THV Type Performance Table (Vacuum)

Models	Speed	-1000 mmAq		-2000 mmAq		-3000 mmAq		-3500 mmAq		-4000 mmAq		-4500 mmAq	
	R.P.M	m^3/min	kw	m^3/min	kw	m^3/min	kw	m^3/min	kw	m^3/min	kw	m^3/min	kw
THV-50	1000	1.22	0.72	1.07	1.07	0.93	1.45	0.86	1.61	0.79	1.78	0.73	1.95
	1250	1.76	0.91	1.61	1.35	1.47	1.82	1.40	2.02	1.33	2.22	1.26	2.44
	1450	2.19	1.05	2.04	1.56	1.90	2.10	1.83	2.34	1.76	2.58	1.69	2.83
	1560	2.42	1.13	2.27	1.68	2.13	2.26	2.06	2.52	1.99	2.77	1.93	3.04
	1750	2.83	1.27	2.68	1.88	2.54	2.54	2.47	2.83	2.40	3.11	2.34	3.41
THV-65	1000	2.58	1.24	2.31	1.90	2.10	2.50	2.00	2.77	1.89	3.10	1.81	3.37
	1250	3.23	1.50	2.97	2.20	2.76	2.90	2.65	3.27	2.55	3.63	2.47	3.98
	1420	3.85	1.70	3.59	2.50	3.38	3.31	3.27	3.75	3.17	3.75	3.09	4.55
	1550	4.30	1.80	4.03	2.70	3.82	3.61	3.72	4.09	3.61	4.20	3.53	4.97
	1750	4.99	2.10	4.72	3.10	4.51	4.10	4.40	4.62	4.30	4.54	4.22	5.61
THV-80	1150	5.11	1.8	4.55	2.9	4.03	3.9	3.83	4.5	3.61	5.0	3.42	5.5
	1300	6.12	2.0	5.51	3.2	4.98	4.4	4.71	5.0	4.43	5.6	4.19	6.2
	1450	7.09	2.2	6.43	3.6	5.81	5.0	5.51	5.6	5.12	6.3	4.99	6.9
	1600	7.98	2.5	7.31	4.0	6.64	5.5	6.37	6.2	6.04	6.9	5.78	7.7
	1750	8.85	2.7	8.23	4.4	7.54	6.0	7.24	6.8	6.92	7.6	6.61	8.4
THV-100	1150	8.54	2.7	8.08	4.1	7.62	5.6	7.42	6.3	7.23	7.1	6.9	7.9
	1300	9.65	3.0	9.14	4.6	8.62	6.3	8.39	7.1	8.17	8.1	7.8	8.9
	1450	10.80	3.4	10.20	5.2	9.61	7.1	9.36	7.9	9.11	9.0	8.7	9.9
	1600	11.9	3.7	11.2	5.7	10.6	7.8	10.3	8.7	10.1	9.9	9.6	11.0
	1750	13.0	4.1	12.3	6.2	11.6	8.5	11.3	9.6	11.0	10.8	10.5	12.0
THV-125	970	11.0	3.4	9.8	5.6	8.7	7.9	8.2	9.0	7.8	10.1	7.3	11.3
	1150	13.5	4.0	12.4	6.7	11.3	9.3	10.8	10.7	10.4	12.0	9.8	13.4
	1300	15.6	4.5	14.5	7.5	13.4	10.5	12.9	12.1	12.5	13.6	12.0	15.1
	1450	17.7	5.0	16.6	8.4	15.5	11.7	14.9	13.5	14.5	15.2	14.1	16.9
	1600	19.8	5.5	18.7	9.3	17.5	13.0	17.0	14.9	16.6	16.7	16.2	18.6
THV-125A	970	14.0	4.3	12.7	7.2	11.5	10.0	11.0	11.5	10.4	12.9	9.7	14.2
	1150	17.2	5.0	15.9	8.5	14.7	11.9	14.2	13.6	13.6	15.3	13.0	16.8
	1300	19.9	5.7	18.5	9.6	17.3	13.4	16.8	15.4	16.2	17.3	15.6	19.0
	1450	22.5	6.4	21.2	10.7	20.0	15.0	19.5	17.1	18.9	19.2	18.3	21.2
	1600	25.2	7.0	23.9	11.8	22.6	16.5	22.1	18.9	21.5	21.2	20.9	23.4
THV-150	970	16.8	4.9	15.3	8.4	13.9	11.8	13.2	13.5	12.6	15.2	11.8	17.0
	1150	20.6	5.8	19.0	9.9	17.6	14.0	17.0	16.0	16.4	18.0	15.6	20.1
	1300	23.7	6.6	22.2	11.2	20.8	15.8	20.1	18.1	19.5	20.4	18.7	22.7
	1450	26.9	7.4	25.3	12.5	23.9	17.6	23.3	20.2	22.7	22.7	21.9	25.3
	1600	30.0	8.1	28.5	13.8	27.1	19.5	26.4	22.3	25.8	25.1	25.0	28.0
THV-150A	850	24.9	7.1	23.1	12.0	21.6	16.9	20.8	19.3	20.0	21.7	19.1	24.1
	1000	29.1	8.2	27.4	13.8	25.9	19.4	25.1	22.2	24.3	25.0	23.3	27.8
	1150	33.4	9.3	31.7	15.6	30.1	21.9	29.3	25.1	28.5	28.3	27.6	31.4
	1250	36.6	10.4	33.9	17.6	31.7	24.8	30.5	28.3	29.4	31.9	28.0	35.4
	1400	41.0	11.6	38.0	19.7	35.5	27.8	34.2	31.7	32.9	35.7	31.4	39.6
THV-200	880	30.1	8.0	29.0	13.4	27.8	19.0	27.3	21.9	26.9	24.7	26.4	27.5
	950	32.5	8.7	31.3	14.6	30.1	20.6	29.5	23.7	29.1	26.7	28.5	29.7
	1050	36.0	9.5	34.6	16.1	33.2	22.8	32.6	26.2	32.1	29.4	31.5	32.8
	1150	39.4	10.5	37.9	17.7	36.4	25.0	35.7	28.7	35.2	32.3	34.5	35.9
	1230	42.1	11.2	40.5	19.0	38.9	26.7	38.2	30.7	37.6	34.5	36.9	38.4
THV-250	880	46.9	11.7	45.3	20.3	43.8	28.9	43.1	33.1	42.4	37.5	41.6	41.8
	950	50.7	12.7	49.0	22.0	47.3	31.2	46.6	35.8	45.8	40.5	45.0	45.2
	1050	56.1	14.0	54.2	24.3	52.3	34.4	51.5	39.6	50.7	44.8	49.7	50.0
	1150	61.4	15.4	59.3	26.6	57.2	37.7	56.4	43.4	55.5	49.0	54.5	54.2
	1230	65.7	16.4	63.5	28.4	61.2	40.3	60.3	46.4	59.4	52.4	58.2	58.5
THV-300	730	52.8	15.7	50.8	27.4	49.2	39.1	48.5	45.0	47.8	50.8	47.2	56.7
	800	58.4	17.1	56.4	29.9	54.8	42.6	54.1	49.0	53.4	55.4	52.7	61.8
	880	64.8	18.8	62.8	32.8	61.1	46.7	60.4	53.7	59.7	60.7	59.0	67.7
	980	72.9	20.7	70.9	36.2	69.2	51.4	68.5	59.2	67.8	66.9	67.1	74.6
	1080	81.1	22.9	79.1	39.9	77.4	56.7	76.7	65.3	76.0	73.8	75.3	82.3
	1180	89.3	25.0	87.3	43.6	85.6	62.0	84.9	71.3	84.1	80.6	83.4	89.9
THV-300A	650	74.8	21.9	72.2	39.1	69.9	55.2	69.0	63.9	68.1	72.5	67.2	81.1
	730	85.2	24.2	82.6	43.7	80.4	62.1	79.5	71.3	78.6	80.5	77.8	90.3
	800	94.4	26.5	91.8	47.2	89.7	67.9	88.8	78.3	87.8	88.6	87.0	99.0
	880	105.3	29.9	102.6	51.8	100.3	74.8	99.4	81.7	98.4	97.8	97.5	109.3
	980	117.8	33.4	115.5	58.7	113.4	82.8	111.5	96.1	109.6	109.3	107.7	122.0

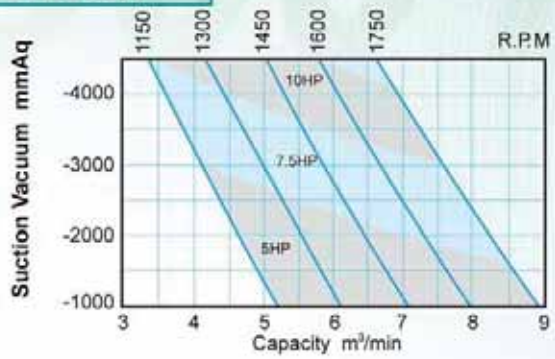
THV Type Performance Curve (Vacuum)

THV Type (Vacuum)

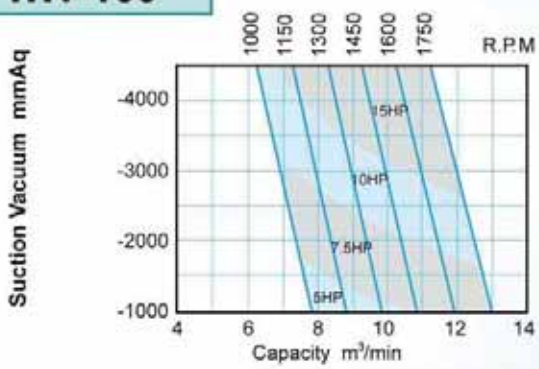
Vacuum Pressure: 0~-4500 mmAq

Power: 2~250 HP

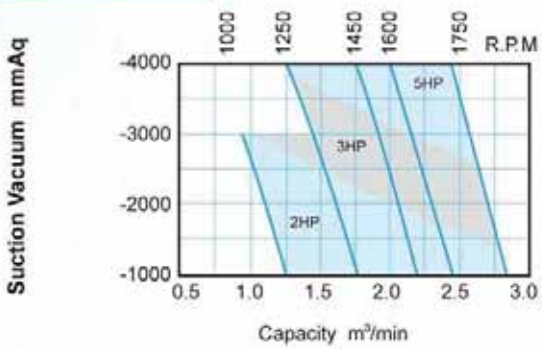
THV-80



THV-100



THV-50



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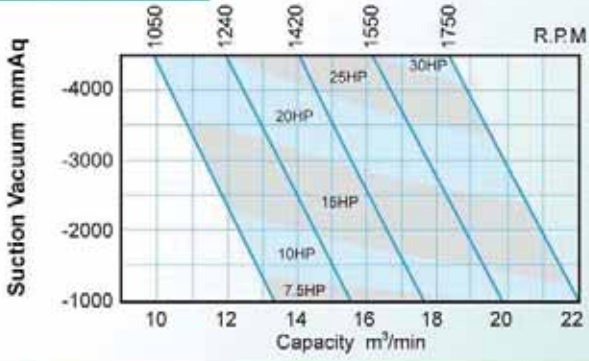
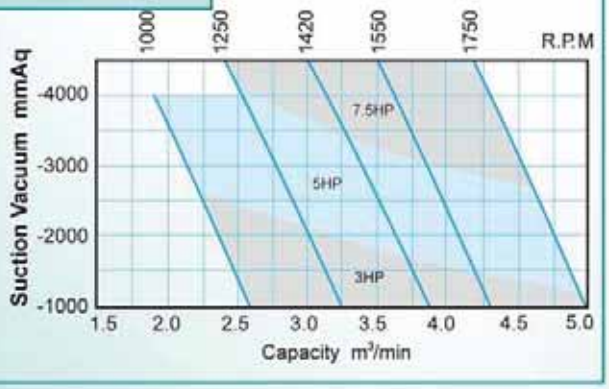
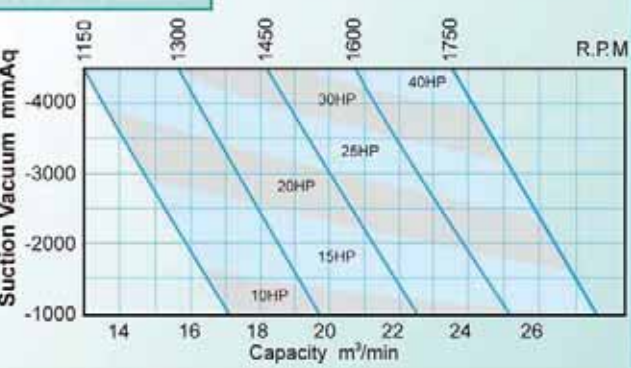


THV-65

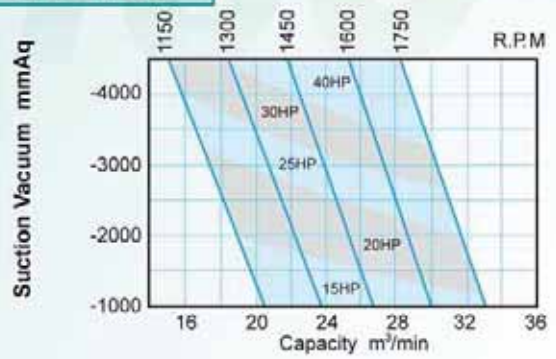


THV-125A

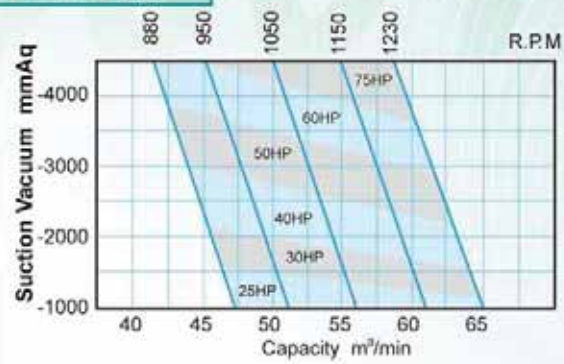


THV Type Performance Curve (Vacuum)

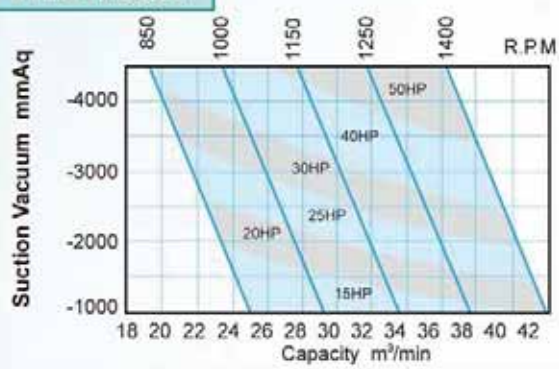
THV-150



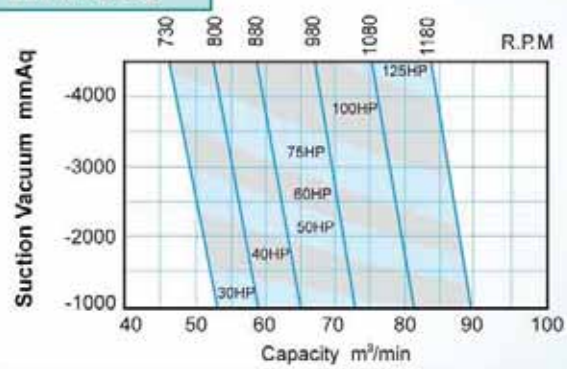
THV-250



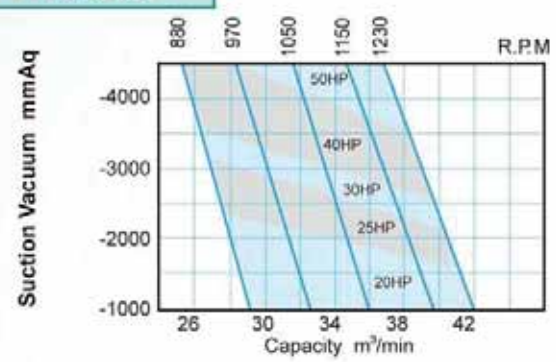
THV-150A



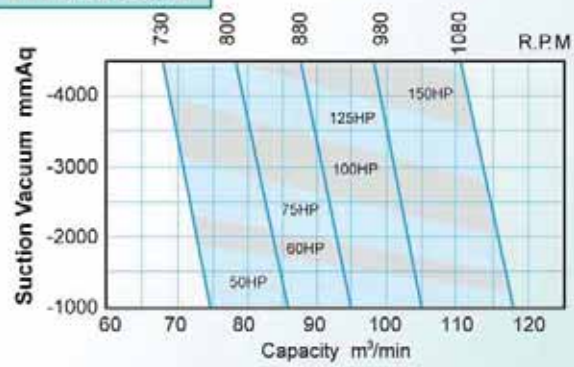
THV-300



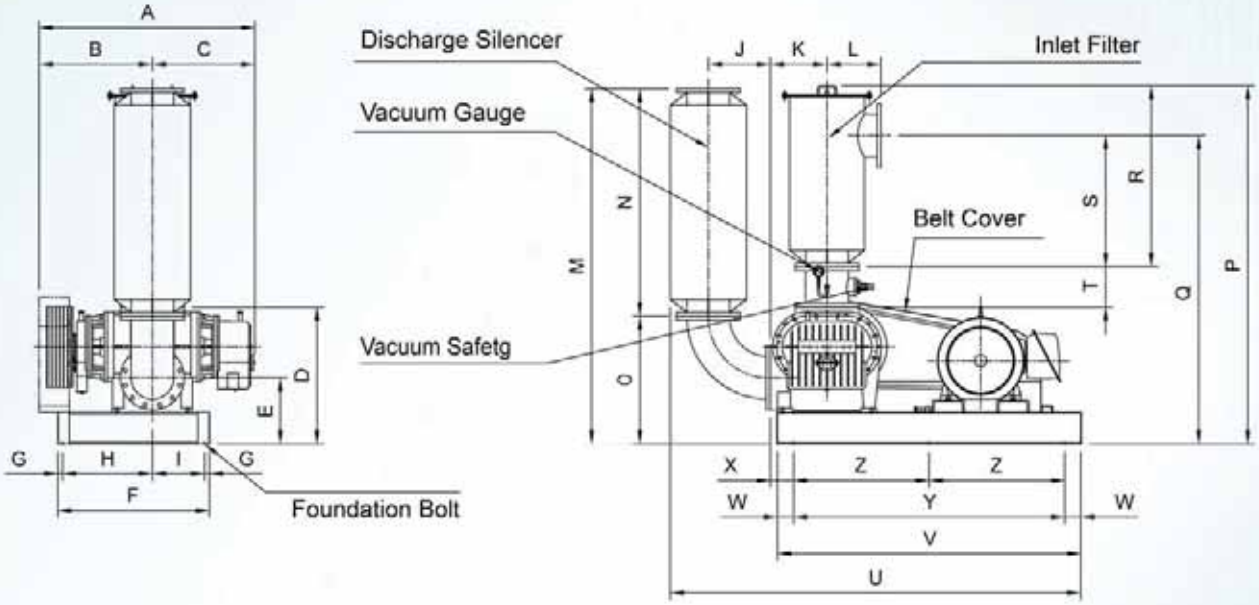
THV-200



THV-300A



THV Type Dimension Drawing



Models	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	W1	W2
THV-50	565	303	262	342	175	470	18	285	149	110	150	221	1073	788	285	1022	843	520	341	160	929	700	50	81	600		76	140
THV-65	658	346	312	342	175	470	18	328	106	120	150	223	1086	791	295	1125	934	623	432	160	963	700	50	81	600		94	169
THV-80	711	390	321	415	183	470	18	247	187	125	179	223	1100	792	308	1323	1102	721	500	187	1166	900	100	129	700		151	234
THV-100	807	435	372	426	196	470	18	292	142	162	179	243	1153	797	356	1335	1114	772	501	187	1229	900	100	129	700		168	270
THV-125	813	420	393	530	230	600	22	258	298	212	235	285	1862	1422	440	1546	1293	814	561	202	1514	1100	100	138	900		290	459
THV-125A	893	460	433	530	230	600	22	298	258	212	235	285	1862	1422	440	1546	1293	814	561	202	1514	1100	100	138	900		311	480
THV-150	991	503	488	545	245	600	22	340	216	252	235	285	1921	1425	496	1563	1310	816	563	202	1554	1100	100	138	900		352	530
THV-150A	1066	555	511	628	275	600	25	395	155	252	295	285	1951	1425	526	1646	1393	817	564	201	1872	1400	100	155	1200		580	789
THV-200	1171	624	547	860	380	950	30	477	413	312	355	337	2116	1425	691	1908	1655	846	593	202	2500	1900	100	145		850	812	1193
THV-250	1352	710	642	860	415	950	30	563	327	388	355	339	2231	1429	802	2250	1937	1138	825	252	2577	1900	100	145		850	941	1369
THV-300	1531	797	734	915	432	950	30	590	300	465	355	339	2325	1429	896	2355	2042	1138	825	302	2728	1900	100	145		850	1026	1536
THV-300A	1402	747	655	995	435	1300	30	721	519	465	450	339	2328	1430	898	2435	2122	1138	825	302	3040	2200	150	208	1900		1575	2125

W1 : Weight of main body only. (Kg)

W2 : Weight of main body and all accessories which include Inlet Filter, Bast Plate T-Joint, Vacuum Safety Valve Discharge Silencer, Belt Cover, 90° Joint, doesn't include motor. (Kg)