

Specifications For Microvac Pumps

Displacement	cfm	30	50	80	100	150	300	600	728	
	m ³ /h	50	85	135	170	255	510	1020	1240	
Model No.		146H	148H	149H	149HS	212J	412J	612J	912H	
Pump Speed	rpm	800	610	490	615	500	490	490	438	
Motor	hp	1-1/2	2	3	5	7-1/2	10	10(2)	30	
	kw	1.1	1.5	2.2	3.7	5.5	7.5	7.5(2)	22	
Motor Speed	rpm	1800	1800	1800	1800	1800	1800	1800	1800	
Pipe Connections	Suction	in	2 FLG	1-1/2 FLG	2 FLG	2 FLG	3 FLG	4 FLG	6 FLG	6 FLG
		mm	51	38	51	51	76	102	153	153
	Discharge	in	1-1/4 NPT	1-1/2 NPT	1-1/2 NPT	1-1/2 NPT	2 FLG/2 NPT	3 FLG/3 NPT	3 FLG/3 NPT(2)	5 NPT
		mm	32	38	38	38	52	76	76(2)	127
	Water Inlet	in	-	-	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT(2)	1 NPT
		mm	-	-	13	13	13	13	13	25
	Water Outlet	in	-	-	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT	1/2 NPT(2)	1 NPT
		mm	-	-	13	13	13	13	13	25
Oil Capacity	gal	1/2	1-1/4	2-1/2	2-1/2	4	12	24	20	
	liters	2	5	10	10	15	46	92	76	
Weight	Net	lb	315	345	565	565	950	1750	3800	5500
		Kg	143	157	256	256	431	794	1724	2495
	Shipping	lb	390	435	675	675	1075	1975	4500	6000
		Kg	177	197	306	306	488	896	2041	2724
Height	in	30	32	38-7/8	38-7/8	43-1/2	51-3/4	56-5/8	66-1/2	
	mm	762	813	987	987	1105	1314	1438	1689	
Floor Space	in	15-1/2 x 16-3/4	19-1/8 x 20-1/8	23-1/2 x 20-1/8	23-1/2 x 20-1/8	26-1/4 x 24	40-1/4 x 25-5/8	44-3/4 x 70	50-1/2 x 39-7/8	
	mm	394 x 425	421 x 486	597 x 511	597 x 511	667 x 610	1022 x 651	1137 x 1778	1283 x 1013	
Cooling System		air	air	water	water	water	water	water	water	
Consumption, Max.	GPM	-	-	1	1	1.5	2	4	5	
	liters/min	-	-	3.8	3.8	5.7	7.6	15.2	18.9	



Oil Mist Separators for 212J & 412J Microvac Pumps

Model 291 Oil Mist Separators Designed for Use with the Above Microvac Pumps

Model 291 Oil Mist Separators trap submicron oil particles to remove oil smog and solids from pump exhaust. They also reduce air contamination. A double cleaning action filters particles as small as .03 micron. All models are closed circuit type with a replaceable element that is simple to maintain.

Selection and Dimension Chart for Oil Mist Separators

Model No.	Product Code No.	Designed for Model	Height	Diameter	Inlet/Outlet	Wt. (lb.)
291-30S	900-291-021	146H	8.7"	6"	1/4" NPT	15
291-50S	900-291-022	148H	9.9"	8"	1-1/2" NPT	20
291-100S	900-291-023	149H	13.0"	10"	1-1/2" NPT	35
291-150S	900-291-024	212H	15.5"	14"	2" NPT	60
291-150J	900-291-J24	212J	22.4"	9"	2" FLG/2" NPT	30
291-300S*	900-291-025	412H	20.4"	20"	3" NPT	100
291-300J**	900-291-J25	412J	27.5"	11"	3" FLG/3" NPT	45
291-750S	900-291-026	912H	28.1"	25"	5" FLG/5" NPT	140
291-750MB	900-291-027	612MB	28.1"	25"	5" NPT	150

*612H Requires 2 Units
**612J Requires 2 Units