FUTURE JET·ST®

The self-priming pump of the future!

Clean water

Domestic use

Civil use

※ **Reduction of energy consumption by up to 50%**

From an evolution of the classic JET pump concept, a SUPER JET was born.

※ **Stainless steel pump body and impeller**
※ **Better consumption/performance ratio**
※ **High hydraulic efficiency**
※ **Noise reduction**

PERFORMANCE RANGE

- Flow rate up to **31.7 g/min**
- Head up to **193.5 ft**

FUTURE JET-ST

Developed by our innovative research and development team, this pump revolutionizes the classic self-priming design.
With an international registered patent, the **FUTURE JET-ST** not only matches the pressure of a traditional JET pump, it surpasses it. Moreover, it doubles the flow rate while reducing energy consumption by up to 50%.

INSTALLATION AND USE

FUTURE JET-ST self-priming pumps are designed to draw water and liquids that contain air.

They are reliable and easy to operate. They are a favorite for domestic use, particularly effective for water distribution with small to medium-sized pressure tanks and suitable for irrigation.

APPLICATION LIMITS

- Manometric suction head up to **29.5 ft** (HS)
- Liquid temperature between **14 °F** and **104 °F**
- Ambient temperature up to **104 °F**
- Maximum working pressure **6 bar**

AVAILABLE UPON REQUEST

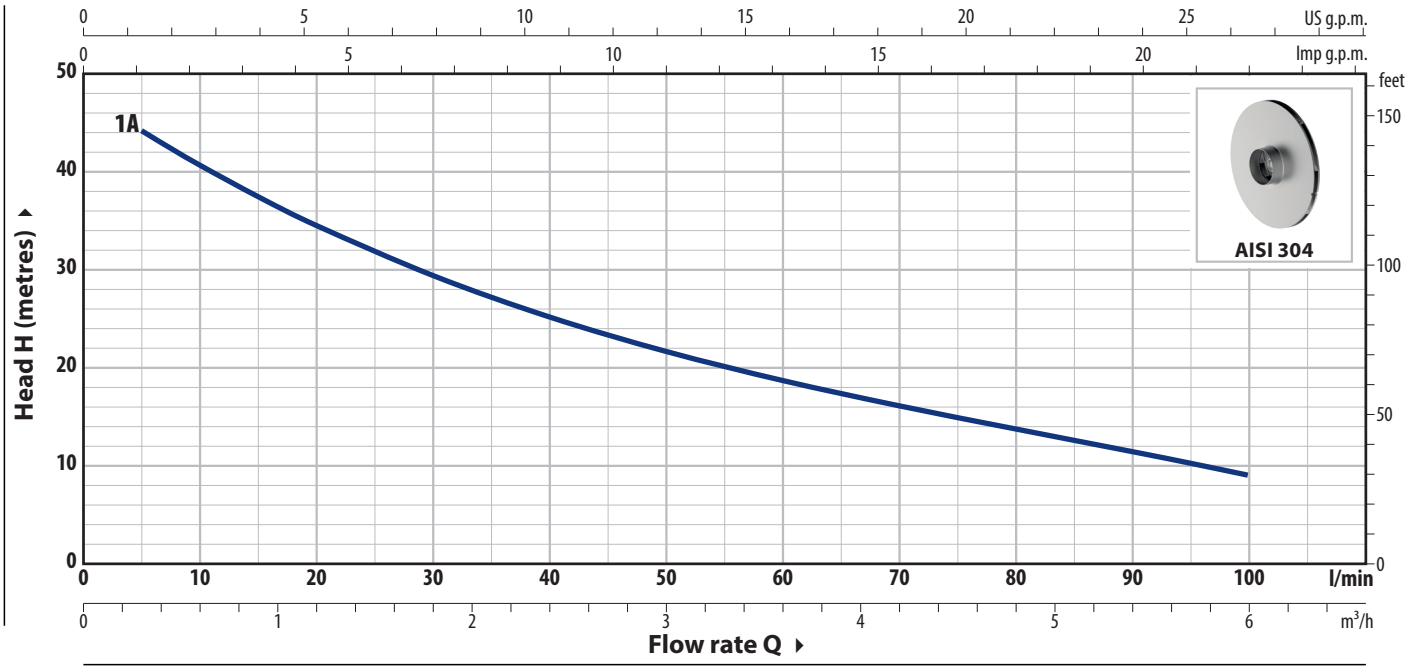
※ Technopolymer impeller (cost-effective version)
※ Different voltage or frequency

PATENTS - TRADE MARKS - MODELS

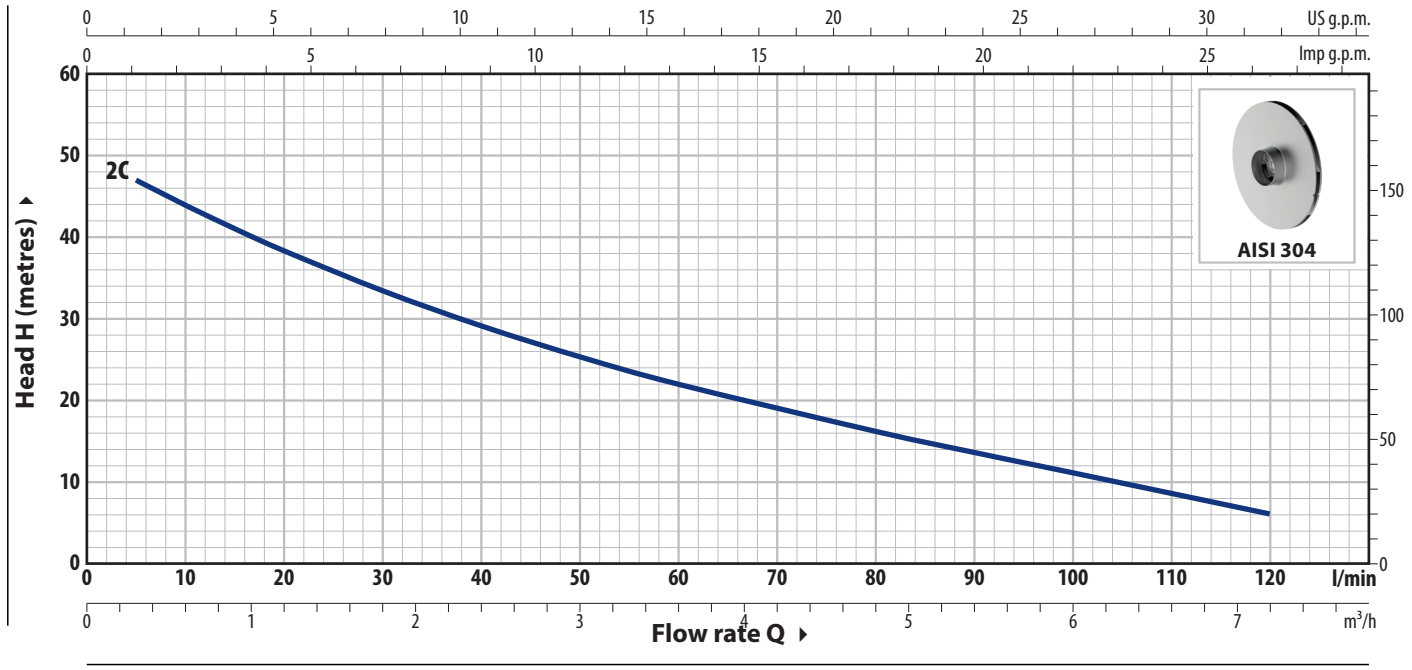
- FUTURE JET® Registered Trade mark No. 018198453
- European Patent No. 1 510 696
- Patent No. PCT/IT2019/050168

CURVES AND PERFORMANCE DATA – HS=0 m

60 Hz



TYPE	POWER (P2)			Q	m³/h	0	0.3	0.6	1.2	2.4	3.6	4.8	5.4	5.7	6.0
Single-phase	**kW**	**HP**	**1~**		l/min	**0**	**5**	**10**	**20**	**40**	**60**	**80**	**90**	**95**	**100**
FUTURE JETm 1A-ST	0.55	0.50	**IE2**	**H**	m	48	44	40.6	34.5	25.2	18.7	13.7	11.4	10.2	9



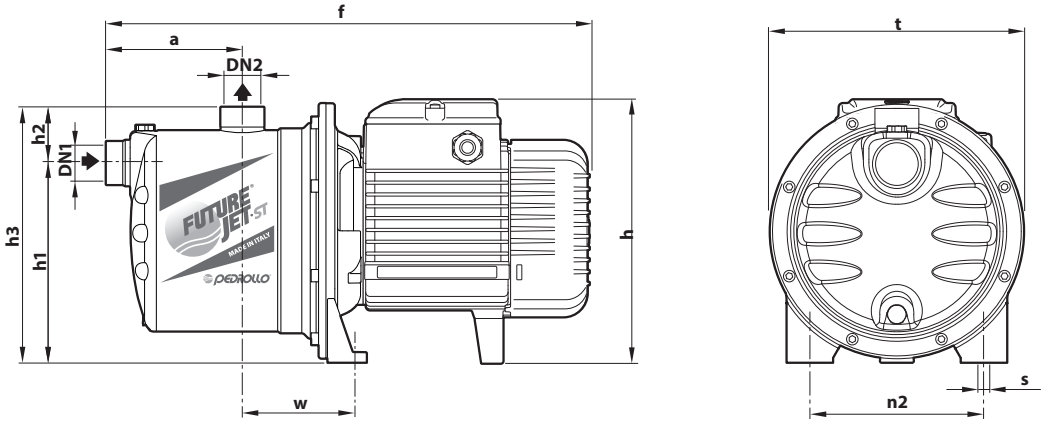
TYPE	POWER (P2)			Q	m³/h	0	0.3	0.6	1.2	2.4	3.6	4.8	5.4	6.0	7.2
Single-phase	**kW**	**HP**	**1~**		l/min	**0**	**5**	**10**	**20**	**40**	**60**	**80**	**90**	**100**	**120**
FUTURE JETm 2C-ST	0.75	0.75	**IE2**	**H**	m	50	47	43.8	38.3	29	22	16.2	13.5	11	6

Q = Flow rate **H** = Total manometric head **HS** = Suction height

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

Technical data

DIMENSIONS AND WEIGHT

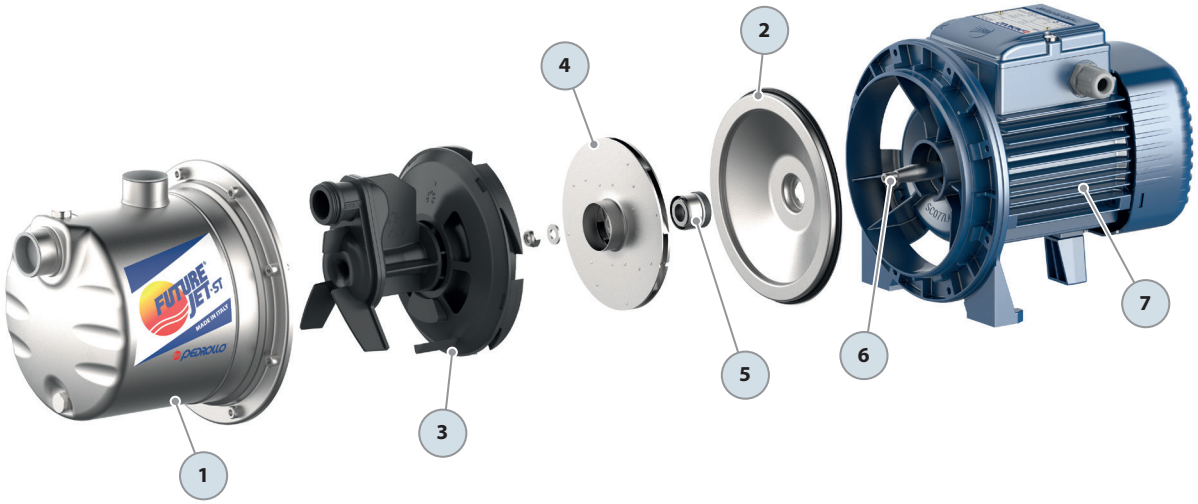


TYPE	PORTS		DIMENSIONS mm										kg
Single-phase	**DN1**	**DN2**	a	f	h	h1	h2	h3	t	n2	w	s	1~
FUTURE JETm 2C-ST	**1"**	**1"**	111	393	217*	162	46	208	208	142	91	10	10.5

(*) h=236 mm for single-phase 110 V versions

MATERIALS AND COMPONENTS

1	**Pump body**	Stainless steel **AISI 304**,provided with ISO 228/1 threaded ports
2	**Cover**	Stainless steel **AISI 304**
3	**Ejector unit**	Noryl™
4	**Impeller**	Stainless steel **AISI 304**
5	**Mechanical seal**	Water pump: FUTURE JET 2-ST; Seal: **AR-14**; Shaft: Ø 14 mm; Materials: Ceramic / Graphite / NBR
6	**Motor shaft**	Stainless steel **AISI 431**
7	**Electric motor**	**FUTURE JETm-ST**: single-phase 115-220 V - 60 Hz with winding integrated thermal motor protection – Pumps are equipped with high-efficiency motors (IEC 60034-30-1) class IE2 for single-phase models – Continuous running duty S1 – Insulation: class F – Protection rating: IP X4



EXAMPLES OF INSTALLATION