


SPECIFICATIONS

Model			ISP-50	ISP-90	ISP-250C	ISP-500C	ISP-1000E
Pumping Speed	50Hz	L/min (CFM)	50 (1.8)	90 (3.2)	250 (8.8)	500 (17.7)	1000 (35.3)
	60Hz		60 (2.1)	108 (3.8)	300 (10.6)	600 (21.2)	1200 (42.4)
Ultimate pressure		Pa (Torr)	15 (1.1x10 ⁻¹)	5 (3.7x10 ⁻²)	1.6 (1.2x10 ⁻²)	1.0 (7.5x10 ⁻³)	1.0 (7.5x10 ⁻³)
Motor output		kW	0.1	0.15	0.4	0.6	1.4
Voltage	Single phase	V	100, 115, 200, 230				-
	Three phase		-	200, 208, 230, 380, 400, 415, 460			
Noise level		dB(A)	48	52	58	62	68
Leak tightness		Pa · m3/s	1.0x10 ⁻⁷	1.0x10 ⁻⁵			
Ambient temperature		°C (°F)	5 to 40 (41 to 104)				10 to 40 (50 to 104)
Weight	Single phase	kg (lbs)	12 (27)	14 (31)	25 (55)	44 (97)	-
	Three phase		-	-	23 (51)	38 (84)	68 (150)
Water vapor capacity		g/day	3	5	25	25	25
Inlet connection		-	NW25			NW40	
Outlet connection		-	NW16			NW25	NW40
Inlet position		Vertical	✓	✓	✓	✓	✓
		Horizontal	-	-	-	✓	✓
Standards							

All pumps come standard with air flush attachment and hour meter

All single phase pumps come standard with thermal protection

AIR FLUSH

Pumping humid gas with a vacuum pump can cause condensed moisture to remain in the pump. This remaining moisture can affect the ultimate pressure as well as cause the pump to fail. In order to extend the life of the pump, we recommend utilizing the air flush to remove any moisture.

