

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

The FUTURE JET 2C-ST is the entry model in the higher-output FUTURE JET-ST 2 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 larger homes and irrigation systems running several outlets at once.



120 l/min
MAX FLOW

52 m
MAX HEAD

0.75 kW
1 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 pump body, cover and impeller
- 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 2C-ST 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	120
Head m	52	49	43	34	27	20.5	18.3	17	15.5	10

Shut-off head at zero flow 55 m. Performance to EN ISO 9906 Grade 3B.

PUMP & MOTOR

Power (P2)	0.75 kW / 1 HP
Supply	230/400 V three-phase
Motor	IE3
Current	4.7 A at 230 V / 2.7 A at 400 V
Duty / insulation	S1 / Class F
Protection	IPX4
Max flow	120 l/min
Max head	52 m
Max pressure	6 bar

MATERIALS & DIMENSIONS

Pump body	AISI 304 stainless steel
Impeller	AISI 304 stainless
Cover	AISI 304 stainless
Ejector	Noryl™
Motor shaft	AISI 431 stainless
Mech. seal	AR-14, Ø14 mm
Ports	1" BSP (ISO 228/1)
Length × height	393 × 217 mm
Weight	11.2 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.