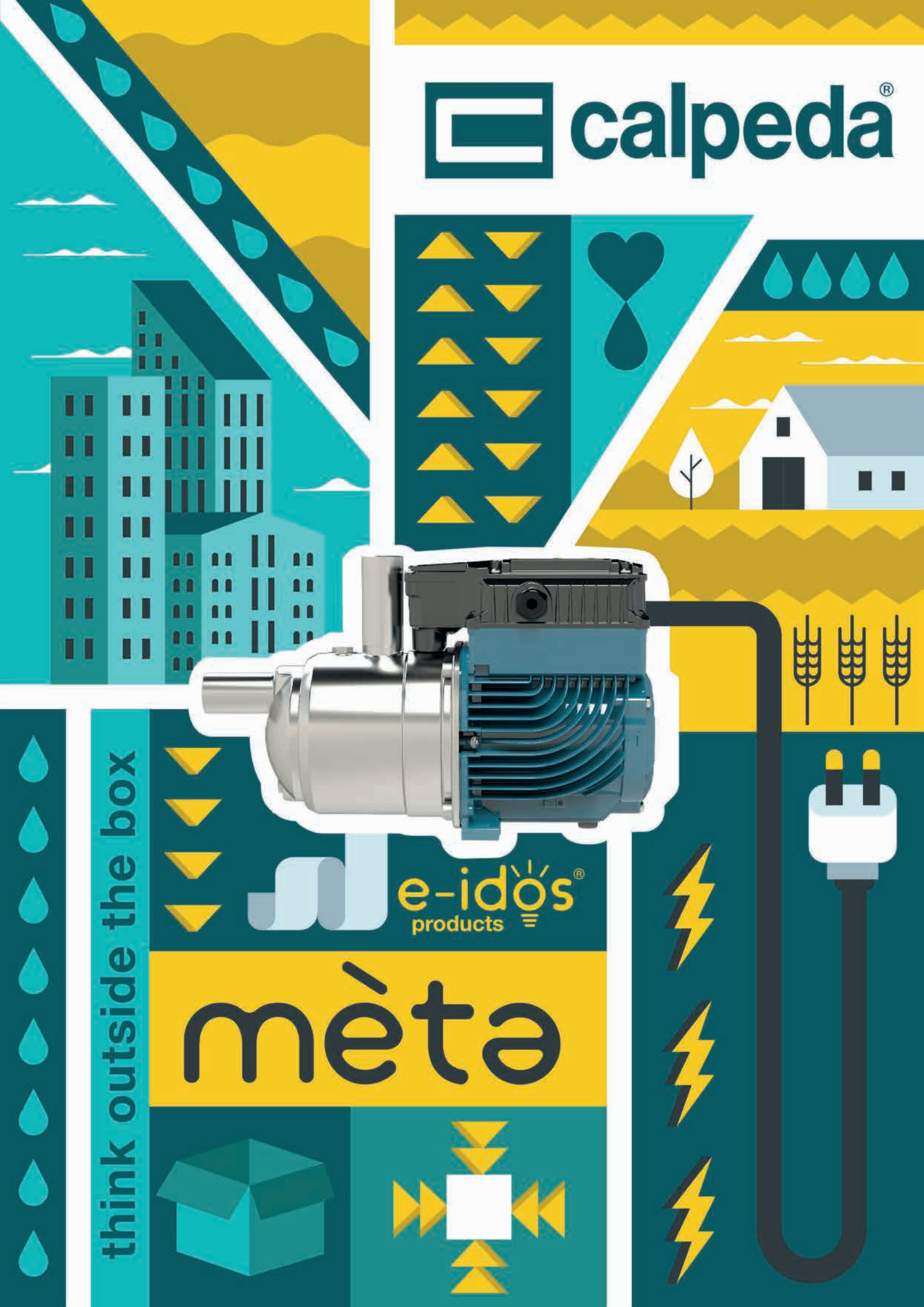
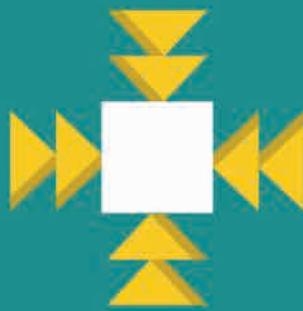
 calpeda®







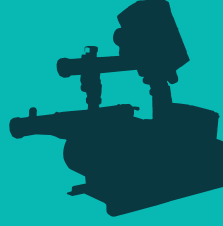
think outside the box

 e-idos®
products

méta



SELECTION TABLE

		Pag.	MAX. NUMBER OF FLOORS ▼	Small flat with one bathroom 6 
	Mèta Small	4	1 2 3	2 2 2
	BSM2V 2 Mèta Small	12	1 2 3 up to 6	9 8 7 6
	Mèta	18	1 2 3 up to 6	9 8 7 6
	BSM2V 2 Mèta	26	1 up to 3 4 5 6 up to 8	16 16 15 14 12 11

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.

DOMESTIC / CIVIL PRESSURE SYSTEM

IRRIGATION SYSTEM

Medium flat
with two bathrooms

Large house
with two bathrooms
and garden

10 

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

2

1

2

1

1

1

5

4

5

4

5

4

3

/

5

4

5

4

5

4

3

/

10

6

10

6

9

5

8

5

7

5

6

/

8

/

16

4

16

4

/

7

Mèta Small

Mèta

flow up to 80 l/min; head up to 55m

flow up to 140 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

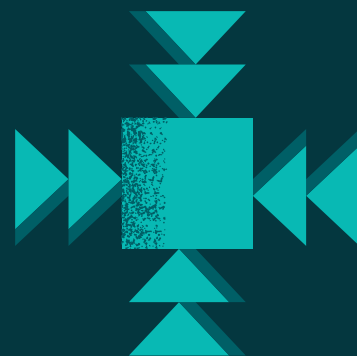
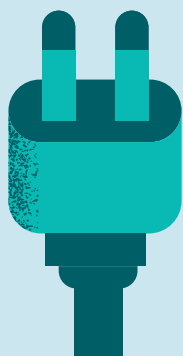
IPX4

F

F

mèta

small



**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

EEI 0.42

variable speed

application



**domestic
booster set**

**irrigation
system**



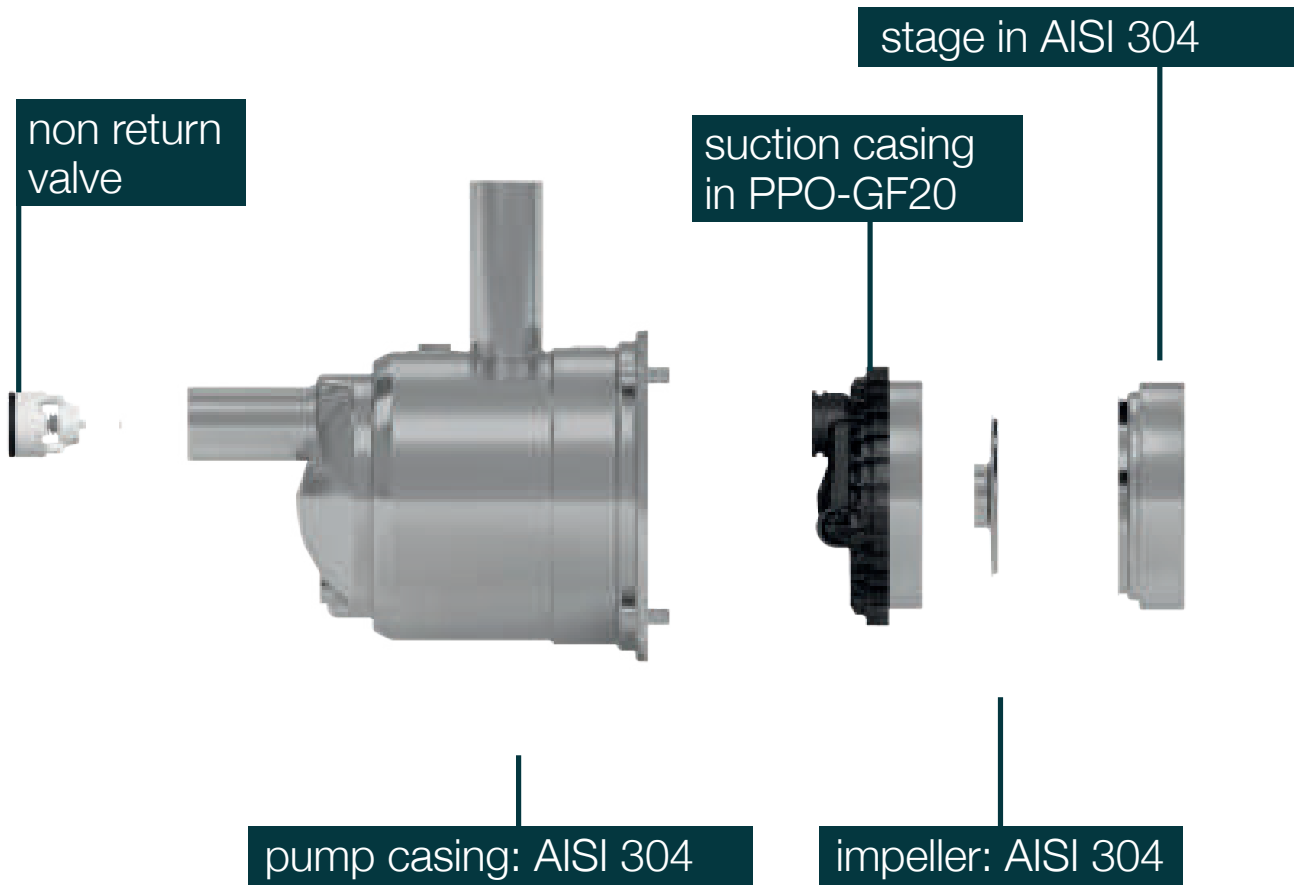
**residential
booster set**



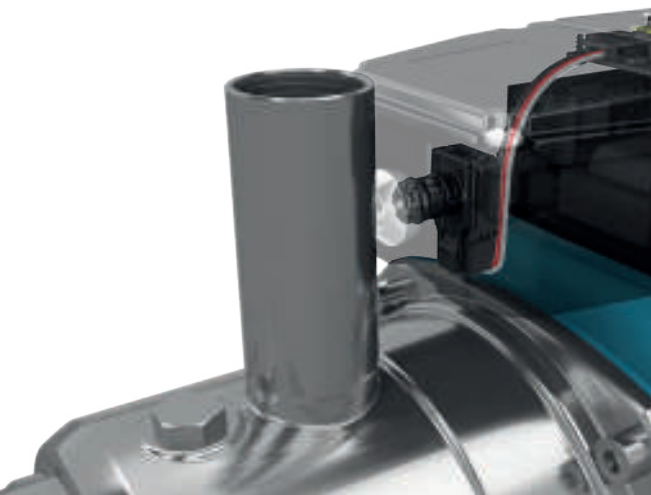
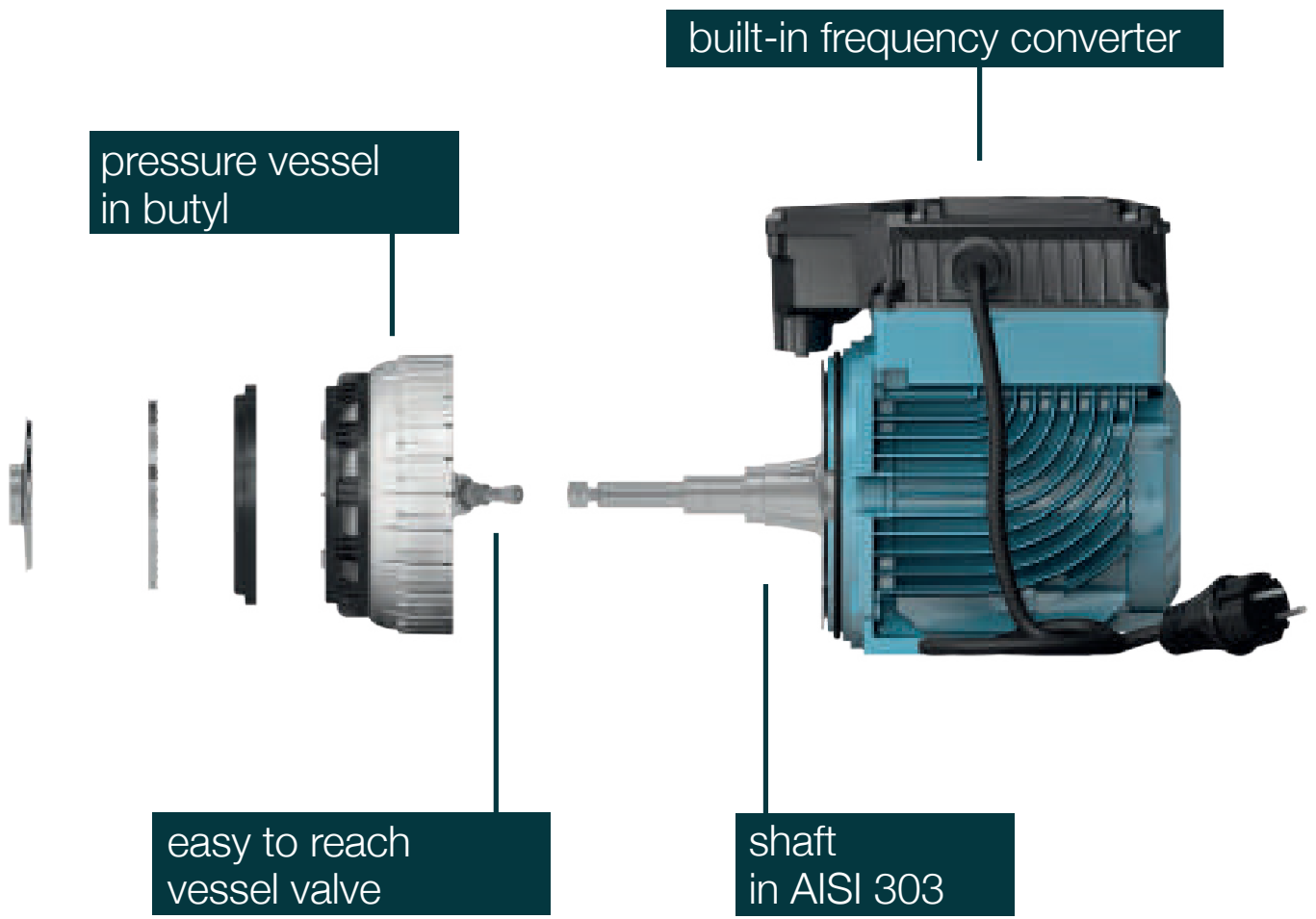
features

- 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

easy to inspect and maintain



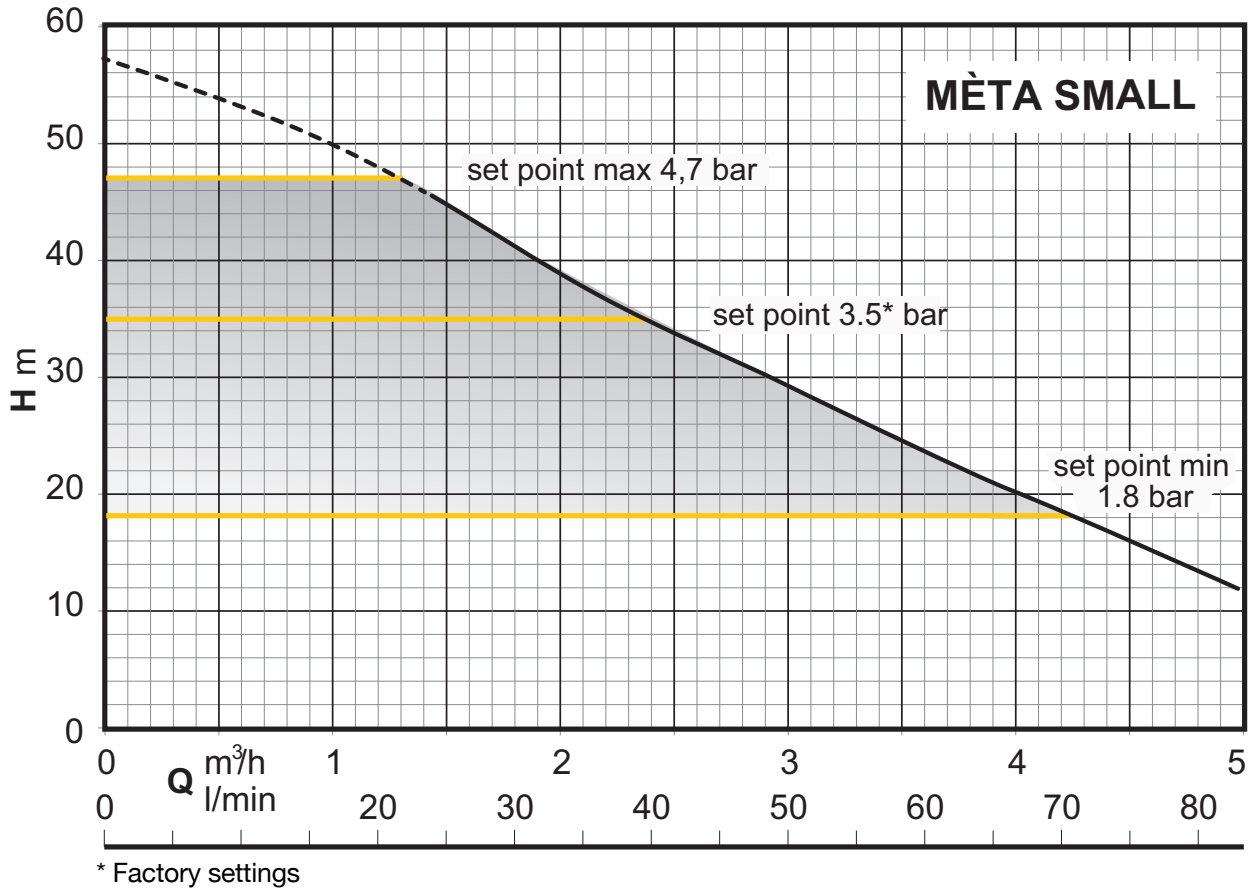
non return valve on the suction side



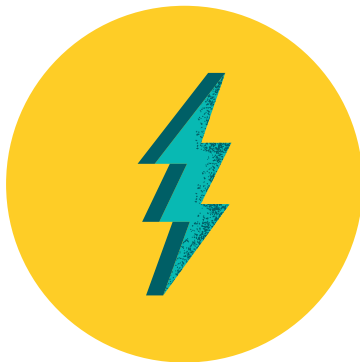
built-in frequency converter

- constant pressure
- variable speed
- energy efficiency

protections



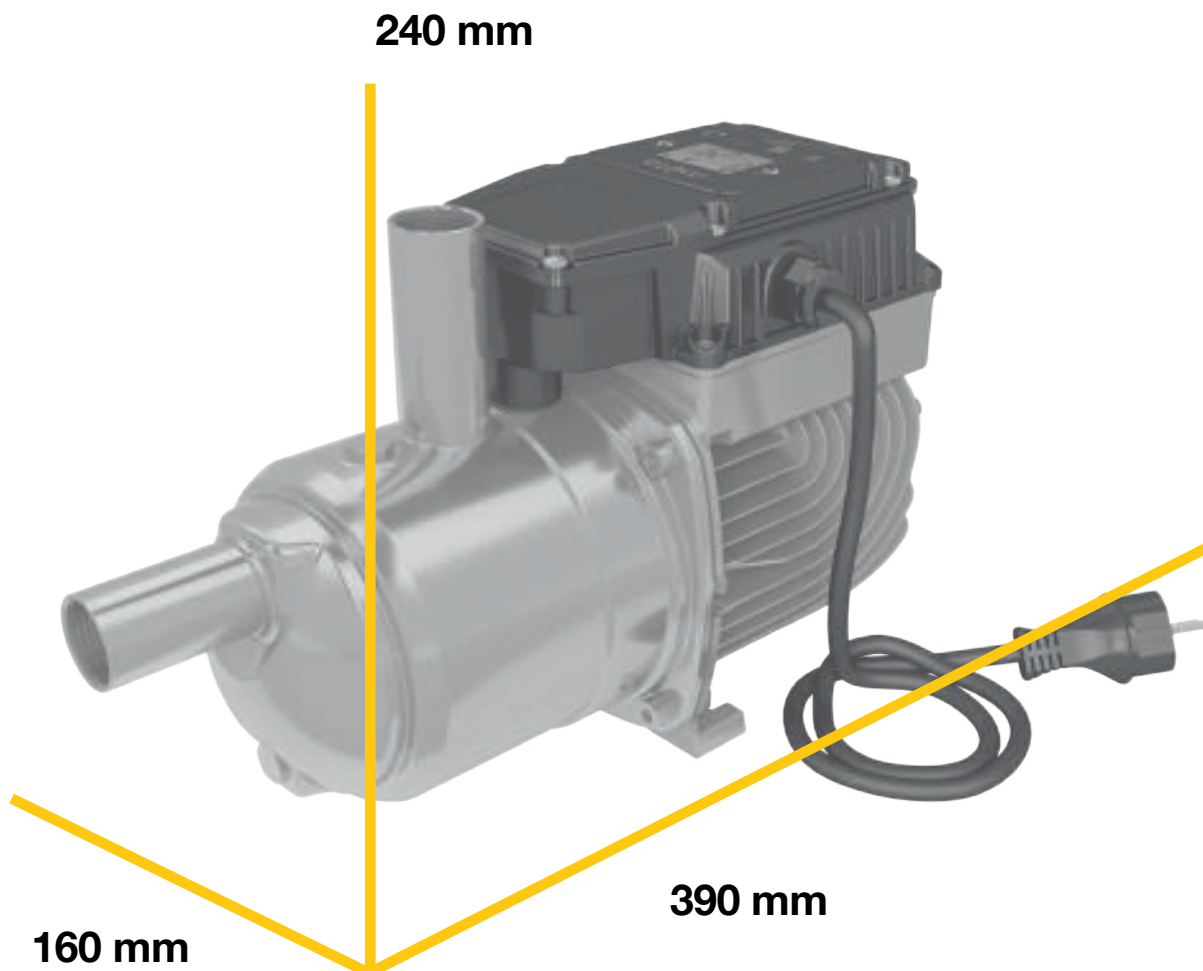
Energy saving



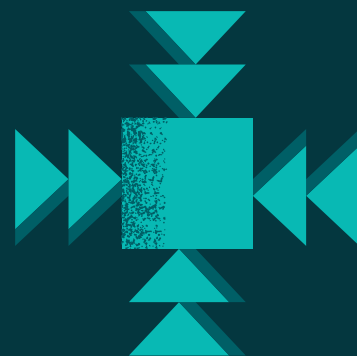
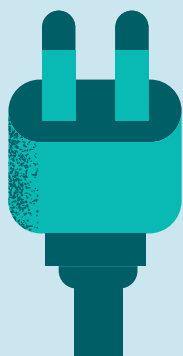
450Wh

**Up to 450Wh
compared to a traditional solution**

dimensions



the most compact



**Plug and Play
Solution**

**Energy
Efficiency**

**Compact
Design**



twice outside the box

2 pumps meta booster set

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

Energy Efficiency Index

EEI 0.34

variable speed

application



**domestic
booster set**

**irrigation
system**



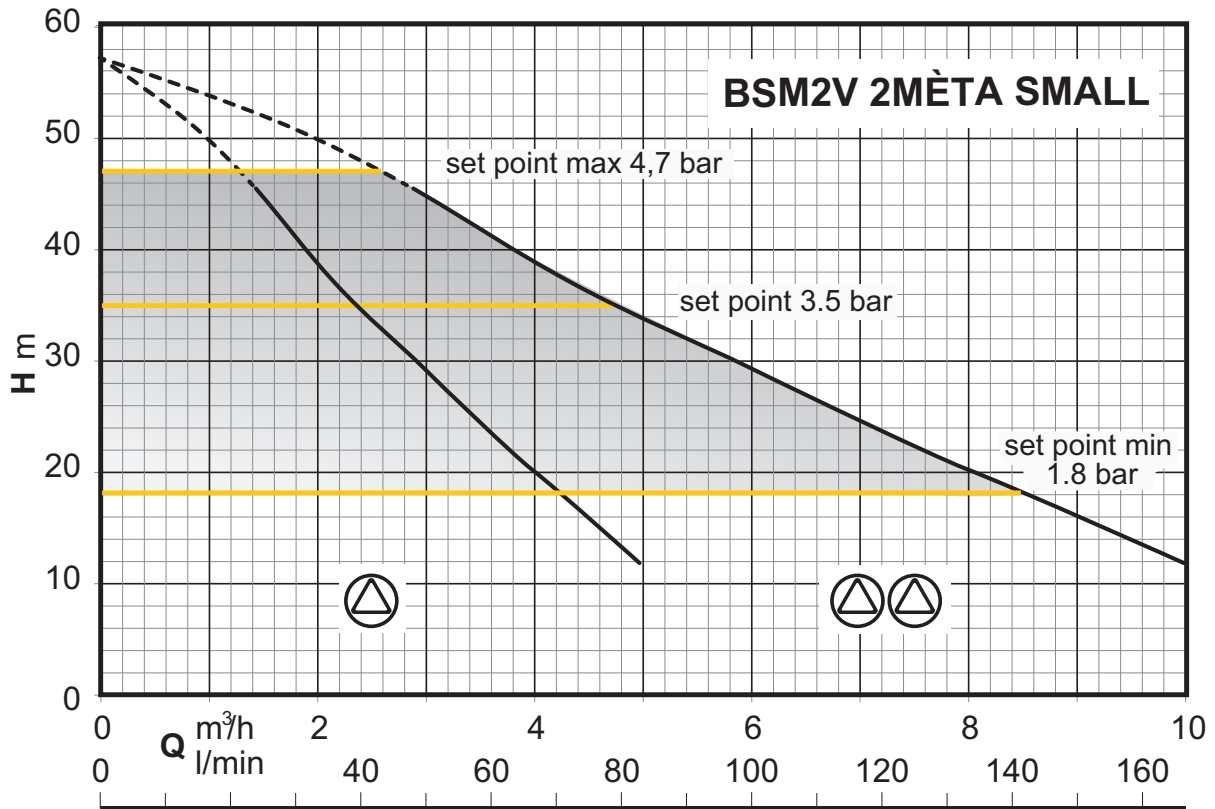
**residential
booster set**



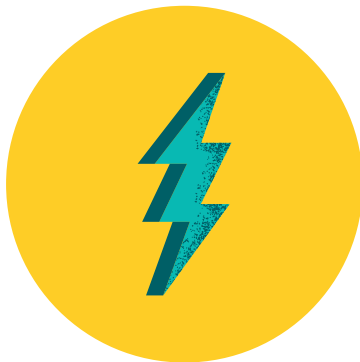
features

- 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

performance



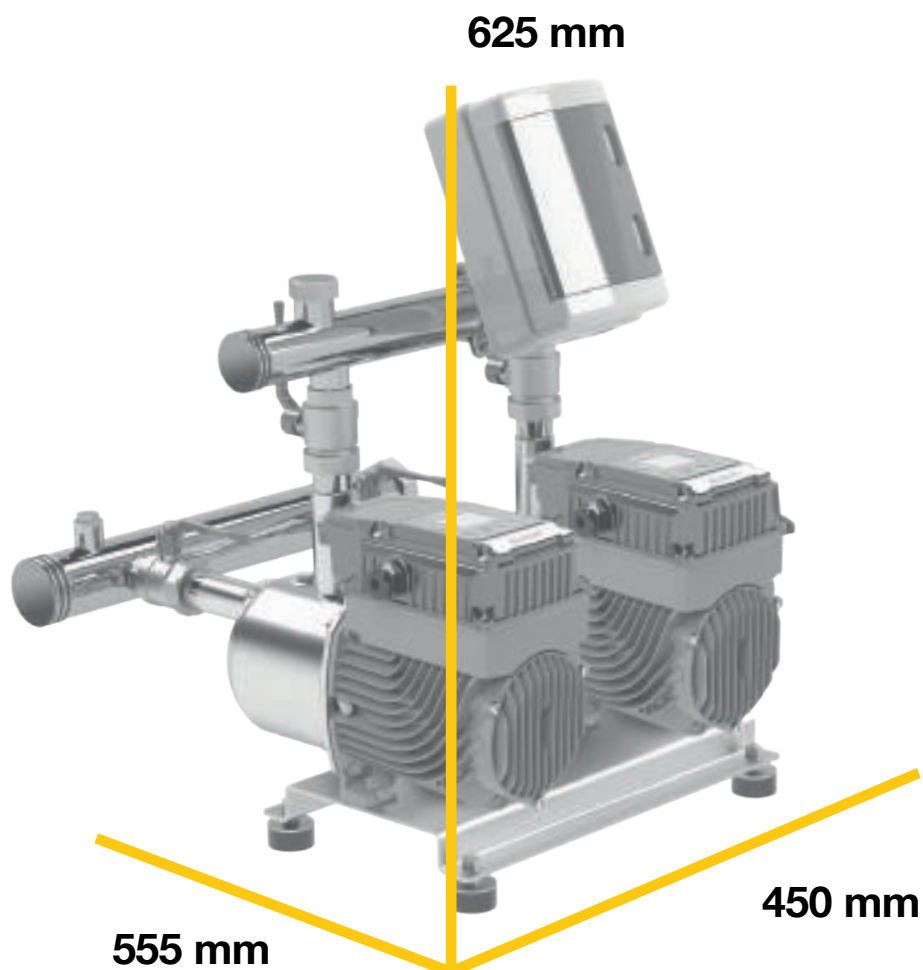
Energy saving



520Wh

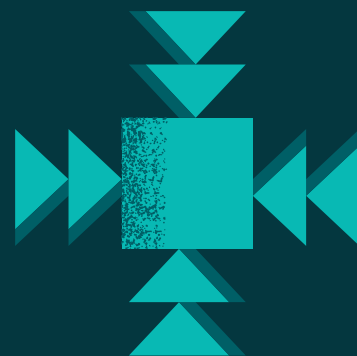
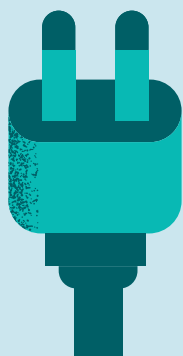
**Up to 520Wh
compared to a traditional solution**

dimensions



**2 mèta small
booster set**

méta



**Plug and Play
Solution**

**Energy
Efficiency**

**Compact
Design**



think outside the box

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

Energy Efficiency Index

EEI 0.55

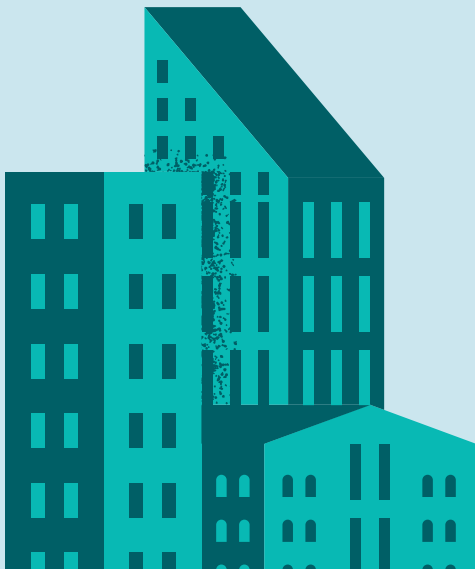
variable speed

application

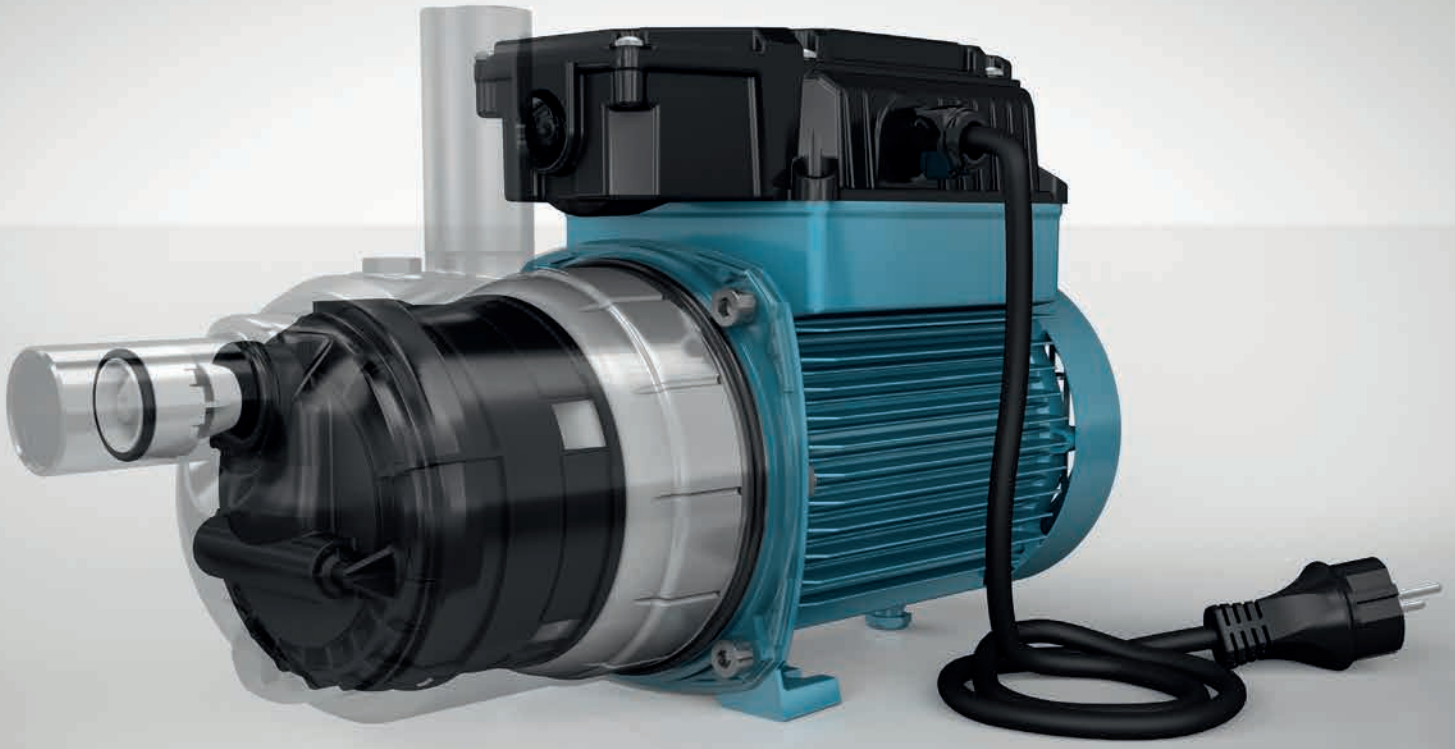


**domestic
booster set**

**irrigation
system**



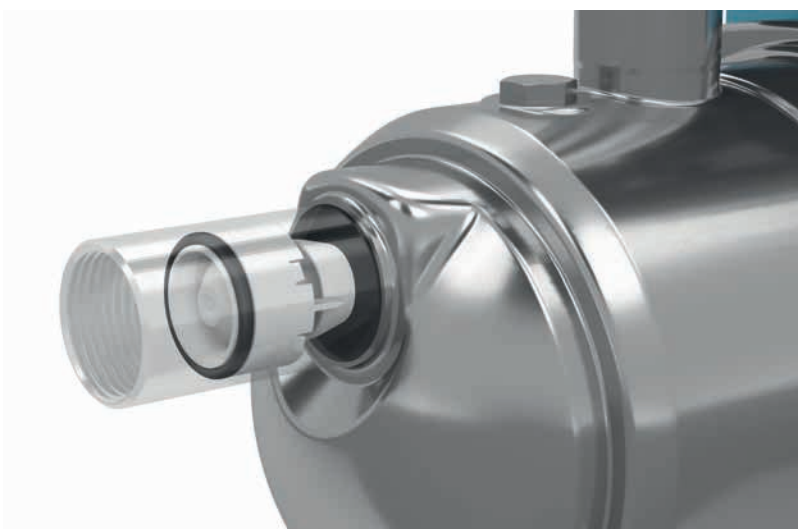
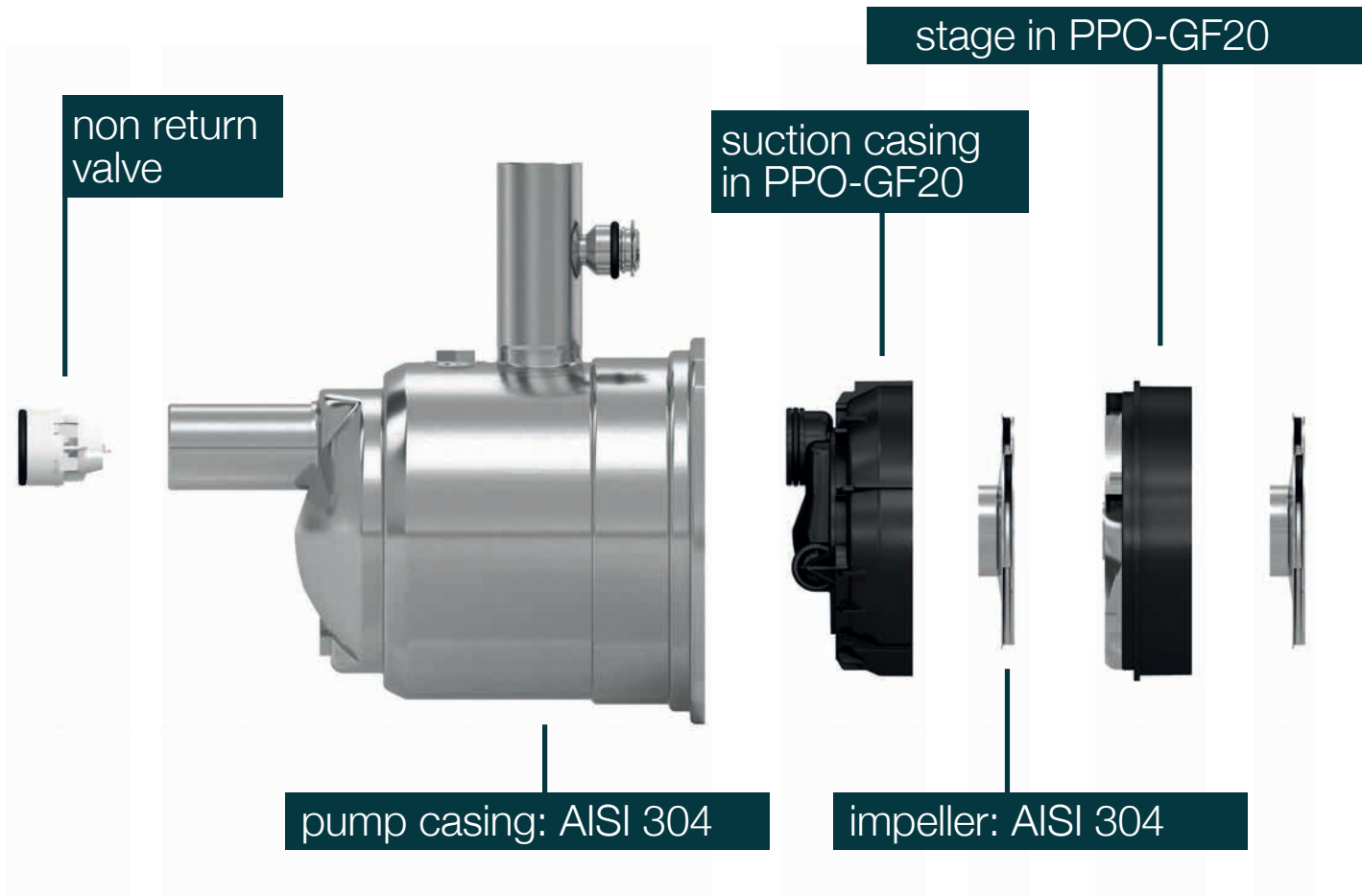
**residential
booster set**



features

- 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

easy to inspect and maintain



**non return
valve on the
suction side**

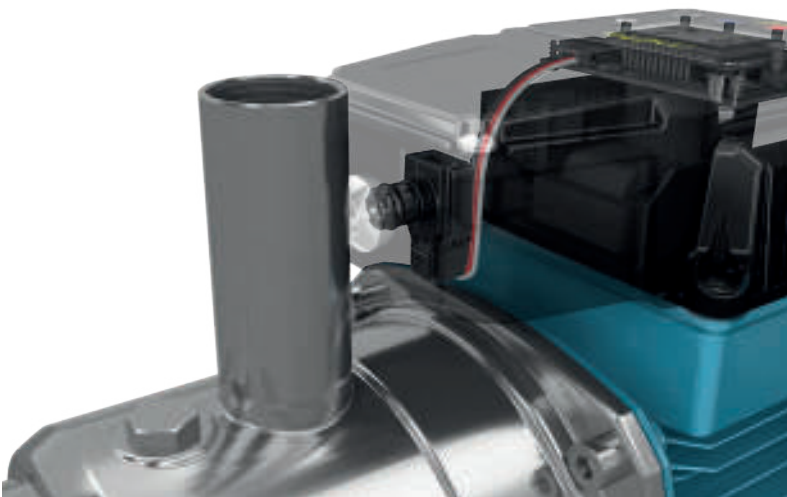
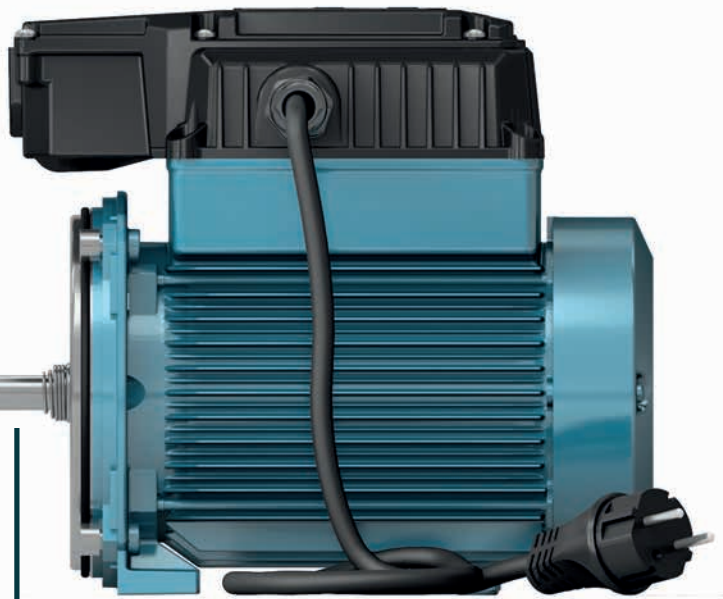


built-in frequency converter

pressure vessel
in butyl

easy to reach
vessel valve

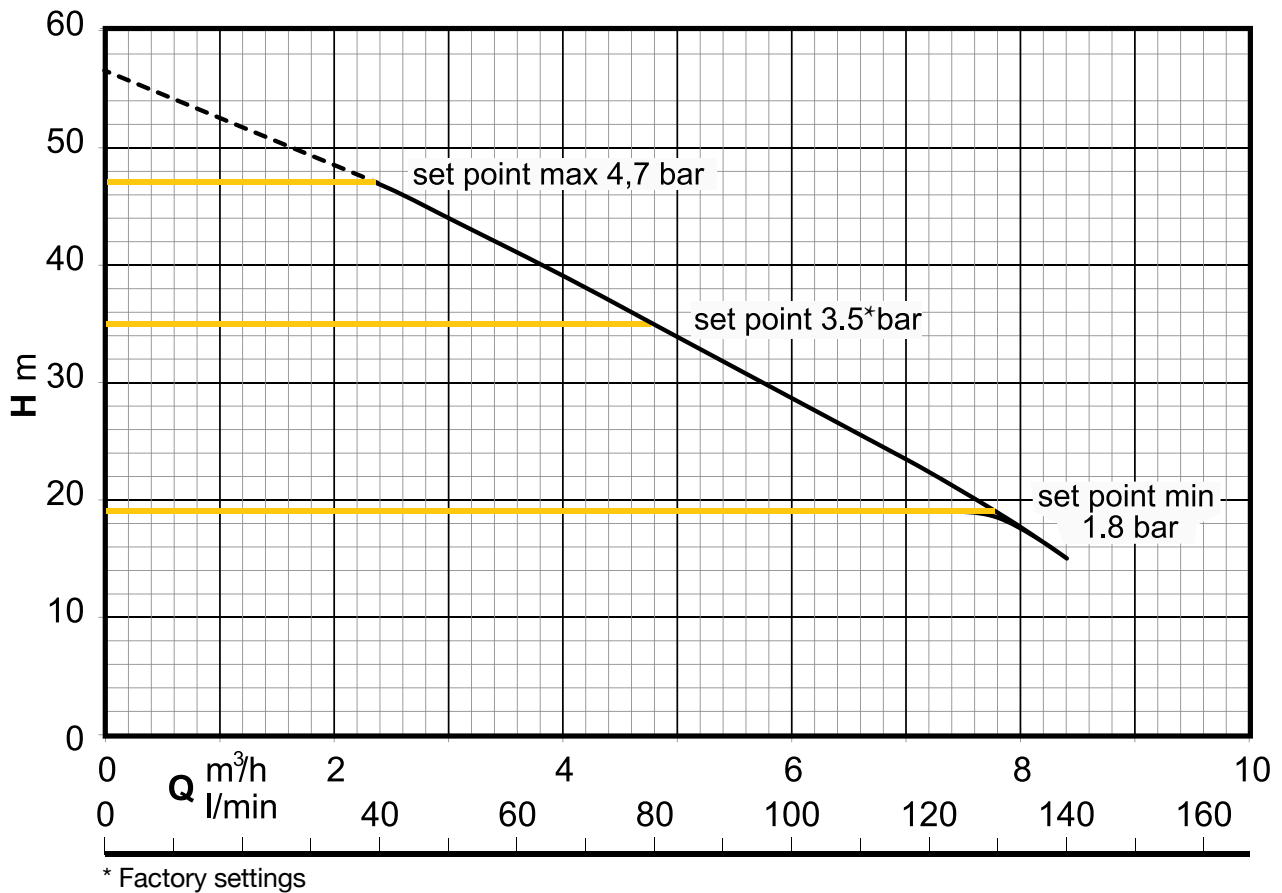
shaft
in AISI 303



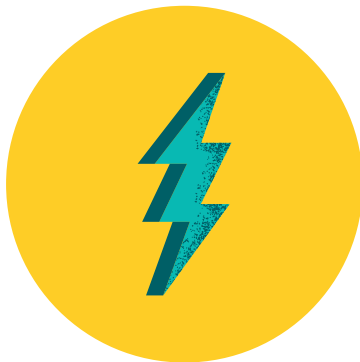
built-in frequency converter

- constant pressure
- variable speed
- energy efficiency

performance



Energy saving

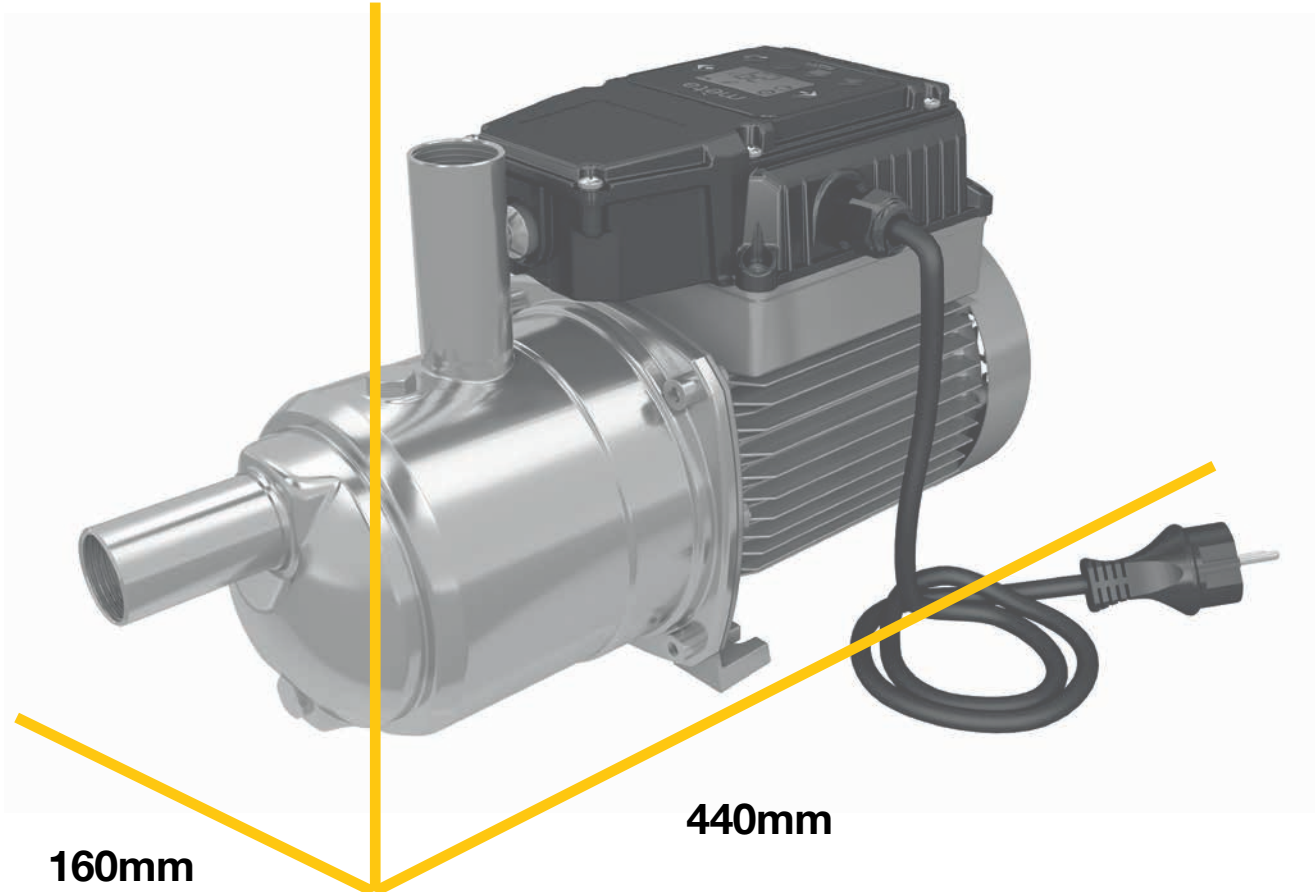


300Wh

**Up to 300Wh
compared to a traditional solution**

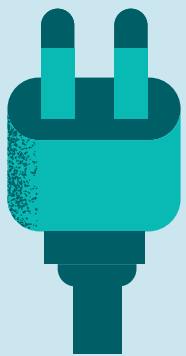
dimensions

240mm



160mm

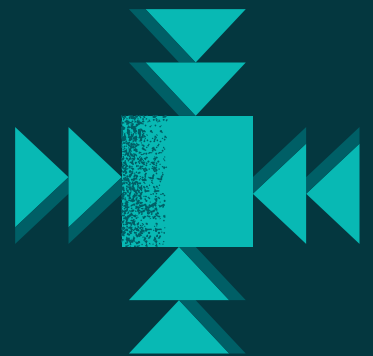
440mm



**Plug and Play
Solution**



**Energy
Efficiency**



**Compact
Design**



twice outside the box

2 pumps meta booster set

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

Energy Efficiency Index

EEI 0.46

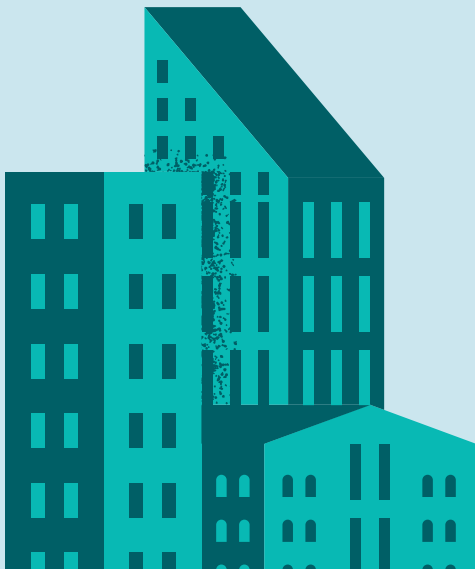
variable speed

application



**domestic
booster set**

**irrigation
system**



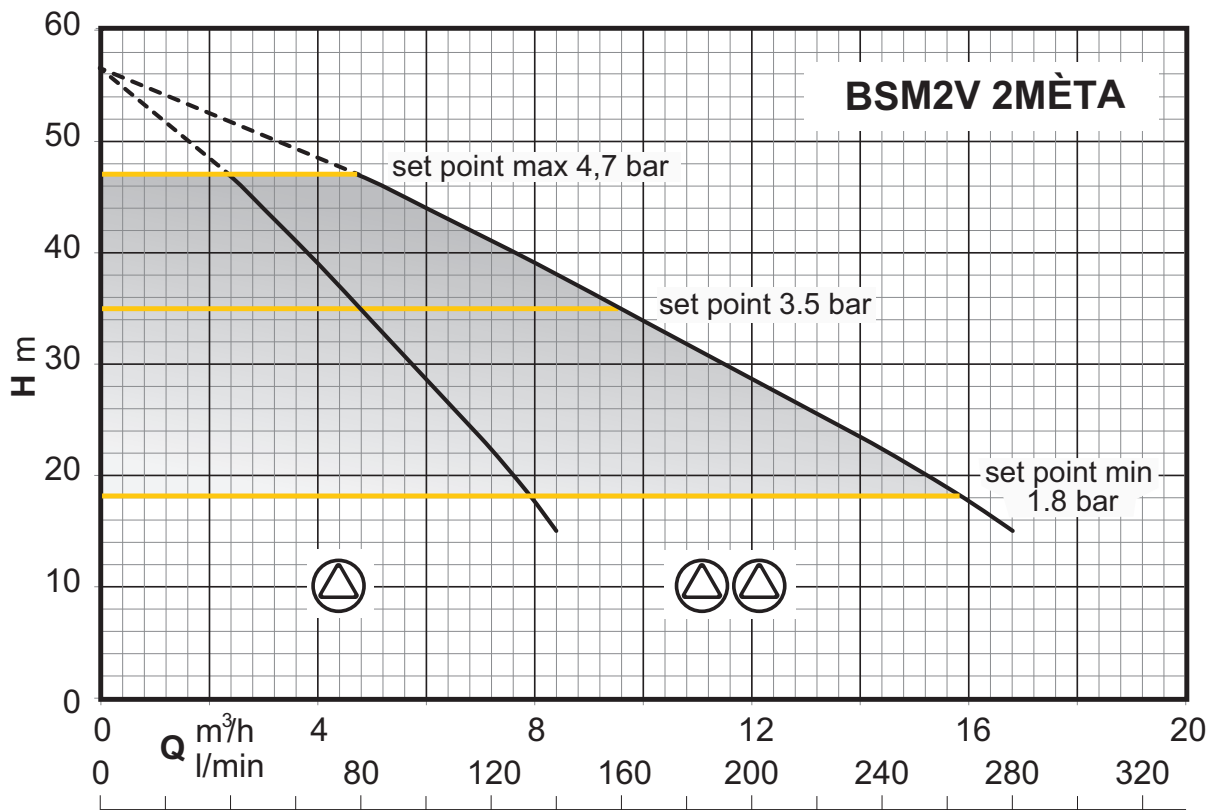
**residential
booster set**



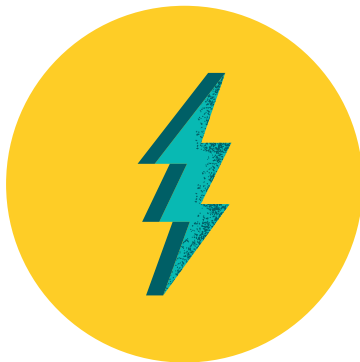
features

- 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

performance



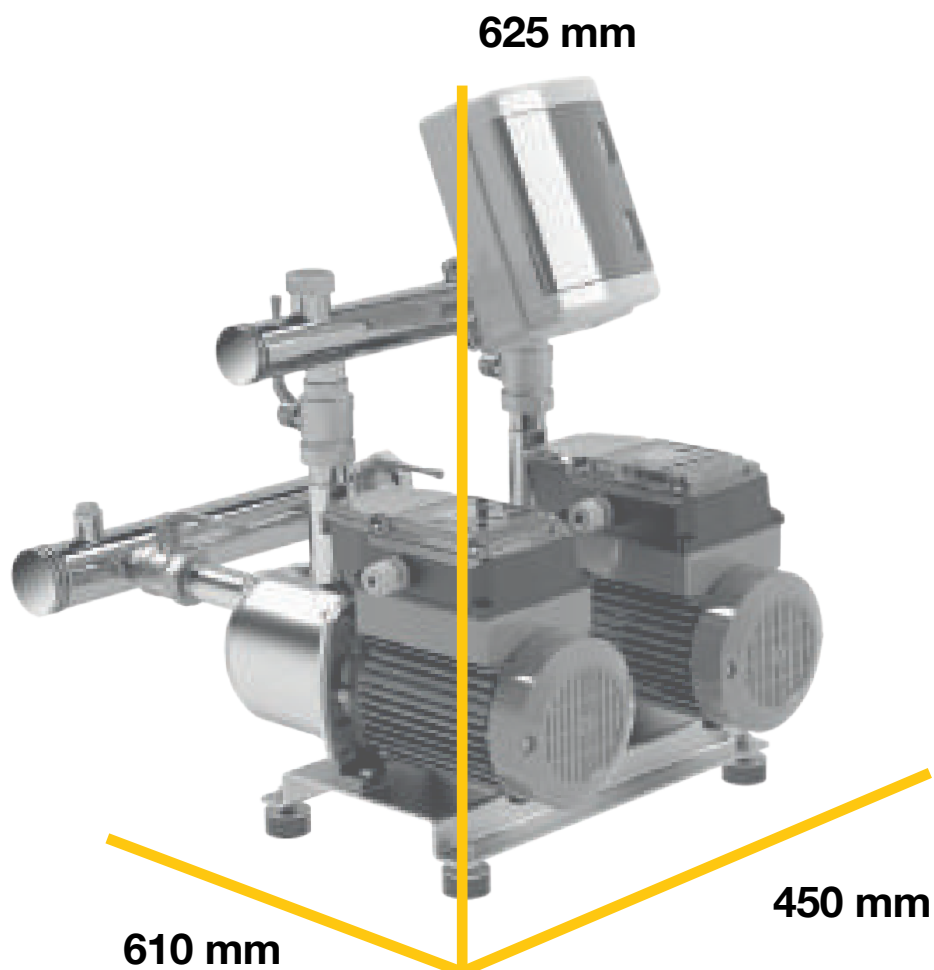
Energy saving



400Wh

**Up to 400Wh
compared to a traditional solution**

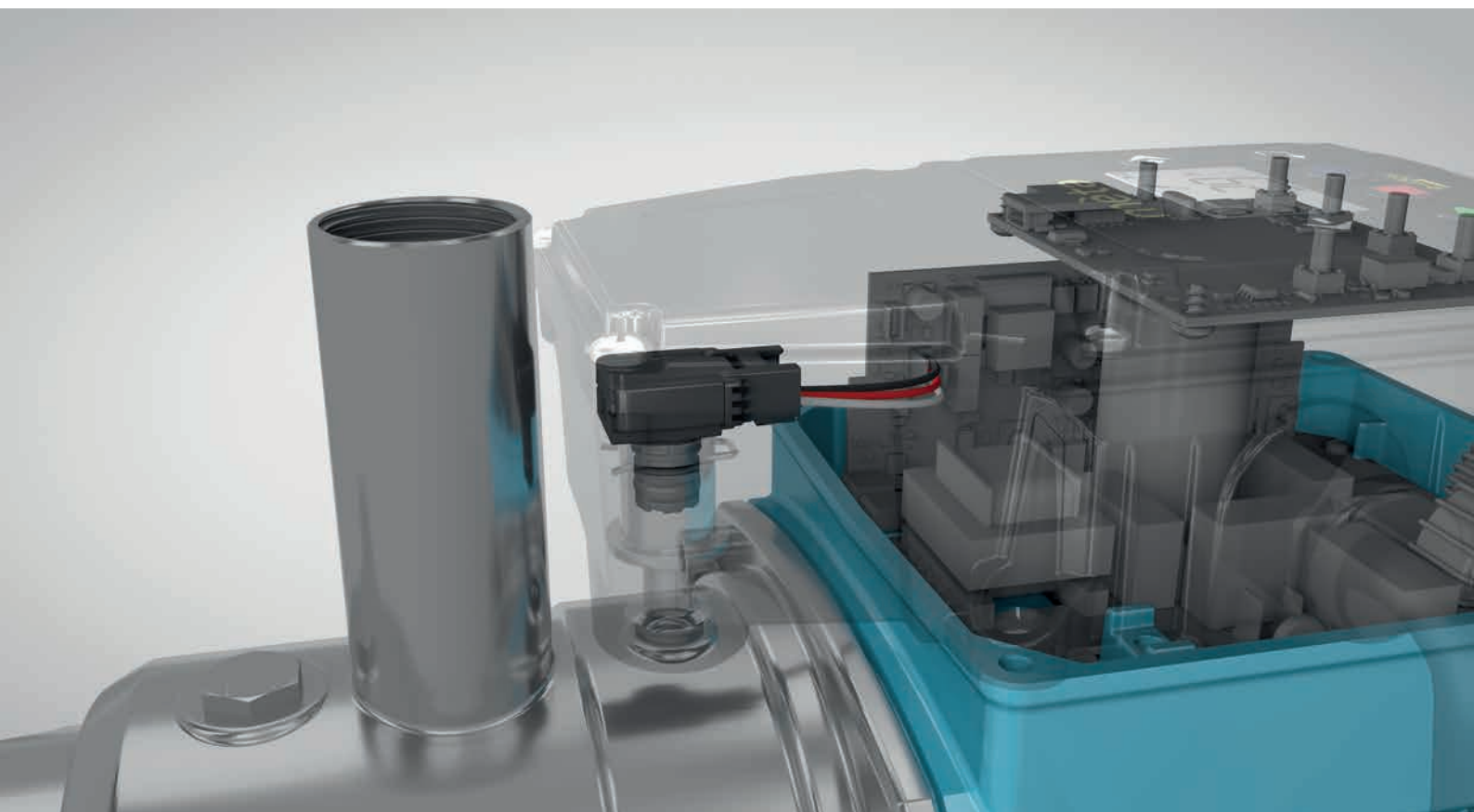
dimensions



**2 mèta
booster set**

protections

- dry-run protection
- presence of air in the pump casing detection
- motor temperature control
- pump blockage control
- overcurrent protection
- power supply control
- small leakages detect
- flow rate control



interface



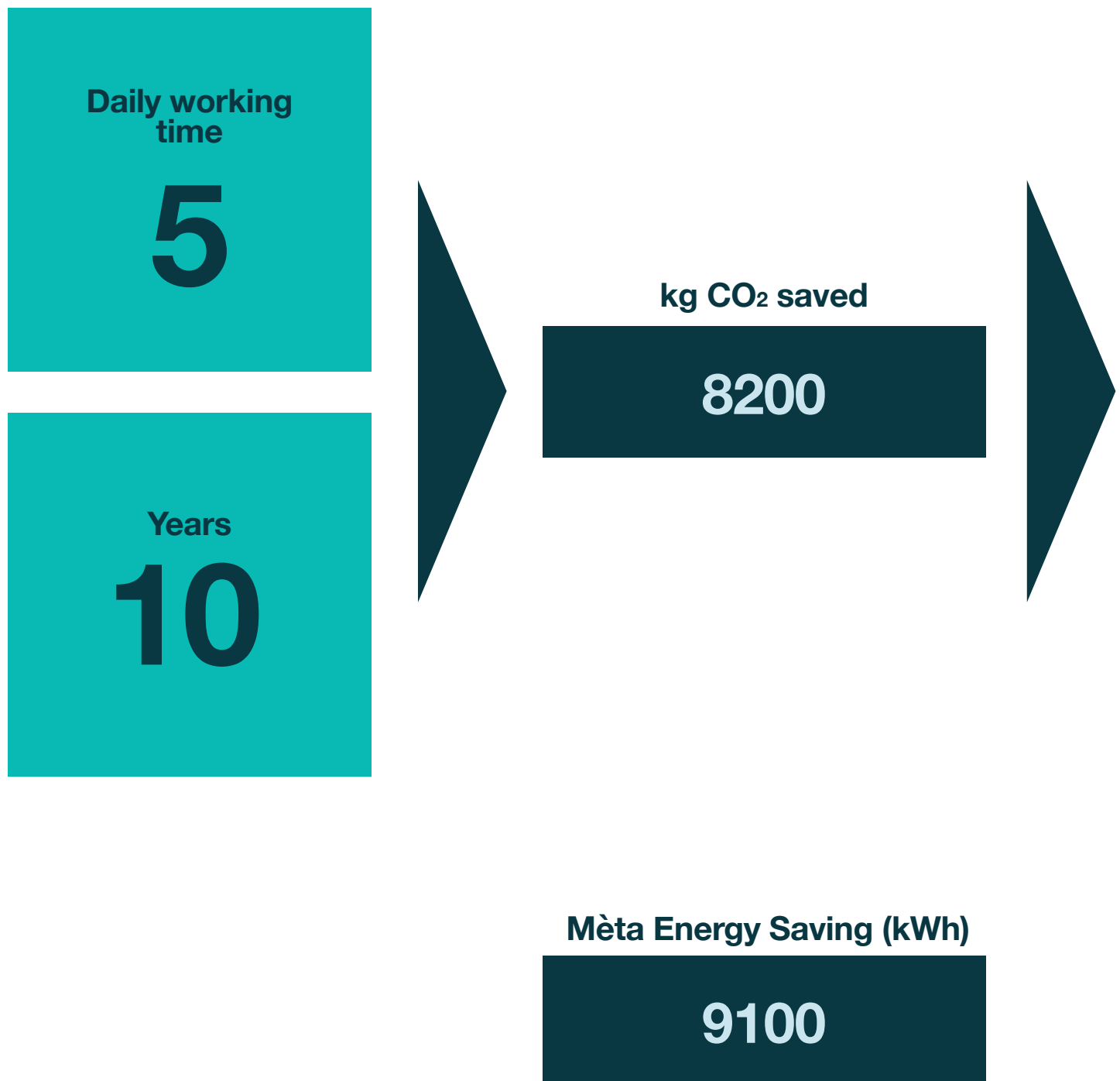
SIMPLE AND INTUITIVE

it allows to visualize:

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

INPUT

OUTPUT



Calculation based on mèta small

OUTPUT



Energy cost: 0.2 € / kWh



water passion

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