Equipment and solutions

Aqua Mini 400

Product technical datasheet

Compact submersible pump for clean water and domestic drainage.



FT-P003 · Rev. 1

The AQUA MINI 400 is a compact submersible pump designed for clean water. Suitable for draining wells, collection tanks, garages or basements subject to flooding. Also adequate for small-scale gravity irrigation and transfer from reservoirs or swimming pools. Built in AISI 304.

Applications

- Emptying of wells, collection tanks, garages or cellars.
- Drainage of areas subject to flooding.
- Small runoff irrigation.
- Transfer of tanks, swimming pools and small water features.

Operating conditions

- Confirm the installation conditions, power supply and duty point before commissioning.

Engineering note	Confirm the installation conditions, power supply and duty point before commissioning.
Complementary equipment	Contact JOVAL for compatible accessories and equipment.
Resources and support	Pump selection guide · JOVAL technical support
Contact	+351 253 490 740 · joval@joval.pt

Technical specifications

Voltage
230 V - 50 Hz

Power (P2)
0.5 HP / 0.37 kW

Power (P1)
0.36 kW

Amperage
1.6 A

Capacitor
8 uF - 450 V

Weight
3.4 kg

Applications

- Emptying of wells, collection tanks, garages or cellars.
- Drainage of areas subject to flooding.
- Small runoff irrigation.
- Transfer of tanks, swimming pools and small water features.

Operating conditions

Discharge (DNM)
1" 1/4

Material
Stainless Steel AISI 304 (1.4301)

Impeller
Stainless Steel AISI 304 (1.4301)

Shaft
Stainless Steel AISI 420

Seal
Double mechanical seal in silicon carbide

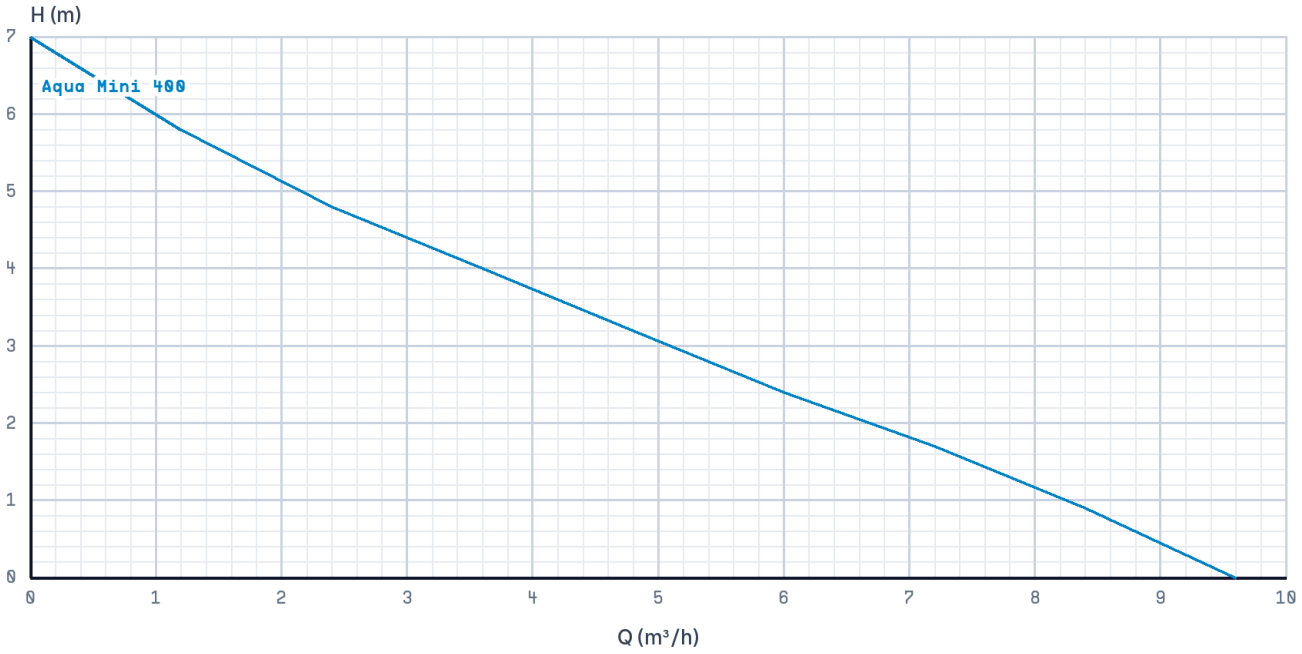
Max Temperature
35° C

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Engineering note Confirm the installation conditions, power supply and duty point before commissioning.

Performance

Performance curves



Electrical data

Rated values at 400 V

Model	kW	HP	A (400 V)
Aqua Mini 400	0,37	0,5	1,6

Model	kW	HP	A (400 V)

Performance

Hydraulic performance

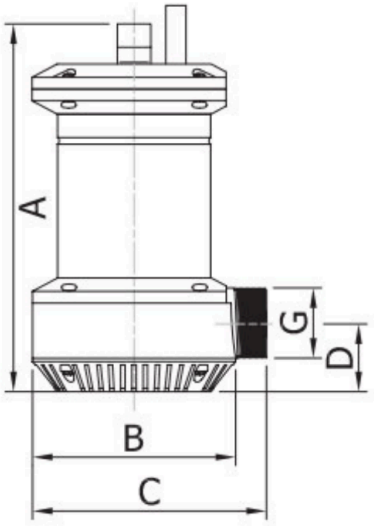
Total head H in metres

Model	Q · Flow (m³/h)								
	0	1,2	2,4	3,6	4,8	6	7,2	8,4	9,6
Aqua Mini 400	7	5,8	4,8	4	3,2	2,4	1,7	0,9	0

Select the duty point at the intersection of Q and H.

Dimensions and models

Dimensions and models



A (mm)	B (mm)	C (mm)	D (mm)	G	Weight (kg)
220	122	142	40	1" 1/4	3.5