

More flow. Less power. Primes itself from 9 m.

The FUTURE JET 1A is the most powerful model in the FUTURE JET 1 series. Pedrollo's patented FUTURE JET design re-engineers the classic jet pump, matching and exceeding its pressure while — by Pedrollo's figures — doubling the flow and cutting energy use by up to 50%. It primes itself from up to 9 m below the pump and keeps running with air in the water, making it the natural choice for wells, tanks and rainwater stores. Suited to a family home with one or two bathrooms, or a larger garden.



100 l/min
MAX FLOW

44 m
MAX HEAD

0.55 kW
0.75 HP

9 m
SUCTION LIFT

6 bar
MAX PRESSURE

KEY FEATURES

- Patented FUTURE JET hydraulics — more flow than a traditional jet
- Up to 50% lower energy consumption (Pedrollo)
- Self-priming to 9 m, handles air in the water
- Reduced turbulence — quieter, more stable running
- AISI 304 stainless impeller and cover
- IE3 high-efficiency three-phase motor
- Continuous S1 duty, Class F insulation, IPX4
- 1" BSP suction and delivery

IDEAL FOR

- Domestic supply from wells, sumps and tanks
- Rainwater harvesting supply
- Garden and orchard irrigation
- Clean water transfer between tanks

WHAT'S INCLUDED

- FUTURE JET 1A pump, 230/400 V three-phase
- Pedrollo installation and operating instructions

PERFORMANCE — 50 Hz, 0 m suction lift

Flow l/min	5	10	20	40	60	80	90	95	100
Head m	44	40.6	34.5	25.2	18.7	13.7	11.4	10.2	9

Shut-off head at zero flow 48 m. Performance to EN ISO 9906 Grade 3B.

PUMP & MOTOR

Power (P2)	0.55 kW / 0.75 HP
Supply	230/400 V three-phase
Motor	IE3
Current	2.8 A at 230 V / 1.6 A at 400 V
Duty / insulation	S1 / Class F
Protection	IPX4
Max flow	100 l/min
Max head	44 m
Max pressure	6 bar

MATERIALS & DIMENSIONS

Pump body	Cast iron with cataphoretic coating
Impeller	AISI 304 stainless
Cover	AISI 304 stainless
Ejector	Noryl™
Motor shaft	AISI 431 stainless
Mech. seal	AR-12, Ø12 mm
Ports	1" BSP (ISO 228/1)
Length × height	357 × 173 mm
Weight	10 kg

APPLICATION LIMITS

Suction lift	Up to 9 m
Liquid temperature	−10 °C to +40 °C
Ambient temperature	Up to +40 °C
Liquid	Clean water, not chemically aggressive to pump materials

Installation notes. Fill the pump body with water through the priming plug before first start. Fit a non-return valve on the suction line and keep suction pipework no smaller than the port size. Install indoors or under cover in a ventilated space protected from the weather. For whole-house supply, pair with a pressure vessel and pressure switch or pump controller.