

Series 1700 Mechanical Booster Pump Specifications Chart

MODEL NUMBER		1721	1721 S	1722	1722 S	1738	1738 BP	1738 HC	1738 HCBP	1738 HD	1738 HDBP
Blower Displacement	CFM	1300	1600	1300	1600	2000	2000	2000	2000	2000	2000
	M/H	2209	2781	2209	2781	3398	3398	3398	3398	3398	3398
Pump Displacement	CFM	150	150	300	300	300	300	600	600	730	730
	M/H	255	255	510	510	150	510	1020	1020	1240	1240
Pressure Switch Required		YES	YES	YES	YES	YES	NO	YES	NO	YES	NO
Normal Cut-in Pressure	Torr	15	10	25	15	10	N/A	25	N/A	40	N/A
Continuous Operation Pressure Limit	Torr	3	2	15	8	3	3	5	5	12	12
Blower Drive	HP	7.5	10	7.5	10	10	15	10	15	15	15
	KW	5.6	7.5	5.6	7.5	7.5	11.2	7.5	11.2	11.2	11.2
Microvac Drive	HP	7.5	7.5	10	10	10	10	2@10	2@10	30	30
	KW	5.6	5.6	7.5	7.5	7.5	7.5	2@7.5	2@7.5	22.4	22.4
Flanged Inlet Connection	IN	8	8	8	8	8	8	8	8	8	8
	MM	203	203	203	203	203	203	203	203	203	203
Pipe Outlet Connection	IN	2 FLG	2 FLG	3 FLG/3 NPT	3 FLG/3 NPT	3 FLG/3 NPT	3 FLG/3 NPT	3 FLG/3 NPT (2)	3 FLG/3 NPT (2)	5 FLG	5 FLG
	MM	51	51	-	-	-	-	-	-	127	127
Maximum Water Consumption	GPM	1.5	1.5	2	2	2	2	4	4	5	5
	LPM	5.7	5.7	7.6	7.6	7.6	7.6	15.1	15.1	18.9	18.9
Blower Oil Requirements	Gal.	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
	Liter	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Microvac Oil Requirements	Gal.	4	4	12	12	12	12	24	24	20	20
	Liter	15	15	45	45	45	45	91	91	76	76
Height: Overall	IN	49.63	49.63	56.63	56.63	56.63	59	56.63	59	66.5	66.5
	MM	1260	1260	1438	1438	1438	1499	1438	1499	1689	1689
To Inlet	IN	40.75	40.75	40.75	40.75	40.75	40.75	40.75	40.75	40.75	40.75
	MM	1035	1035	1035	1035	1035	1035	1035	1035	1035	1035
Length	IN	55.88	55.88	55.38	55.38	55.38	55.75	70.88	70.88	78	78
	MM	1419	1419	1407	1407	1407	1416	1800	1800	1981	1981
Width	IN	36.19	36.19	41.25	41.25	41.25	40.88	70	70	51	51
	MM	919	919	1048	1048	1048	1038	1778	1778	1295	1295
Net Weight	LB	2700	2800	3500	3600	3600	3725	5300	5400	7025	7100
	KG	1225	1270	1588	1633	1633	1690	2404	2449	3187	3221

BP = Bypass
 HC & HD = Faster pumpdown capability
 S = Higher-speed blower