

-  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 **120 l/min** (7.2 m³/h)
- Head up to **59 m**

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 **9 m** (HS)
- Liquid temperature between **-10 °C** and **+40 °C**
- Ambient temperature up to **+40 °C**
- Maximum working pressure **6 bar**

AVAILABLE UPON REQUEST

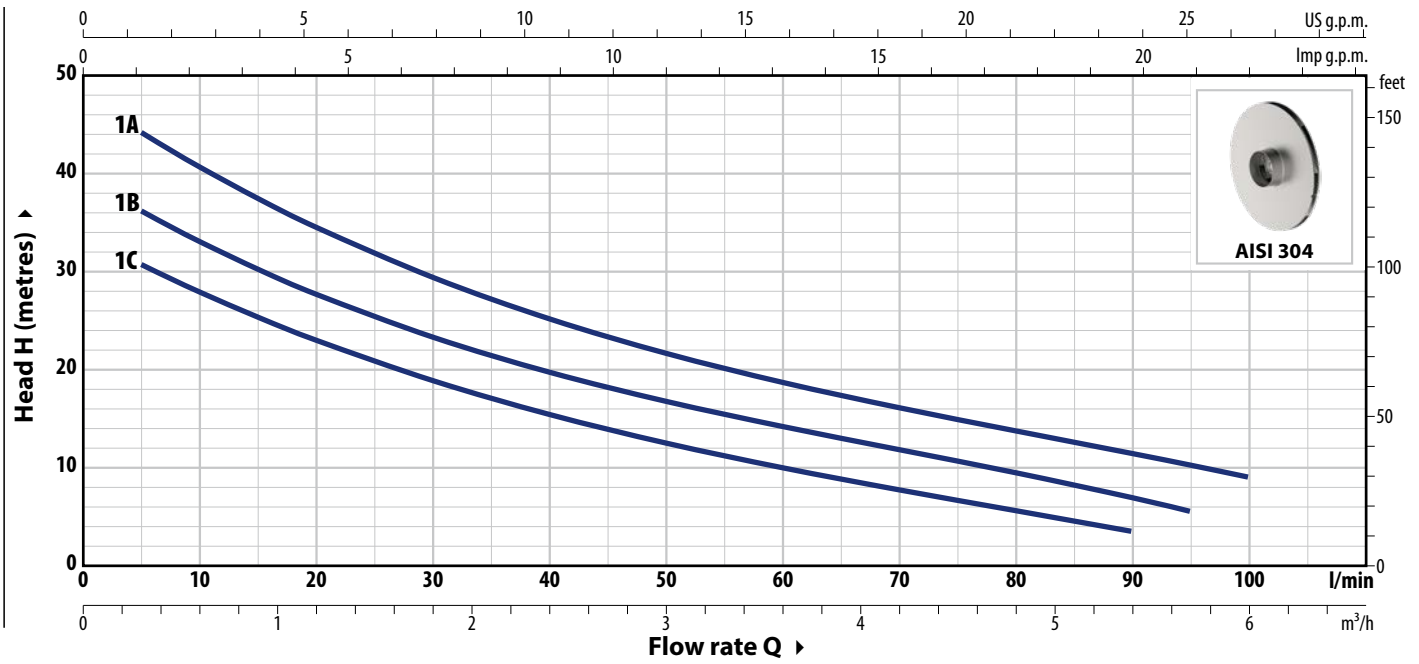
- ※ Technopolymer impeller (cost-effective version)
- ※ Different voltage or frequency

PATENTS - TRADE MARKS - MODELS

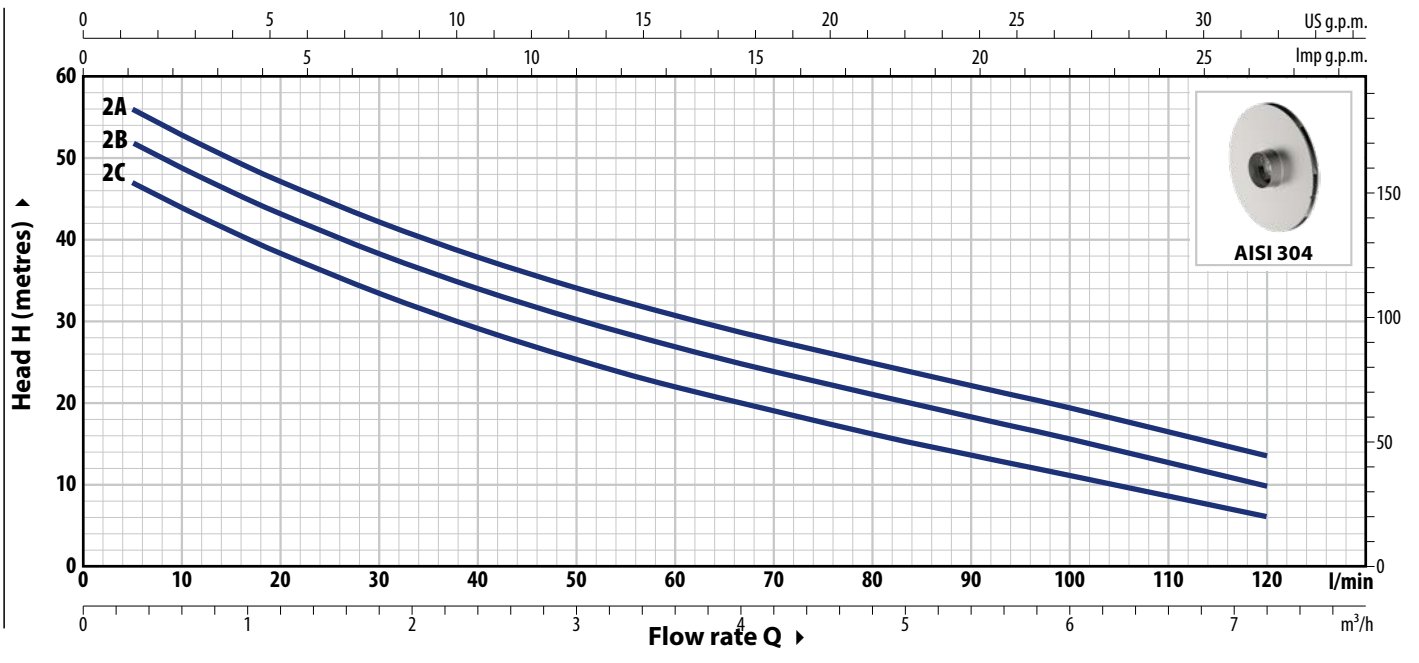
- FUTURE JET[®] Registered Trade mark No. 018198453
- European Patent No. 1 510 696
- Patent No. PCT/IT2019/050168

CURVES AND PERFORMANCE DATA – HS=0 m

60 Hz



TYPE		POWER (P ₂)		3~	Q	Flow rate										
Single-phase	Three-phase	kW	HP			m ³ /h	0	0.3	0.6	1.2	2.4	3.6	4.8	5.4	5.7	6.0
FUTURE JETm 1C-ST	FUTURE JET 1C-ST	0.37	0.50	IE2	H m	0	5	10	20	40	60	80	90	95	100	
FUTURE JETm 1B-ST	FUTURE JET 1B-ST	0.48	0.65			33.5	30.5	28	23	15.4	10	6	3.5			
FUTURE JETm 1A-ST	FUTURE JET 1A-ST	0.55	0.75			40	36	33	27.6	19.7	14.2	9.5	7	5.5		
				IE3		48	44	40.6	34.5	25.2	18.7	13.7	11.4	10.2	9	



TYPE		POWER (P ₂)		3~	Q	Flow rate											
Single-phase	Three-phase	kW	HP			m ³ /h	0	0.3	0.6	1.2	2.4	3.6	4.8	5.4	6.0	7.2	
FUTURE JETm 2C-ST	FUTURE JET 2C-ST	0.75	1	IE3	H m	0	5	10	20	40	60	80	90	100	120		
FUTURE JETm 2B-ST	FUTURE JET 2B-ST	0.90	1.25			50	47	43.8	38.3	29	22	16.2	13.5	11	6		
FUTURE JETm 2A-ST	FUTURE JET 2A-ST	1.1	1.5			55	52	49	43	34	27	20.5	18.3	15.5	10		
						59	56	53	47	38	32	25	22.3	19.5	13.7		

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

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

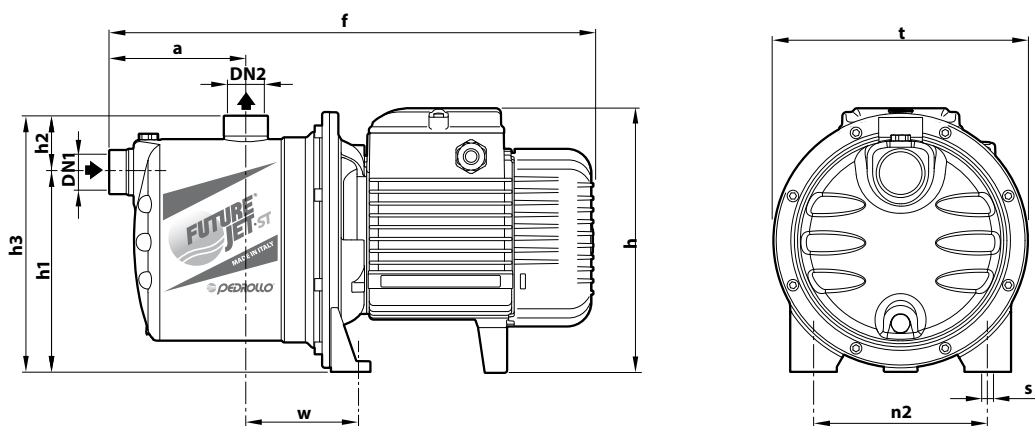
FUTURE JET-ST

ABSORPTION

TYPE	VOLTAGE	
	220 V	110 V
FUTURE JETm 1C-ST	3.0 A	7.0 A
FUTURE JETm 1B-ST	3.5 A	6.0 A
FUTURE JETm 1A-ST	4.0 A	8.0 A
FUTURE JETm 2C-ST	5.0 A	10.0 A
FUTURE JETm 2B-ST	6.3 A	-
FUTURE JETm 2A-ST	7.0 A	-

TYPE	VOLTAGE	
	220 V - Δ	380 V - 人
FUTURE JET 1C-ST	2.0 A	1.15 A
FUTURE JET 1B-ST	2.3 A	1.3 A
FUTURE JET 1A-ST	3.1 A	1.8 A
FUTURE JET 2C-ST	3.6 A	2.1 A
FUTURE JET 2B-ST	5.6 A	2.7 A
FUTURE JET 2A-ST	5.2 A	3.0 A

DIMENSIONS AND WEIGHT



Single-phase	Three-phase	PORTS		DIMENSIONS mm										kg	
		DN1	DN2	a	f	h	h1	h2	h3	t	n2	w	s	1~	3~
FUTURE JETm 1C-ST	FUTURE JET 1C-ST	1"	1"	113	367	183	132	51	183	182	120	87	9	7.1	7.1
FUTURE JETm 1B-ST	FUTURE JET 1B-ST													7.1	7.1
FUTURE JETm 1A-ST	FUTURE JET 1A-ST													7.8	7.1
FUTURE JETm 2C-ST	FUTURE JET 2C-ST	1"	1"	111	393	217*	162	46	208	208	142	91	10	10.5	10.5
FUTURE JETm 2B-ST	FUTURE JET 2B-ST													11.2	11.2
FUTURE JETm 2A-ST	FUTURE JET 2A-ST													12.0	11.2

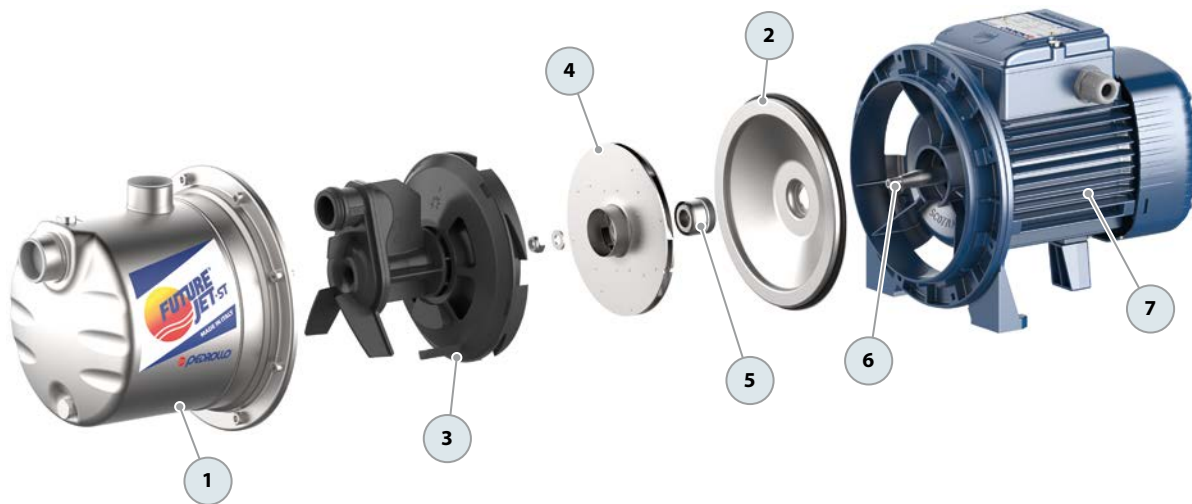
(*) h=236 mm for single-phase 110 V versions

PALLET CAPACITY

Single-phase	Three-phase	CONTAINER	GROUPAGE
		n. pumps	n. pumps
FUTURE JETm 1C-ST	FUTURE JET 1C-ST	84	108
FUTURE JETm 1B-ST	FUTURE JET 1B-ST	84	108
FUTURE JETm 1A-ST	FUTURE JET 1A-ST	84	108
FUTURE JETm 2C-ST	FUTURE JET 2C-ST	60	80
FUTURE JETm 2B-ST	FUTURE JET 2B-ST	60	80
FUTURE JETm 2A-ST	FUTURE JET 2A-ST	60	80

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	Seal	Shaft	Materials
	FUTURE JET 1-ST	AR-12	Ø 12 mm	Ceramic / Graphite / NBR
	FUTURE JET 2-ST	AR-14	Ø 14 mm	Ceramic / Graphite / NBR
6 Motor shaft	Stainless steel AISI 431			
7 Electric motor	<p>FUTURE JETm-ST: single-phase 220 V - 60 Hz with winding integrated thermal motor protection</p> <p>FUTURE JET-ST: three-phase 220/380 V - 60 Hz</p> <ul style="list-style-type: none"> - The three-phase pumps are fitted with high performance motors up to P2=0.48 kW in class IE2 and from P2=0.55 kW in class IE3 (IEC 60034-30-1) - Continuous running duty S1 - Insulation: CLASS F - Protection rating: IP X4 			



EXAMPLES OF INSTALLATION

