

PLURIJET®

90-130-200

60 Hz

**SELF-PRIMING
MULTI-STAGE PUMPS**

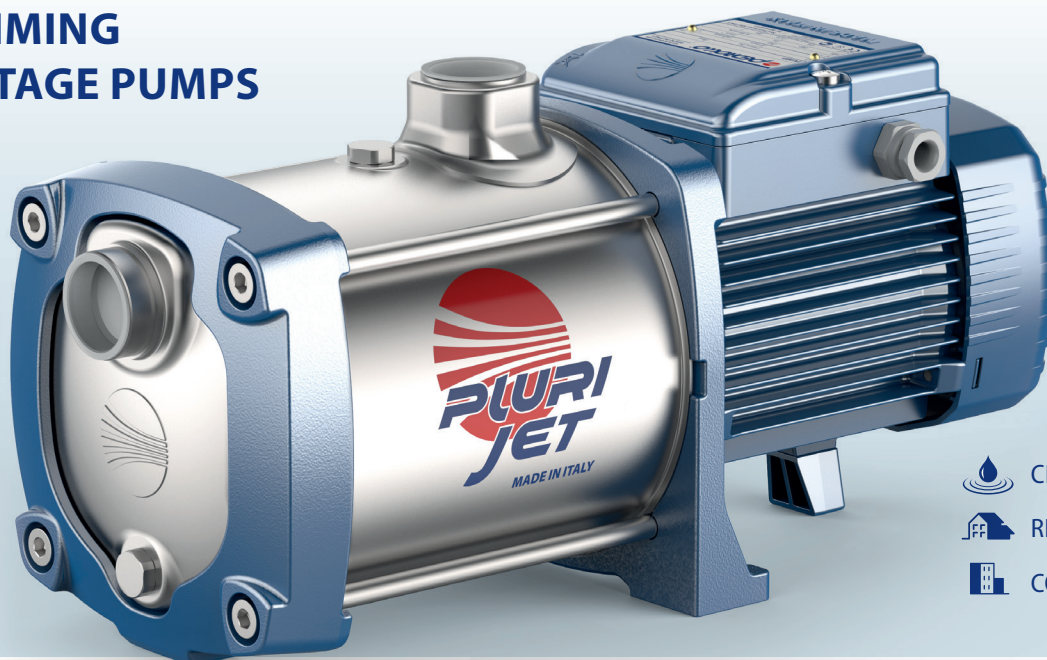


PLURIJET®

90-130-200



SELF-PRIMING MULTI-STAGE PUMPS



PLURIJET high-efficiency pumps with stainless steel impellers are as essential as water. Thanks to their reliability, quiet operation, and cost-effectiveness, they provide the best and most effective solution for your domestic needs.

■ APPLICATIONS AND MARKETS

- Commercial
- Irrigation
- Water Well Service
- Small/Medium Pressure Tanks
- Residential
- Water Distribution
- Pressure Boosting Systems
- OEM Equipment

PERFORMANCE RANGE

Max. Flow	52 GPM (200 l/min)
Max. Head	318 ft. (97 m)

APPLICATION LIMITS

Max. Suction Lift	29.5 ft. (9 m)
Liquid Temp.	14°F - 104°F (-10°C - 40°C)
Ambient Temp. (up to)	104°F (40°C)
Max. Working Pressure	145 PSI (10 bar)
Continuous Duty Rating	S1

■ CERTIFICATIONS



■ PATENTS

- Registered Trade Mark No. 3974301 PLURIJET®
- Patent Pending No. EP14755156.8

■ FEATURES



ALL IN ONE

PLURIJET pumps are designed to handle any domestic water task with ease. With exceptional suction capacity, they can prime up to 29.5 ft. deep, making them perfect for any household water requirement.



EFFICIENT

High hydraulic efficiency means they consume less electricity compared to self-priming JET pumps, ensuring you have all the water you need without draining your power supply.

QUIET



Featuring multi-cellular hydraulics for maximum pressure with minimal power consumption, these pumps operate with significantly reduced noise.

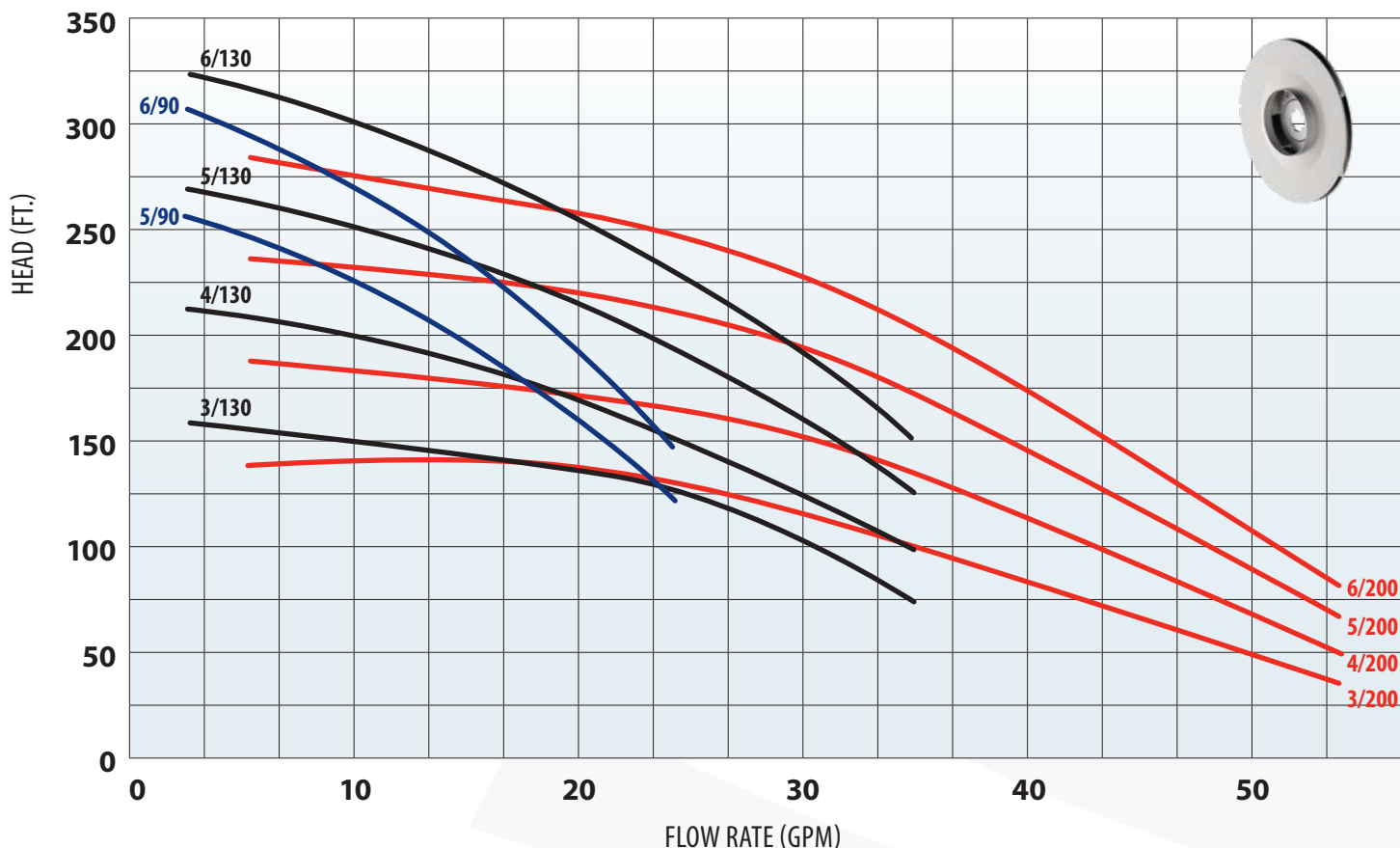
■ OPTIONS AVAILABLE UPON REQUEST

- Pump Body with GAS ANSI B 1.20.1 Threaded Ports
- Other Voltages
- IPX5 Class Protection

2 YEAR
LIMITED
WARRANTY

■ CURVES AND PERFORMANCE DATA

60 Hz RPM=3450

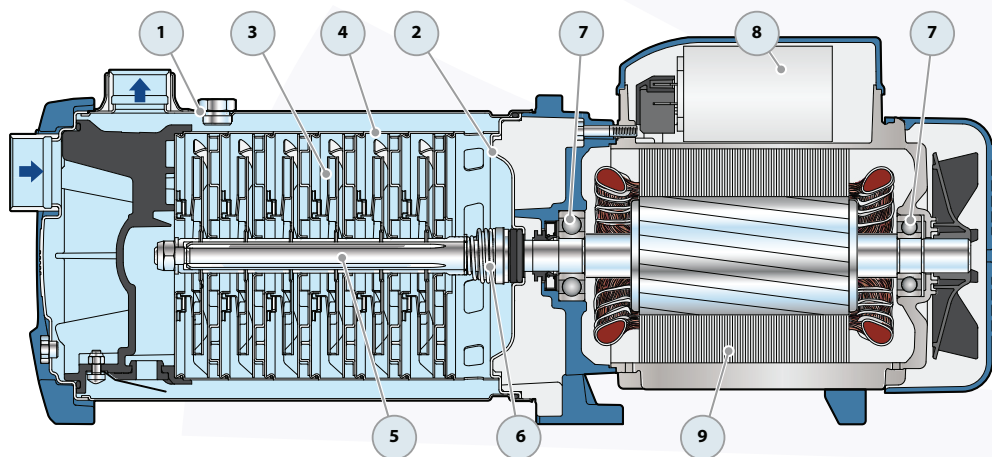


MODEL		MOTOR SIZE																	
SINGLE-PHASE	THREE-PHASE	kW	HP	EFF	GPM	0	1.3	2.6	5.3	10.6	15.8	23.8	26.4	34.3	37.0	42.3	47.6	52.8	
PLURIJETm 5/90	PLURIJETm 5/90	1.1	1.5	IE3	HEAD (FT.)	262.5	255.9	252.6	242.8	219.8	187.0	127.7	-	-	-	-	-	-	
PLURIJETm 6/90	PLURIJETm 6/90	1.5	2			315.0	308.4	301.8	288.7	262.5	226.4	147.6	-	-	-	-	-	-	-
PLURIJETm 3/130	PLURIJETm 3/130	1.1	1.50			160.8	160.8	159.1	155.8	147.6	139.4	118.1	109.9	78.7	-	-	-	-	-
PLURIJETm 4/130	PLURIJETm 4/130	1.5	2			213.2	213.2	210.0	206.7	196.8	183.7	150.9	141.1	101.7	-	-	-	-	-
PLURIJETm 5/130	PLURIJETm 5/130	1.8	2.5			265.7	265.7	264.1	259.2	246.1	229.7	193.6	177.2	127.9	-	-	-	-	-
-	PLURIJETm 6/130	2.2	3			318.2	318.2	316.6	310.0	295.3	272.3	226.4	210.0	150.9	-	-	-	-	-
PLURIJETm 3/200	PLURIJETm 3/200	1.1	1.5			144.3	142.7	142.7	141.1	137.8	132.9	121.4	114.8	95.1	90.2	75.4	59.1	42.6	
PLURIJETm 4/200	PLURIJETm 4/200	1.5	2			190.3	188.6	188.6	187.0	180.4	172.2	154.2	147.6	124.7	116.5	98.4	78.7	55.8	
PLURIJETm 5/200	PLURIJETm 5/200	1.8	2.5			239.5	236.2	234.6	232.9	226.4	214.9	193.6	185.4	157.5	146.0	124.7	98.4	72.2	
-	PLURIJETm 6/200	2.2	3			285.4	282.1	280.5	278.9	269.0	255.9	226.4	219.8	187.1	173.9	147.6	118.1	85.3	

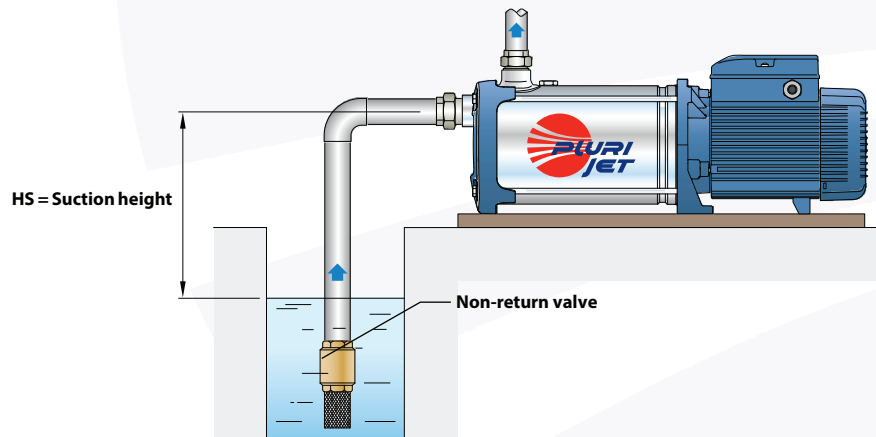
Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

CONSTRUCTION FEATURES

#	COMPONENT	CHARACTERISTICS				
1	PUMP BODY	Stainless steel AISI 316L complete with threaded ports in compliance with ISO 228/1				
2	BODY BACKPLATE	Stainless steel AISI 304				
3	IMPELLERS	Stainless steel AISI 304				
4	DIFFUSERS	Stainless steel AISI 304				
5	MOTOR SHAFT	Stainless steel AISI 304				
6	MECHANICAL SEAL	SEAL	SHAFT	MATERIALS		
		Model	Diameter	Stationary Ring	Rotational Ring	Elastomer
		FN-18	0.7 in.	Graphite	Ceramic	NBR
7	BEARINGS	6304 2RS - C3 / 6204 ZZ - C3E				
8	CAPACITOR	PUMP	CAPACITANCE			
		Single-phase	(220 V)	(110 V or 127 V)		
		PLURIJETm 5/90	31.5 μF - 450 VL	60 μF - 250 VL		
		PLURIJETm 3/130				
		PLURIJETm 3/200				
		PLURIJETm 6/90	45 μF - 450 VL	80 μF - 250 VL		
		PLURIJETm 4/130				
		PLURIJETm 4/200				
		PLURIJETm 5/130	50 μF - 450 VL	-		
PLURIJETm 5/200						
9	ELECTRIC MOTOR	PLURIJETm: Single-phase 230 V - 60 Hz with thermal overload protector incorporated into the winding. PLURIJET: Three-phase 220/380 V - 60 Hz or 230/460 V - 60 Hz. The three-phase pumps are fitted with high performance motors in class IE3 (IEC 60034-30-1) Insulation: Class F Protection: IP X4				



INSTALLATION

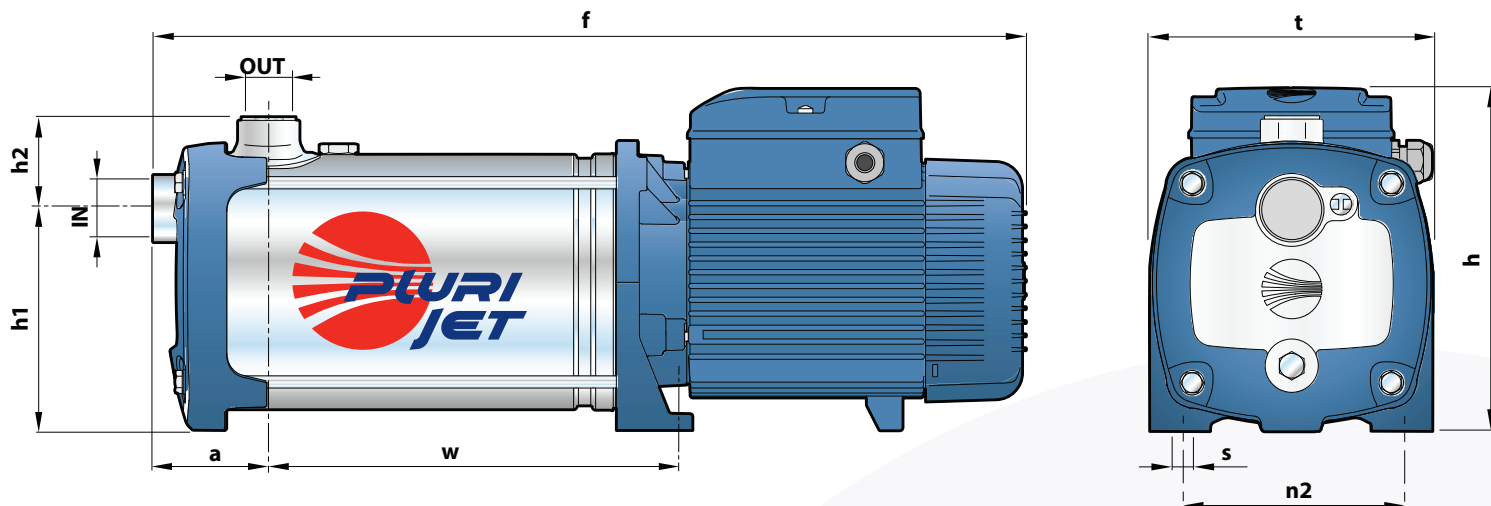


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DIMENSIONS AND WEIGHT



MODEL NUMBER		PORTS		DIMENSIONS (IN.)										LBS.	
Single-phase	Three-phase	IN	OUT	a	f	h	h1	h2	n2	t	w	s		Single-Phase	Three-phase
PLURIJETm 5/90	PLURIJETm 5/90	1-1/4 in.	1 in.	2.9	21.6	8.9	5.7	2.3	5.7	7.3	9.6	0.4		44.9	45.2
PLURIJETm 6/90	PLURIJETm 6/90				22.5						10.6			50.0	49.6
PLURIJETm 3/130	PLURIJETm 3/130				19.6						7.5			40.8	41.1
PLURIJETm 4/130	PLURIJETm 4/130				20.6						8.5			45.2	45.4
PLURIJETm 5/130	PLURIJETm 5/130				22.4						9.6			52.2	53.3
-	PLURIJETm 6/130				23.4						10.6			-	55.8
PLURIJETm 3/200	PLURIJETm 3/200				19.6						7.5			40.8	41.0
PLURIJETm 4/200	PLURIJETm 4/200				20.6						8.5			45.4	45.4
PLURIJETm 5/200	PLURIJETm 5/200				22.4						9.6			54.4	52.9
-	PLURIJETm 6/200				23.4						10.6			-	55.1

ABSORPTION

MODEL	VOLTAGE		
	115 V	230 V	127 V
Single-phase			
PLURIJETm 5/90	9.3 A	18.5 A	16.1 A
PLURIJETm 6/90	11.0 A	22.0 A	19.1 A
PLURIJETm 3/130	8.5 A	17.0 A	14.7 A
PLURIJETm 4/130	11.0 A	22.0 A	19.1 A
PLURIJETm 5/130	13.0 A	26.0 A	22.5 A
PLURIJETm 3/200	8.6 A	17.2 A	14.8 A
PLURIJETm 4/200	11.0 A	22.0 A	19.1 A
PLURIJETm 5/200	13.0 A	26.0 A	22.5 A

MODEL	VOLTAGE			
	220 V	380 V	230 V	460 V
Three-phase				
PLURIJET 5/90	7.0 A	4.0 A	5.5 A	3.5 A
PLURIJET 6/90	7.5 A	4.3 A	7.0 A	4.0 A
PLURIJET 3/130	6.0 A	3.4 A	5.2 A	3.2 A
PLURIJET 4/130	7.0 A	4.0 A	5.5 A	3.5 A
PLURIJET 5/130	9.0 A	5.2 A	8.3 A	4.8 A
PLURIJET 6/130	10.0 A	5.8 A	9.6 A	5.6 A
PLURIJET 3/200	7.0 A	4.0 A	5.5 A	3.5 A
PLURIJET 4/200	7.5 A	4.3 A	7.0 A	4.0 A
PLURIJET 5/200	9.0 A	5.2 A	8.3 A	4.8 A
PLURIJET 6/200	10.0 A	5.8 A	9.6 A	5.6 A



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