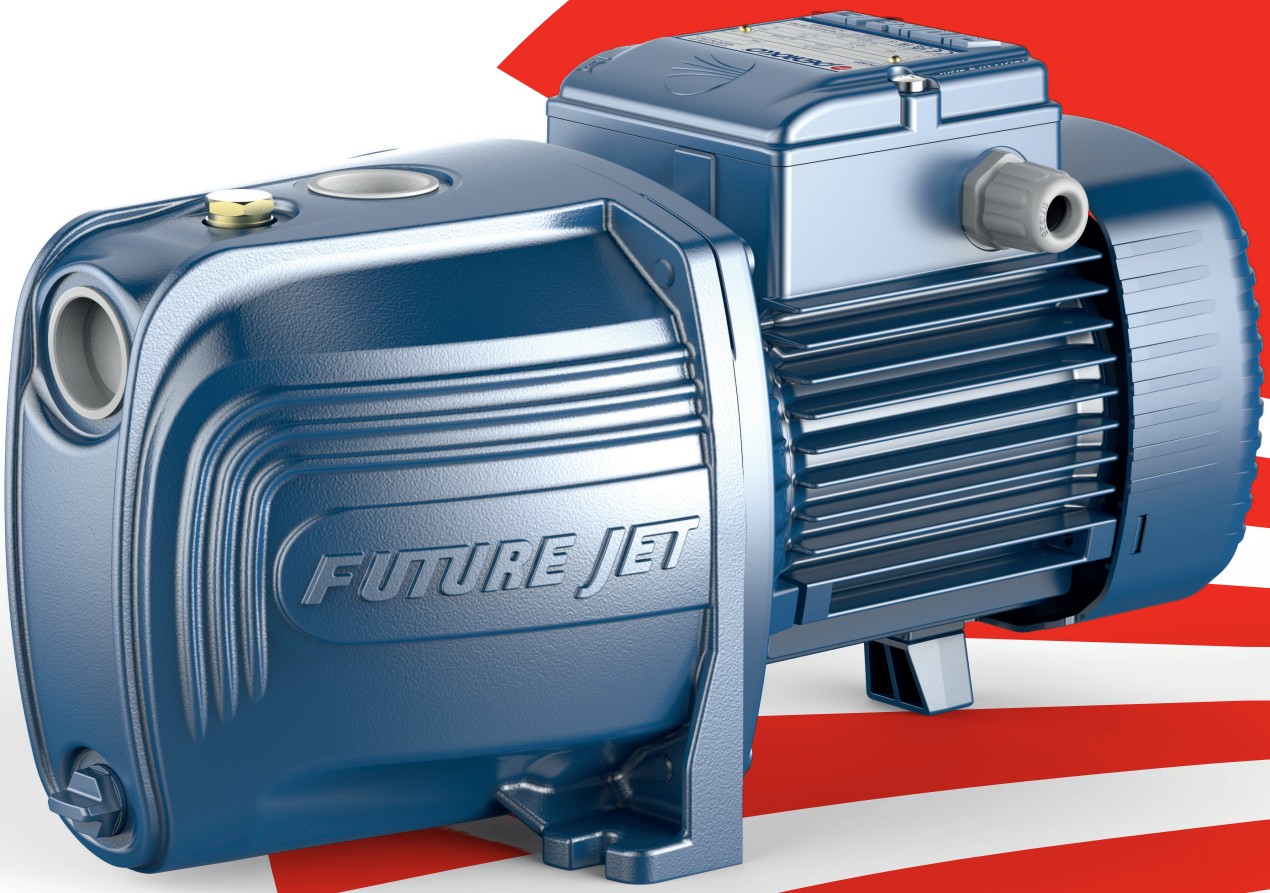
FUTURE JET®

60 Hz

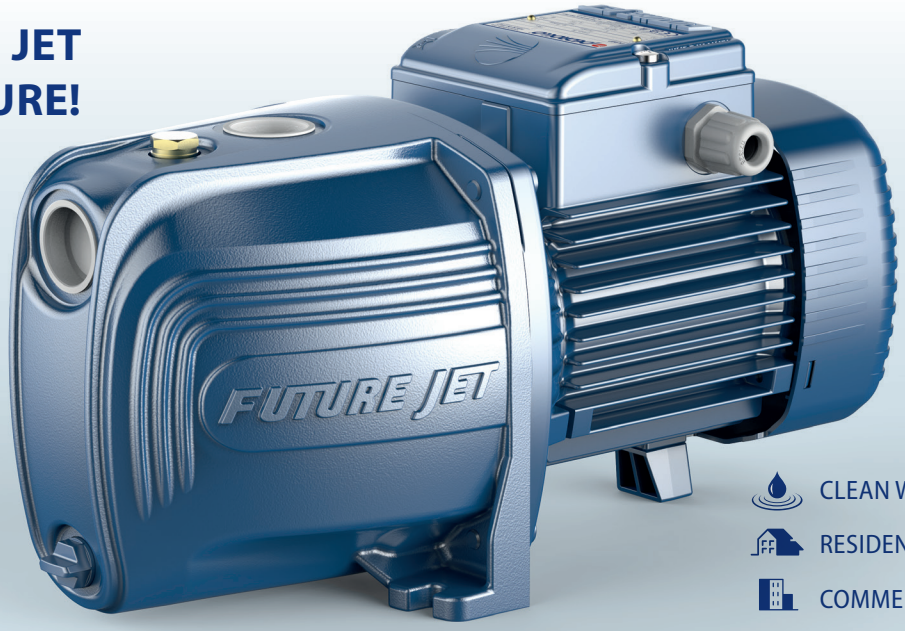
THE SELF-PRIMING JET PUMP OF THE FUTURE!



PEDROLLO®
the spring of life

MADE IN ITALY

THE SELF-PRIMING JET PUMP OF THE FUTURE!



Reduction of energy consumption by up to 50%

CLEAN WATER
RESIDENTIAL
COMMERCIAL

FROM AN EVOLUTION OF THE CLASSIC JET CONCEPT, A SUPER JET WAS BORN.

High hydraulic efficiency | **Better consumption/ performance ratio** | **Reducing turbulence** | **Noise reduction**

INSTALLATION AND USE

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%.

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.

	FUTURE JET 1A	FUTURE JET 2C
PERFORMANCE RANGE		
Max. Flow	**31.7 GPM** (120 l/min)	
Max. Head	**164 ft.** (50 m)	
APPLICATION LIMITS		
Manometric Suction Lift	**22 ft.** (7 m)	
Liquid Temp.	**14°F - 104°F** (-10°C - 40°C)	
Ambient Temp. *(up to)*	**104°F** (40°C)	
Max. Working Pressure	**87 PSI** (6 bar)	**102 PSI** (7 bar)
Continuous Duty Rating	**S1**	

OPTIONS AVAILABLE ON REQUEST

- Other Voltages
- Pumps with impeller in Technopolymer

PATENTS

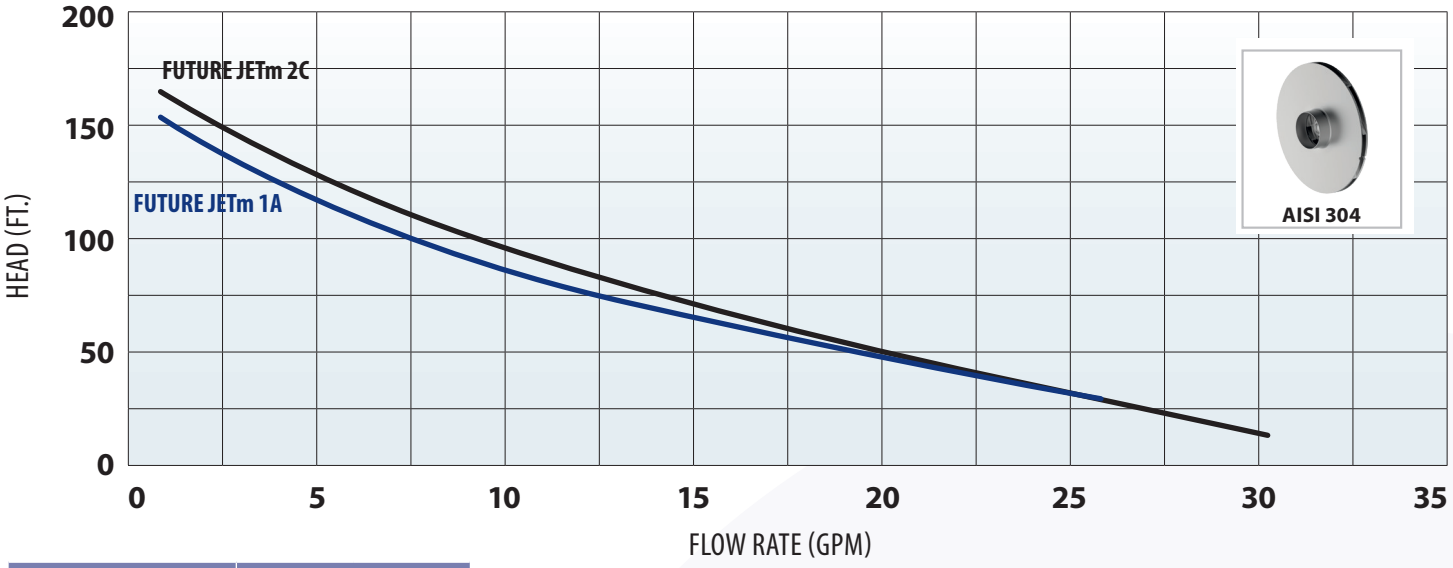
- FUTURE JET® Registered Trade mark No. 018198453
- Registered Community Model No. 002218610
- European Patent No. 1 510 696
- Patent No. PCT/IT2019/050168

CERTIFICATIONS

2 YEAR LIMITED WARRANTY

CURVES AND PERFORMANCE DATA

60 Hz

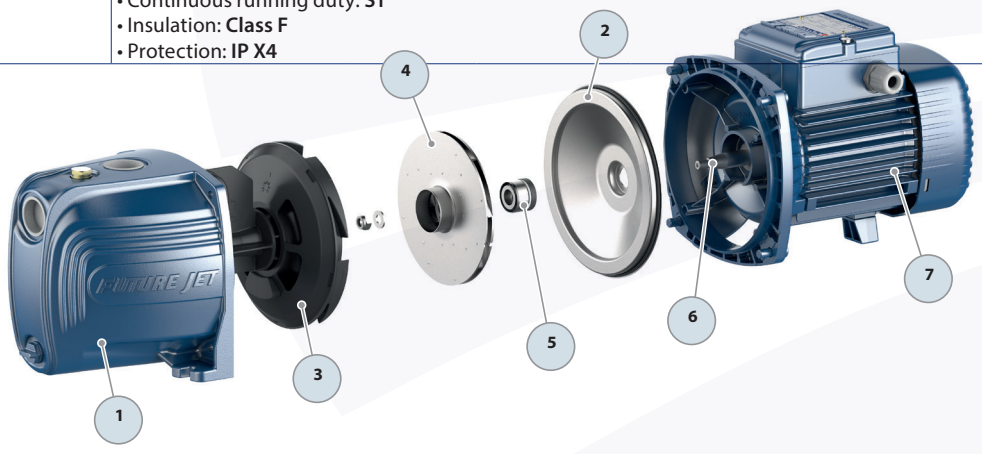


MODEL	MOTOR SIZE												
SINGLE-PHASE	**kW**	**HP**	**GPM**	**0**	**1.3**	**2.6**	**5.3**	**10.6**	**15.8**	**21.1**	**23.8**	**25.1**	**26.4**	**31.7**
FUTURE JETm 1A	0.37	**0.55**	HEAD (FT.)	157.5	144.4	133.2	113.2	82.7	61.4	44.9	37.4	33.5	29.5	-
FUTURE JETm 2C	0.55	**0.75**		164.0	154.2	143.7	125.6	95.1	72.2	53.1	44.3	40.3	36.1	19.7

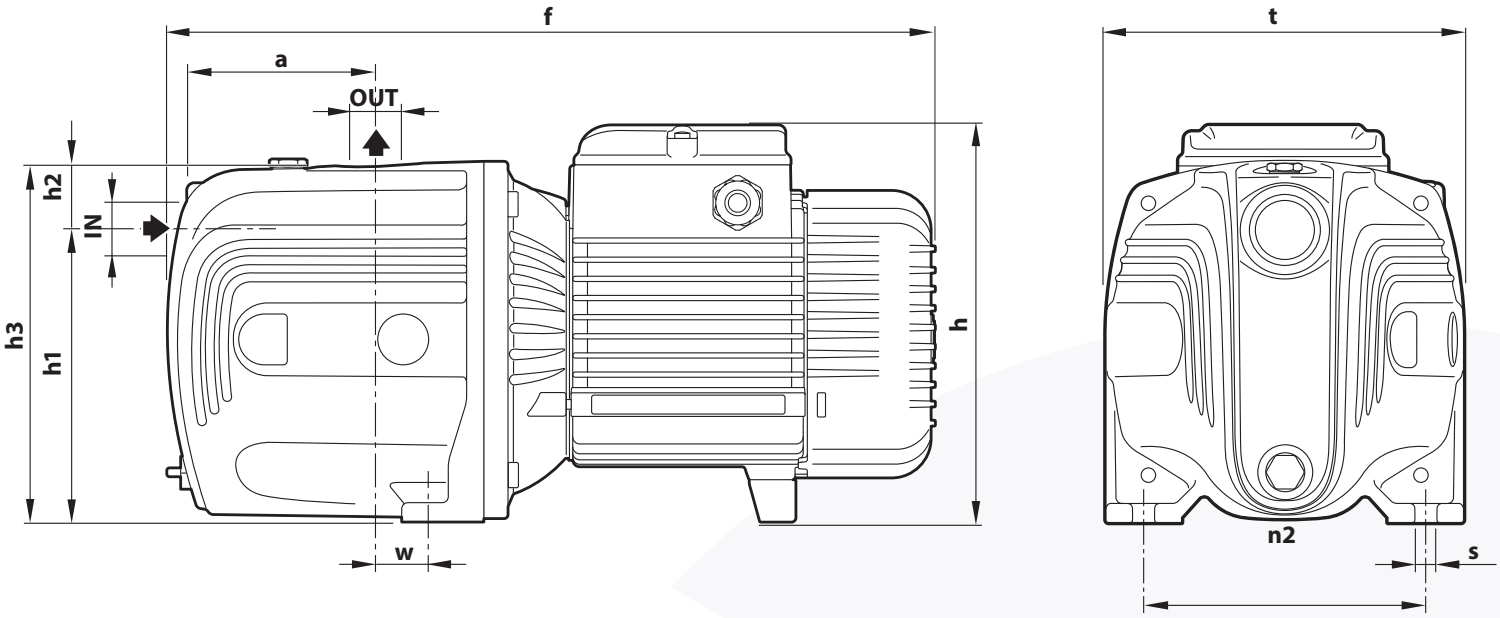
Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

CONSTRUCTION FEATURES

#	COMPONENT	CHARACTERISTICS					
1	PUMP BODY	**PUMP**	**MATERIALS**				
		FUTURE JET 1A	Cast Iron With Cataphoretic Treatment, Provided with ISO 228/1 Threaded Ports				
		FUTURE JET 2C	• 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	**PUMP**	**SEAL**	**SHAFT**	**MATERIALS**		
		FUTURE JET 1A	**AR-12**	0.4 in.	Ceramic	Graphite	NBR
		FUTURE JET 2C	**AR-14**	0.6 in.	Ceramic	Graphite	NBR
6	MOTOR SHAFT	Stainless steel **AISI 431**					
7	ELECTRIC MOTOR	Single-phase 115 V - 60 Hz, 230 V - 60 Hz or 115/230 V - 60 Hz with winding integrated thermal motor protection. • Continuous running duty: **S1** • Insulation: **Class F** • Protection: **IP X4**					



DIMENSIONS AND WEIGHT



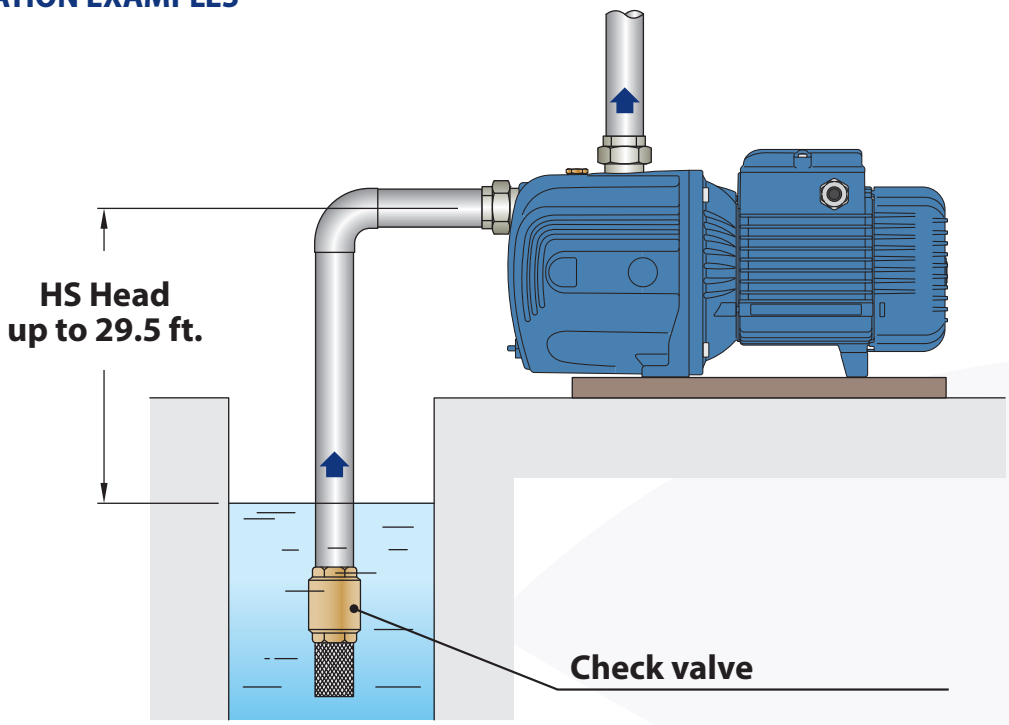
MODEL NUMBER	PORTS		DIMENSIONS (IN.)												LBS.
Single-phase	IN	OUT	a	f	h			h1	h2	h3	n2	t	w	s	~1
					115V	230V	115/230V								
FUTURE JETm 1A	NPT 1 in.	NPT 1 in.	3.7	14.1	6.8	6.8	7.9	5	1.4	6.4	4.9	6.2	0.9	0.4	23.6
FUTURE JETm 2C			3.8	15.4	8.7	7.9	8.9	5.9	1.3	7.1	5.6	7.1	0.9	0.4	29.5

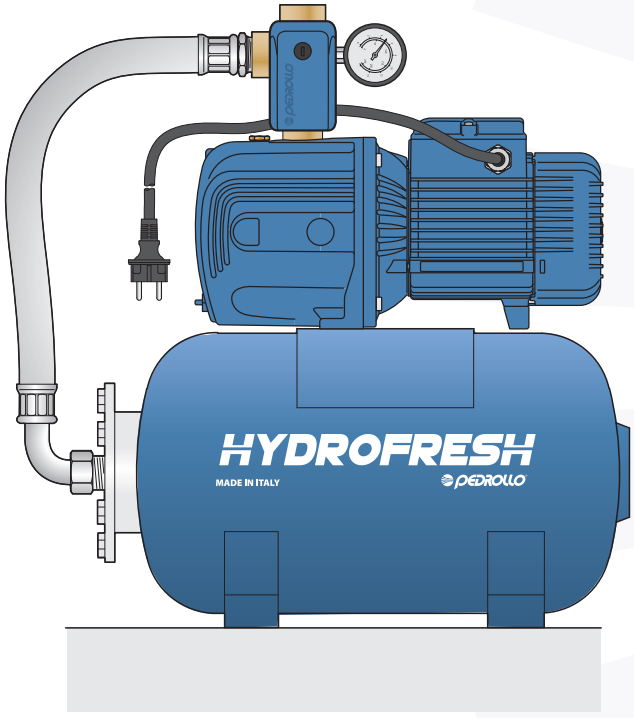
ABSORPTION

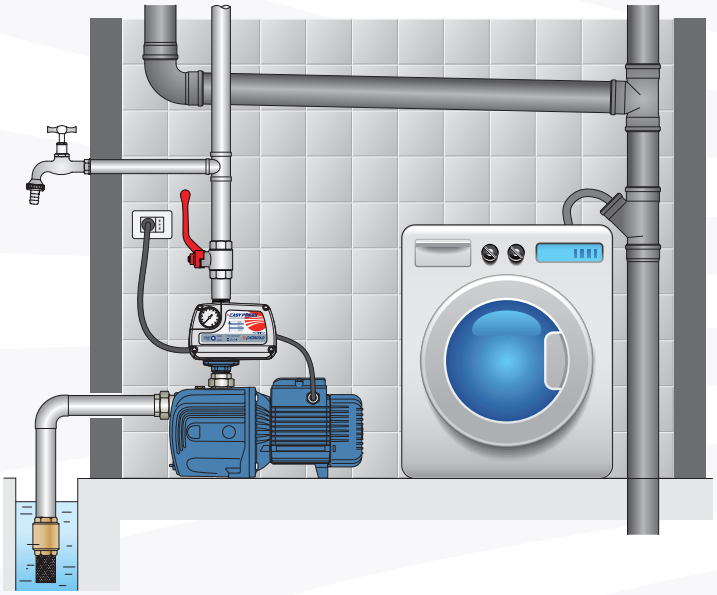
MODEL	VOLTAGE	
Single-phase	115 V	230 V
FUTURE JETm 1A	6.2 A	3.1 A

MODEL	VOLTAGE	
Single-phase	115 V	230 V
FUTURE JETm 2C	10.0 A	5.0 A

INSTALLATION EXAMPLES







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