FUTURE JET®

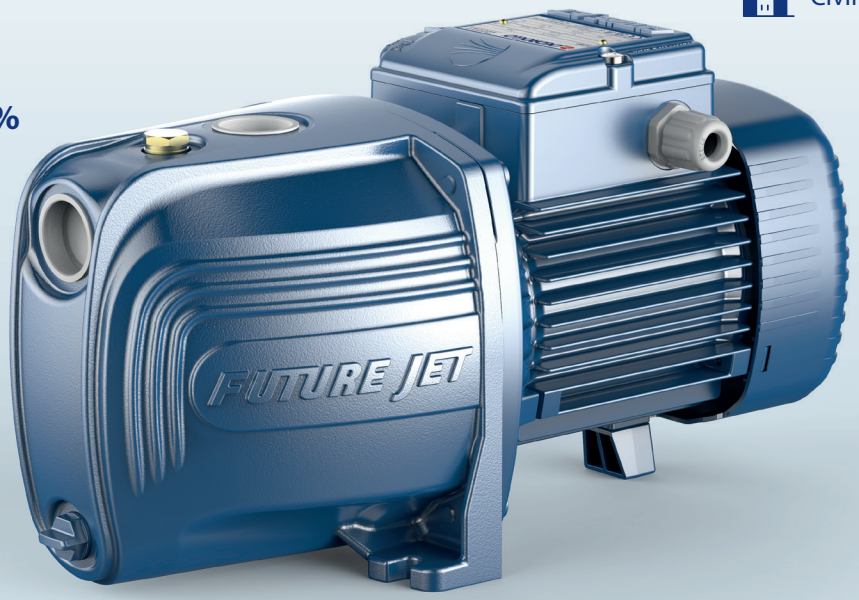
The self-priming pump of the future!

Clean water

Domestic use

Civil use

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



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

※ **High hydraulic efficiency**

※ **Better consumption/performance ratio**

※ **Reducing turbulence**

※ **Noise reduction**

PERFORMANCE RANGE

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

FUTURE JET

Developed by our innovative research and development team, this pump revolutionizes the classic self-priming design.
With an international registered patent, the **FUTURE JET** 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 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** for FUTURE JET 1
  - **7 bar** for FUTURE JET 2

AVAILABLE UPON REQUEST

※ Technopolymer impeller (cost-effective version)

※ Different voltage or frequency

PATENTS - TRADE MARKS - MODELS

- FUTURE JET® Registered Trade mark No. 018198453
- Registered Community Model No. 002218610
- European Patent No. 1 510 696
- Patent No. PCT/IT2019/050168

c UL us LISTED

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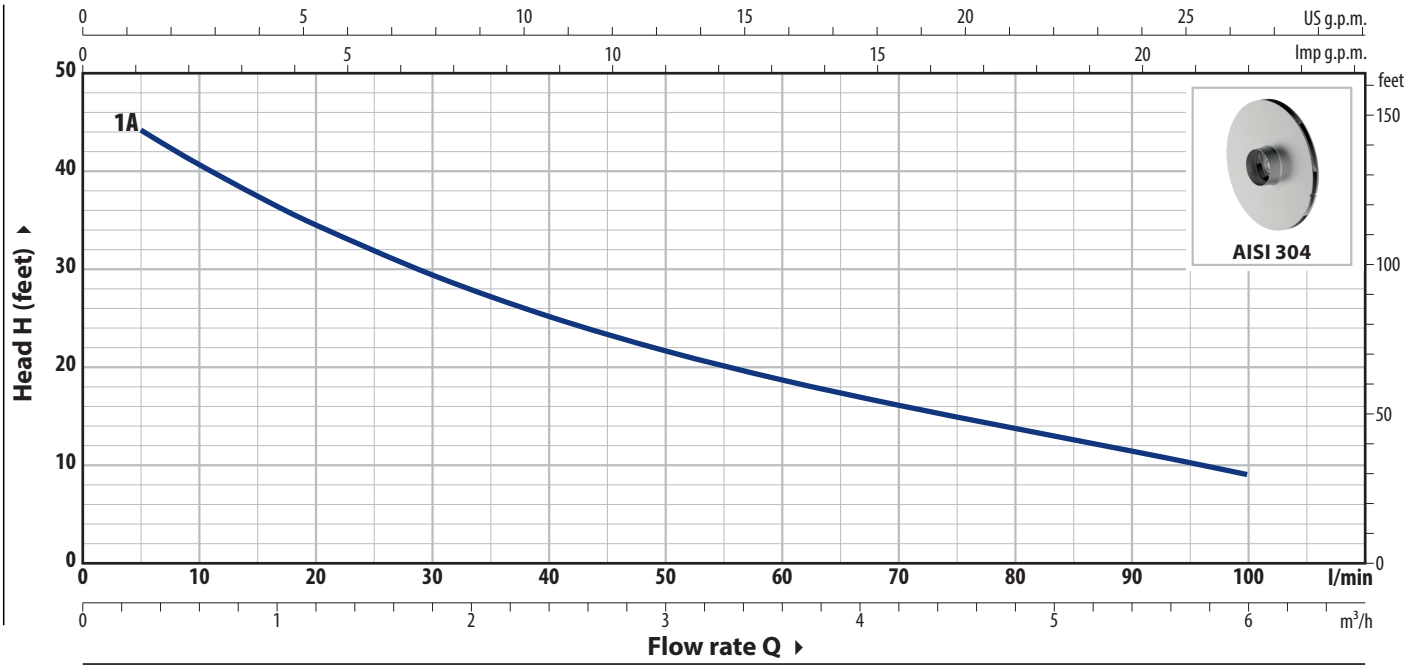
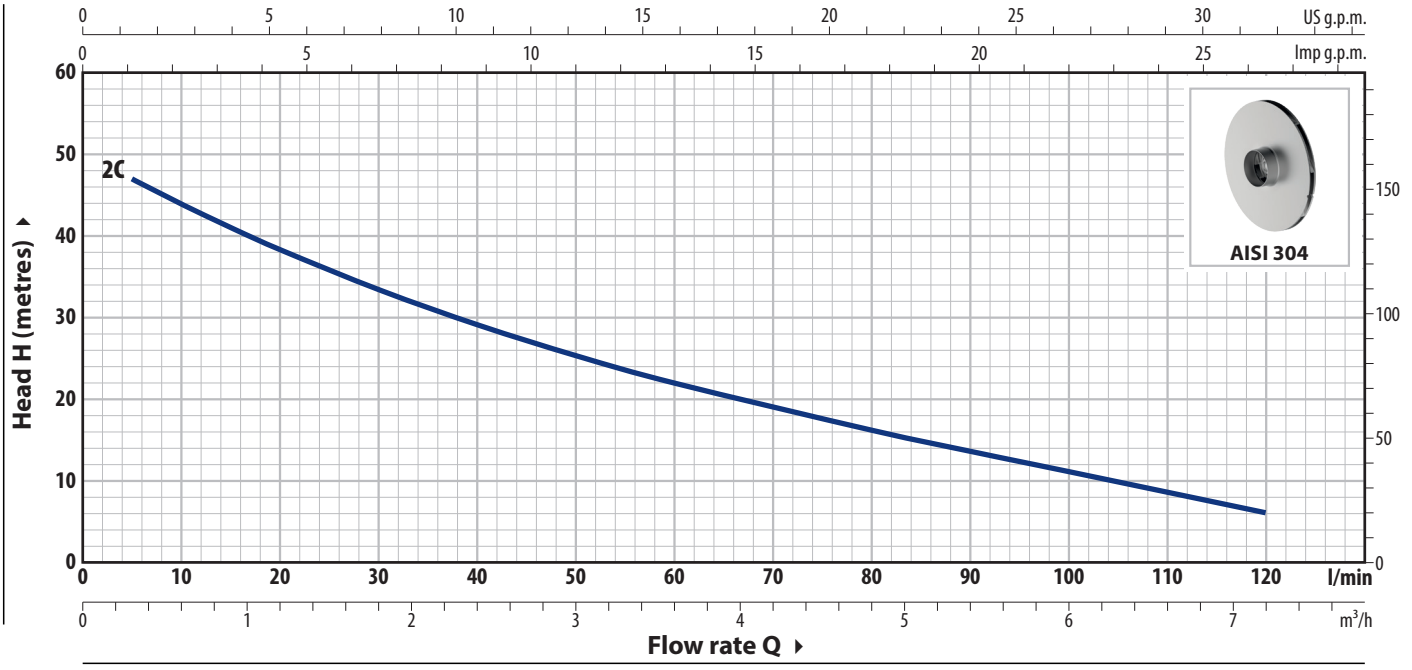
CURVES AND PERFORMANCE DATA – HS=0 ft

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	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	0.75	0.75	IE2	**H**	m	50	47	43.8	38.3	29	22	16.2	13.5	11	6

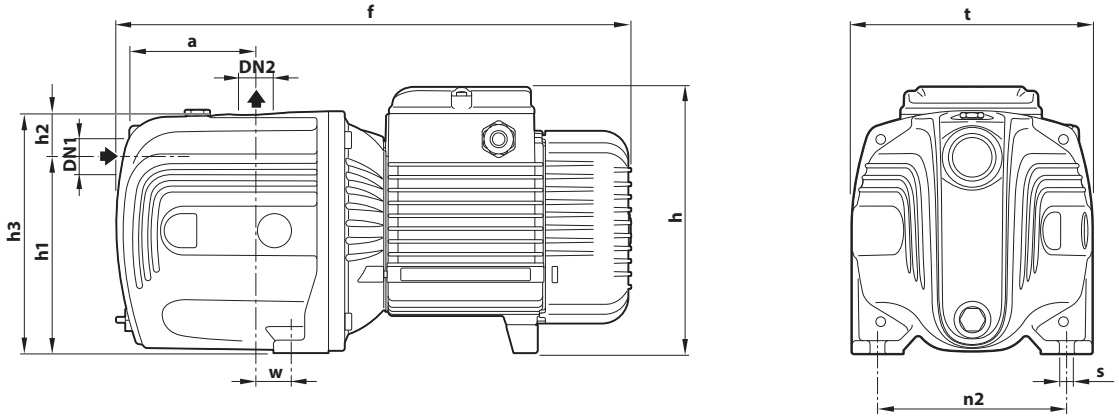
Q = Flow rate **H** = Total manometric head **HS** = Suction height

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

FUTURE JET®

Technical data

DIMENSIONS AND WEIGHT



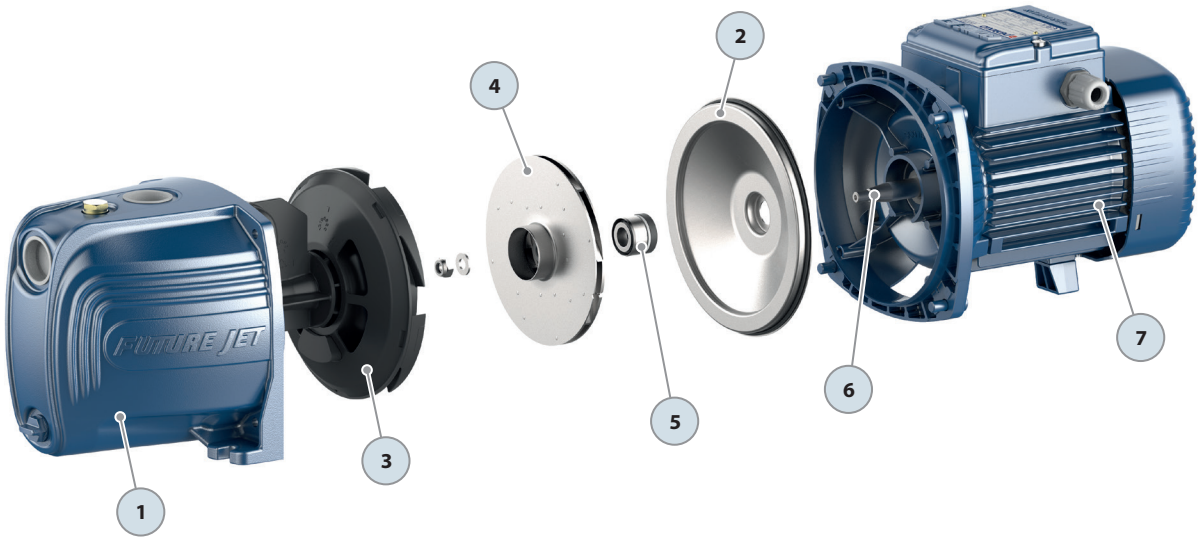
TYPE	PORTS		DIMENSIONS mm										kg
Single-phase	**DN1**	**DN2**	a	f	h	h1	h2	h3	t	n2	w	s	1~
FUTURE JETm 1A	**1"**	**1"**	94	357	173	127	35	162	158	124	24	10	10.7
FUTURE JETm 2C			96	391	201*	147	33	180	180	142	22	10	13.4

(*) h=220 mm for single-phase 110 V versions

MATERIALS AND COMPONENTS

1	**Pump body**	FUTURE JET 1: cast iron with cataphoretic treatment, provided with ISO 228/1 threaded ports FUTURE JET 2: cast iron with ISO 228/1 threaded ports start of production with new design 07.2024
2	**Cover**	Stainless steel **AISI 304**
3	**Ejector unit**	Noryl™
4	**Impeller**	Stainless steel **AISI 304**
5	**Mechanical seal**	
6	**Motor shaft**	Stainless steel **AISI 431**
7	**Electric motor**	**FUTURE JETm**: single-phase 115-230 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

Water pump	Seal	Shaft	Materials
FUTURE JET 1	**AR-12**	Ø 12 mm	Ceramic / Graphite / NBR
FUTURE JET 2	**AR-14**	Ø 14 mm	Ceramic / Graphite / NBR



EXAMPLES OF INSTALLATION