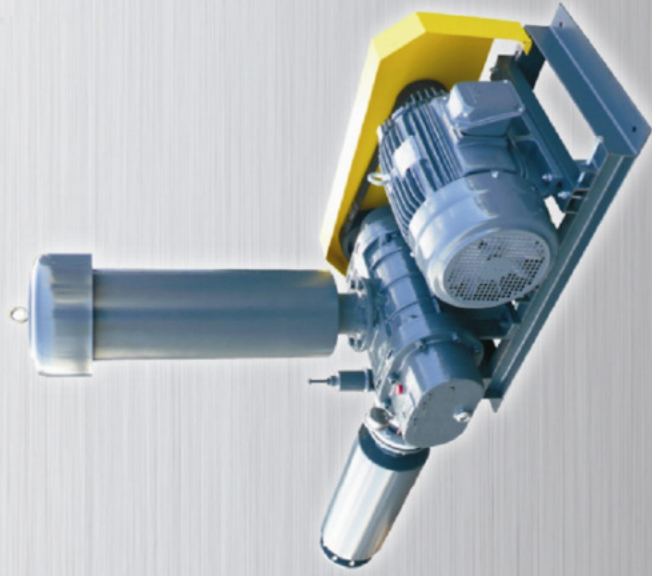




HEY-WEL MECHANICAL CO.,LTD.



<http://www.heywel.com.vn>

<http://www.aeroflow-rootsblower.com>

Email: heywel@outlook.com

RSS PERFORMANCE TABLE

NOTE : inlet flow rate Q_s=m³/min

Model	RPM	Type RSS-32 performance															
		1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw
RSS-32	1500	0.50	0.26	0.46	0.34	0.42	0.38	0.50	0.34	0.58	0.30	0.66	/	/	/	/	/
	1750	0.58	0.31	0.54	0.40	0.49	0.45	0.58	0.41	0.67	0.37	0.76	/	/	/	/	/
	2000	0.66	0.35	0.61	0.46	0.56	0.56	0.66	0.46	0.77	0.41	0.87	/	/	/	/	/
	2300	0.76	0.40	0.70	0.52	0.64	0.58	0.76	0.52	0.88	0.46	1.00	/	/	/	/	/
	2600	0.88	0.64	0.82	0.76	0.76	0.88	0.70	1.00	0.64	1.12	0.58	1.24	/	/	/	/
	3000	1.02	0.92	0.96	1.04	0.90	1.16	0.84	1.28	0.78	1.40	0.72	1.52	/	/	/	/

Model	RPM	Type RSS-40 performance															
		1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw
RSS-40	850	1.02	0.23	0.85	0.47	0.67	0.70	0.46	0.94	0.23	1.17	/	/	/	/	/	
	950	1.18	0.26	1.01	0.53	0.83	0.79	0.64	1.05	0.44	1.31	/	/	/	/	/	
	1050	1.33	0.29	1.16	0.58	0.99	0.87	0.81	1.16	0.62	1.45	/	/	/	/	/	
	1150	1.49	0.32	1.32	0.64	1.14	0.95	0.95	1.27	0.76	1.59	/	/	/	/	/	
	1250	1.64	0.35	1.47	0.69	1.30	1.04	1.14	1.38	0.98	1.73	0.82	2.07	0.67	2.42	0.52	2.76
	1350	1.80	0.37	1.62	0.75	1.46	1.12	1.31	1.49	1.17	1.87	1.04	2.24	0.93	2.61	0.82	2.99
	1450	1.96	0.40	1.78	0.80	1.61	1.20	1.47	1.60	1.35	2.00	1.26	2.40	1.17	2.81	1.11	3.21
	1550	2.11	0.43	1.93	0.86	1.77	1.29	1.63	1.71	1.51	2.14	1.41	2.57	1.33	3.00	1.26	3.43
	1650	2.27	0.46	2.08	0.91	1.92	1.37	1.78	1.82	1.66	2.28	1.57	2.74	1.48	3.19	1.42	3.65
	1750	2.42	0.48	2.24	0.97	2.08	1.45	1.94	1.93	1.82	2.42	1.72	2.90	1.64	3.39	1.57	3.87
	1850	2.58	0.51	2.39	1.02	2.23	1.53	2.09	2.05	1.97	2.56	1.88	3.07	1.79	3.58	1.73	4.09
	1950	2.73	0.54	2.55	1.08	2.39	1.62	2.25	2.16	2.13	2.70	2.03	3.23	1.95	3.77	1.88	4.31

Model	RPM	Type RSS-50 performance															
		1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw
RSS-50	850	1.60	0.44	1.37	0.87	1.18	1.29	1.02	1.70	0.88	2.09	0.76	2.48	0.67	2.86	0.60	3.06
	950	1.87	0.50	1.64	0.98	1.45	1.44	1.29	1.90	1.15	2.34	1.03	2.78	0.94	3.19	0.87	3.61
	1050	2.13	0.55	1.90	1.08	1.71	1.60	1.55	2.10	1.41	2.59	1.29	3.06	1.20	3.53	1.13	3.99
	1150	2.40	0.60	2.17	1.19	1.98	1.75	1.82	2.30	1.68	2.84	1.56	3.36	1.47	3.87	1.40	4.35
	1250	2.67	0.66	2.44	1.29	2.25	1.90	2.09	2.50	1.95	3.08	1.83	3.65	1.74	4.21	1.67	4.75
	1350	2.93	0.71	2.70	1.39	2.51	2.06	2.35	2.70	2.21	3.33	2.09	3.94	2.00	4.54	1.93	5.13
	1450	3.20	0.76	2.97	1.50	2.78	2.21	2.62	2.90	2.48	3.57	2.36	4.23	2.27	4.88	2.20	5.51
	1550	3.47	0.81	3.24	1.60	3.05	2.36	2.89	3.10	2.75	3.82	2.63	4.52	2.54	5.22	2.47	5.89
	1650	3.74	0.86	3.51	1.70	3.32	2.51	3.16	3.30	3.02	4.07	2.90	4.82	2.81	5.55	2.74	6.27
	1750	4.01	0.91	3.78	1.80	3.59	2.66	3.43	3.50	3.29	4.31	3.17	5.11	3.08	5.89	3.01	6.65
	1850	4.28	0.97	4.05	1.91	3.86	2.82	3.70	3.70	3.56	4.56	3.44	5.40	3.35	6.23	3.28	7.03
	1950	4.55	1.02	4.32	2.01	4.13	2.97	3.97	3.90	3.83	4.80	3.71	5.69	3.62	6.56	3.55	7.41

Model	RPM	Type RSS-65 performance															
		1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw
RSS-65	850	2.17	0.61	1.99	1.20	1.80	1.76	1.63	2.30	1.49	2.81	1.36	3.31	1.25	3.79	1.15	4.26
	950	2.53	0.69	2.35	1.35	2.16	1.96	1.99	2.57	1.85	3.14	1.72	3.70	1.60	4.24	1.51	4.76
	1050	2.88	0.75	2.70	1.48	2.51	2.17	2.34	2.84	2.20	3.47	2.07	4.09	1.96	4.69	1.86	5.27
	1150	3.24	0.83	3.06	1.62	2.87	2.37	2.70	3.10	2.56	3.80	2.43	4.48	2.32	5.14	2.22	5.77
	1250	3.60	0.90	3.42	1.77	3.23	2.58	3.06	3.38	2.92	4.13	2.79	4.87	2.68	5.58	2.58	6.27
	1350	3.96	0.97	3.78	1.91	3.59	2.79	3.42	3.65	3.28	4.46	3.15	5.26	3.04	6.03	2.94	6.77
	1450	4.32	1.05	4.14	2.04	3.95	3.00	3.78	3.92	3.64	4.79	3.51	5.65	3.40	6.47	3.30	7.27
	1550	4.68	1.12	4.50	2.19	4.31	3.21	4.14	4.19	4.00	5.12	3.87	6.04	3.76	6.92	3.66	7.77
	1650	5.04	1.19	4.86	2.33	4.67	3.41	4.50	4.46	4.36	5.46	4.23	6.43	4.12	7.37	4.02	8.27
	1750	5.40	1.26	5.22	2.47	5.03	3.62	4.86	4.73	4.72	5.79	4.59	6.82	4.48	7.82	4.38	8.77
	1850	5.76	1.34	5.58	2.61	5.39	3.83	5.22	5.00	5.08	6.12	4.95	7.21	4.84	8.26	4.74	9.28
	1950	6.12	1.41	5.94	2.76	5.75	4.04	5.58	5.27	5.44	6.45	5.31	7.60	5.20	8.71	5.10	9.79

Model	RPM	Type RSS-80 performance															
		1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw	Q _s	kw
RSS-80	800	3.83	1.09	3.38	2.08	2.98	2.99	2.62	3.82	2.31	4.59	2.03	5.31	1.79	5.97	1.57	6.70
	900	4.43	1.22	3.98	2.34	3.58	3.36	3.22	4.30	2.91	5.17	2.63	5.97	2.39	6.72	2.17	7.52
	1000	5.03	1.36	4.58	2.60	4.19	3.73	3.82	4.77	3.51	5.74	3.23	6.63	2.99	7.47	2.77	8.35
	1100	5.63	1.49	5.18	2.85	4.79	4.11	4.43	5.25	4.12	6.32	3.83	7.30	3.59	8.21	3.37	9.17
	1200	6.23	1.63	5.78	3.11	5.39	4.48	5.03	5.73	4.72	6.89	4.43	7.96	4.19	8.96	3.97	9.99
	1300	6.83	1.76	6.38	3.37	5.99	4.85	5.63	6.21	5.32	7.47	4.82	8.62	4.79	9.70	4.57	10.82
	1400	7.43	1.90	6.98	3.63	6.59	5.23	6.23	6.69	5.92	8.04	5.64	9.29	5.39	10.45	5.17	11.64
	1500	8.03	2.03	7.58	3.89	7.19	5.60	6.83	7.17	6.52	8.61	6.24	9.95	5.99	11.20	5.77	12.46
	1600	8.63	2.17	8.18	4.15	7.79	5.97	7.43	7.64	7.12	9.19	6.84	10.61	6.59	11.94	6.37	13.29
	1650	8.93	2.24	8.48	4.28	8.09	6.16	7.73	7.88	7.42	9.47	7.14	10.95	6.89	12.32	6.67	13.70
	1750	9.53	2.38	9.09	4.54	8.69	6.53	8.33	8.36	8.02	10.04	7.74	11.61	7.49	13.06	7.27	14.52
	1850	10.13	2.52	9.69	4.80	9.29	6.90	8.93	8.83	8.62	10.62	8.34	12.28	8.09	13.81	7.87	15.34
1950	10.73	2.65	10.29	5.06	9.89	7.28	9.53	9.31	9.22	11.19	8.94	12.94	8.69	14.56	8.47	16.16	

RSS PERFORMANCE TABLE

NOTE : inlet flow rate Qs=m³/min

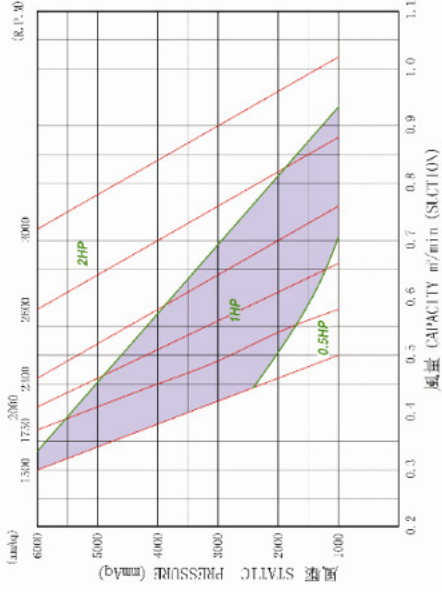
Model	RPM	Type RSS-300 performance															
		1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw
RSS-300	600	72.16	16.96	69.33	30.43	67.10	43.80	64.99	57.52	63.17	70.07	61.59	84.13	60.01	95.88	58.42	109.07
	700	85.55	19.78	82.72	35.49	80.49	51.09	78.38	67.09	76.56	81.74	74.98	98.11	73.40	111.82	71.81	127.38
	800	98.94	22.60	96.11	40.56	93.88	58.38	91.77	76.69	89.95	94.00	88.37	112.10	86.79	127.76	85.20	144.79
	900	112.33	25.42	109.50	45.62	107.27	65.65	105.16	86.22	103.34	105.50	101.76	126.08	100.18	143.70	98.59	163.73
	1000	125.72	28.24	122.89	50.69	120.66	72.93	118.55	95.82	116.73	116.70	115.15	140.12	113.57	159.69	111.98	180.87
	1100	139.05	31.06	136.28	55.76	134.05	80.22	131.94	105.36	130.12	128.37	128.54	153.87	126.95	175.63	125.37	198.18
	1200	152.44	33.89	149.67	60.83	147.44	87.51	145.32	114.96	143.51	140.04	141.93	168.08	140.34	191.57	138.76	215.37
	1300	165.82	36.71	163.06	65.89	160.83	94.79	158.71	124.53	156.90	151.70	155.32	182.08	153.73	207.51	152.15	232.61
	1400	179.20	39.53	176.45	70.96	174.22	102.08	172.10	134.11	170.29	163.36	168.71	196.07	167.12	223.46	165.54	250.12

Model	RPM	Type RSS-350 performance															
		1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw
RSS-350	600	113.86	26.45	109.57	47.50	106.22	67.72	103.06	89.11	100.36	109.17	98.03	130.69	95.70	149.35	93.38	173.50
	700	134.90	30.88	130.61	55.39	127.26	79.11	124.10	104.02	121.40	127.51	119.07	152.57	116.74	174.40	114.41	202.64
	800	155.94	35.31	151.65	63.30	148.30	91.17	145.14	118.96	142.44	145.75	140.11	174.47	137.78	199.45	135.45	232.32
	900	176.97	39.74	172.69	73.20	169.34	102.05	166.18	133.82	163.48	164.10	161.15	196.35	158.82	224.49	156.49	260.83
	1000	198.01	44.17	193.73	79.10	190.38	114.04	187.22	148.76	184.52	182.44	182.19	218.28	179.86	249.62	177.53	289.96
	1100	218.96	48.60	214.77	87.00	211.42	125.49	208.26	163.66	205.56	200.78	203.23	239.98	200.90	274.67	198.57	318.90
	1200	240.00	53.00	235.81	94.90	232.46	136.95	229.29	178.60	226.59	219.14	224.27	262.05	221.94	299.72	219.61	347.60
	1300	261.02	57.40	256.85	102.80	253.50	148.39	250.33	193.47	247.63	237.44	245.31	283.95	242.98	324.77	240.65	376.30
	1400	282.05	61.80	277.89	110.70	274.54	159.85	271.37	208.40	268.67	255.77	266.35	305.84	264.02	349.83	261.69	405.00

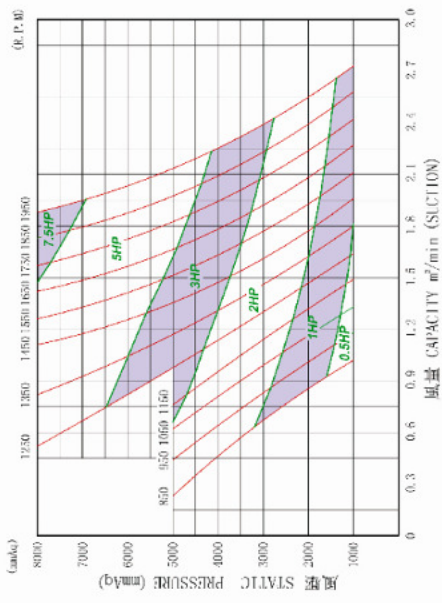
Model	RPM	Type RSS-400 performance															
		1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw
RSS-400	600	132.68	30.77	127.69	55.24	123.78	79.50	120.09	104.41	116.95	127.18	114.23	152.71	111.52	174.03	109.13	202.14
	700	157.19	35.90	152.20	64.44	148.30	92.76	144.61	121.80	141.46	148.40	138.75	178.12	136.04	203.00	133.64	235.85
	800	181.71	41.03	176.72	73.65	172.82	106.00	169.13	139.25	165.98	169.51	163.27	203.54	160.56	231.97	158.16	269.45
	900	206.23	46.16	201.24	86.09	197.33	119.22	193.64	156.58	190.50	190.72	187.79	228.95	185.07	260.94	182.68	303.15
	1000	230.75	51.28	225.76	92.07	221.85	132.46	218.16	174.03	215.02	211.94	212.30	254.48	209.59	290.01	207.20	336.86
	1100	255.15	56.41	250.27	101.27	246.37	145.71	242.68	191.37	239.53	233.15	236.82	279.46	234.11	318.98	231.72	370.57
1200	279.67	61.55	274.79	110.49	270.88	158.95	267.20	208.81	264.05	254.37	261.34	305.31	258.63	347.95	256.24	404.28	

RSS PERFORMANCE CHART

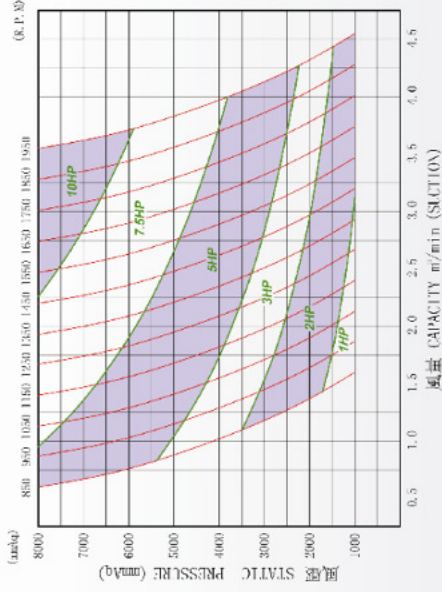
RSS-32



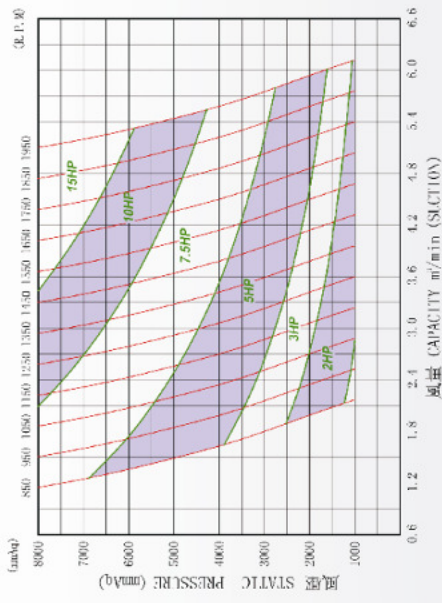
RSS-40



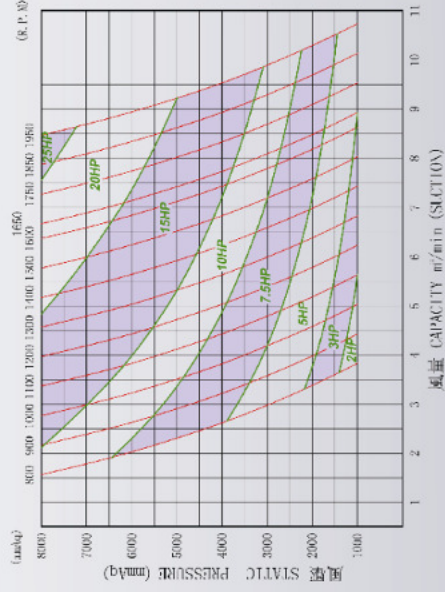
RSS-50



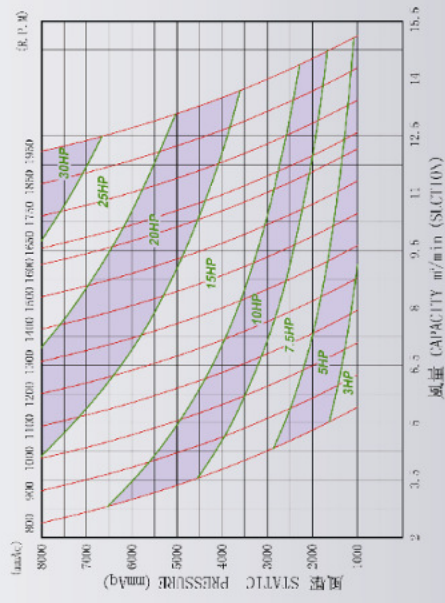
RSS-65



RSS-80

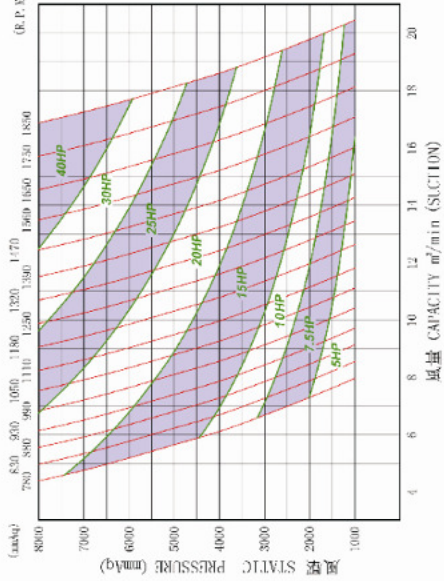


RSS-100

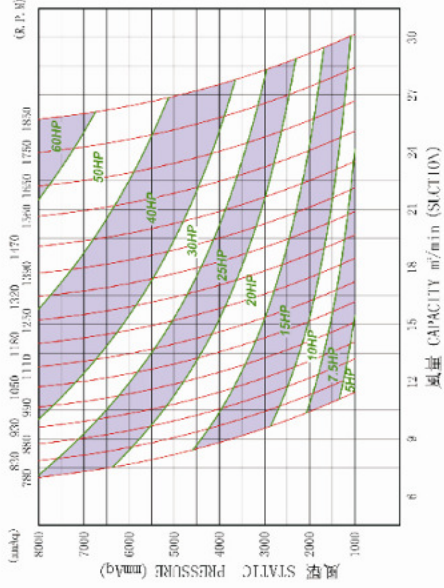


RSS PERFORMANCE CHART

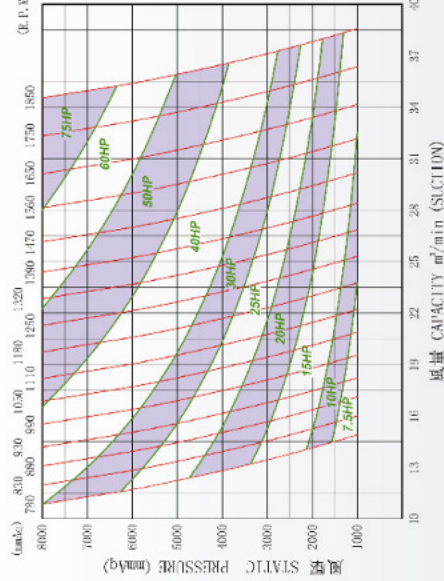
RSS-125A



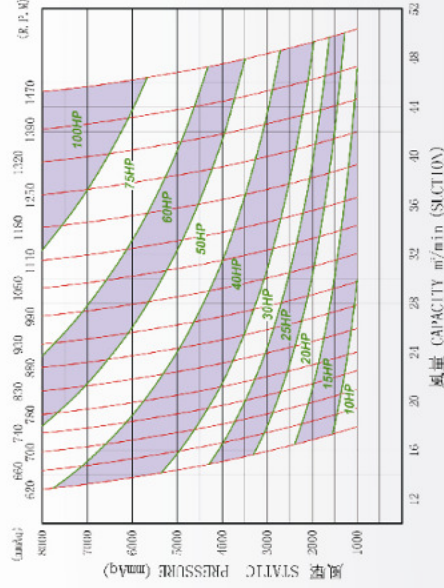
RSS-125



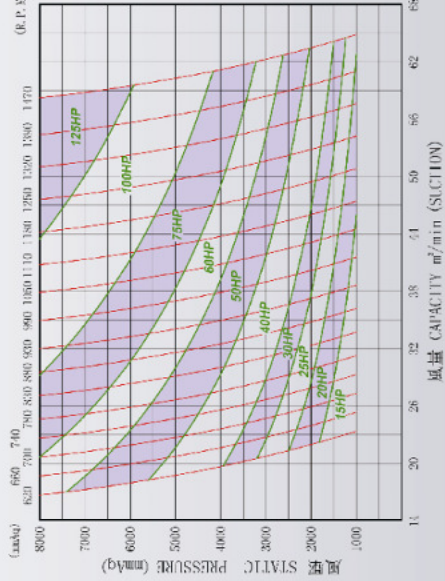
RSS-150



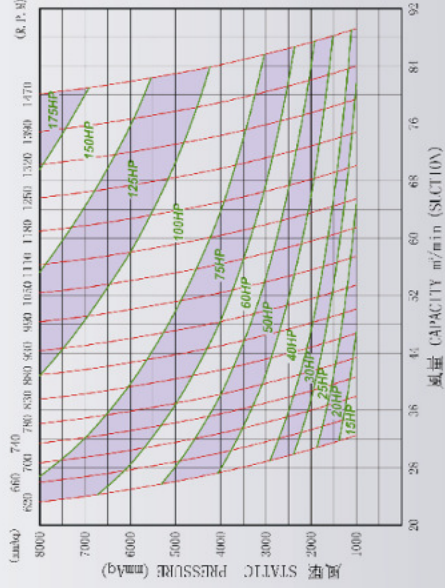
RSS-200A



RSS-200

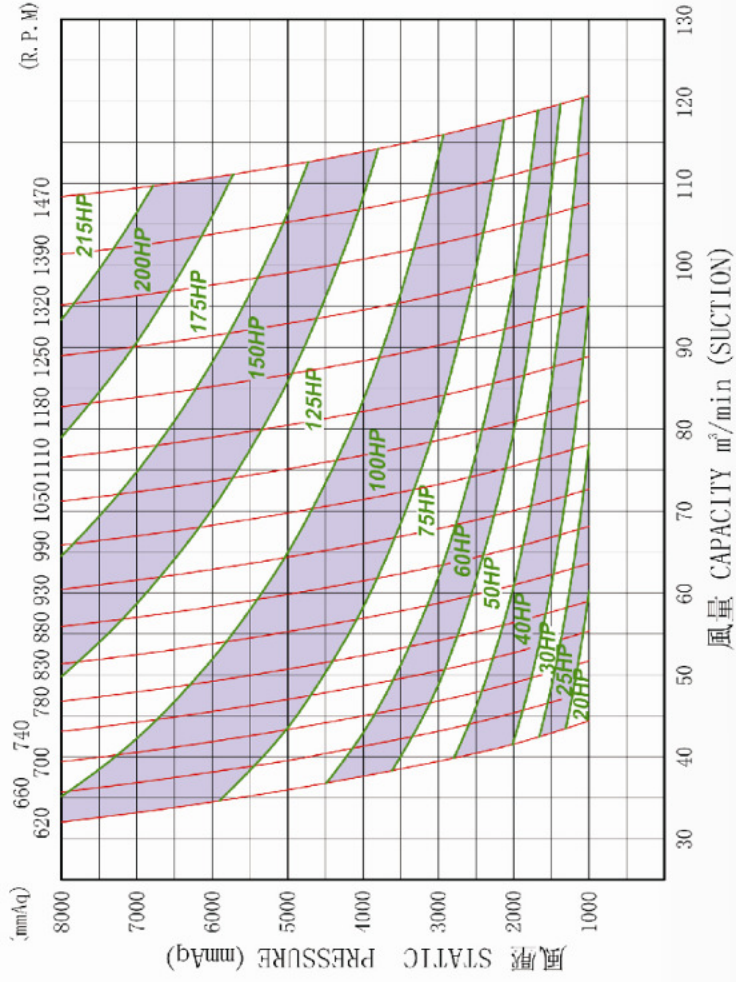


RSS-250

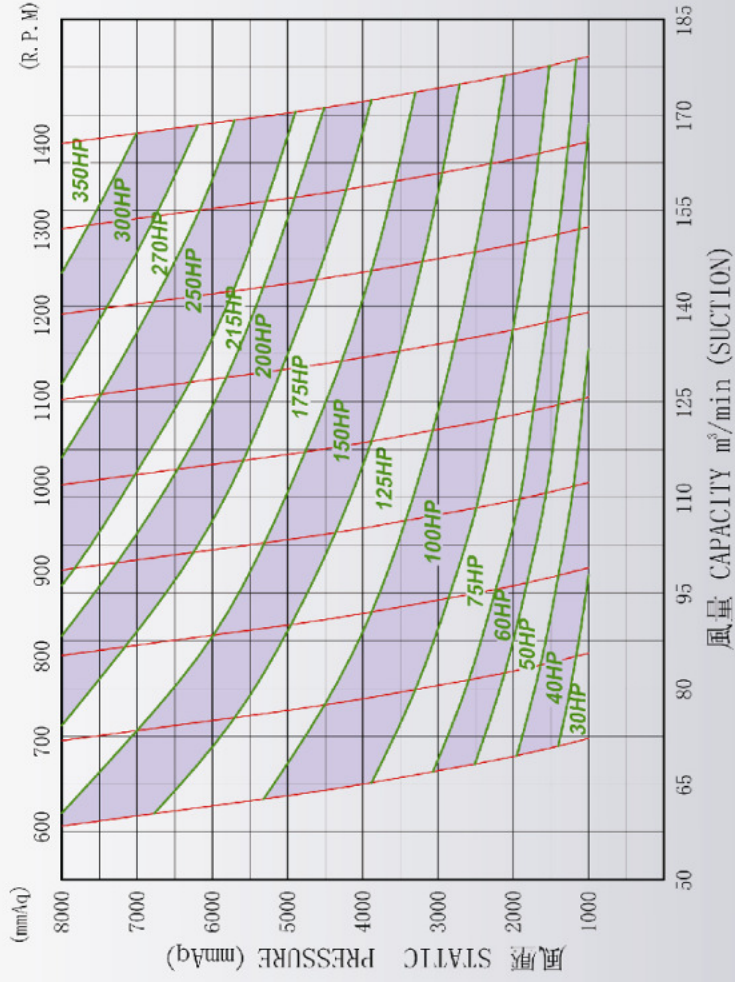


RSS PERFORMANCE CHART

RSS-300A

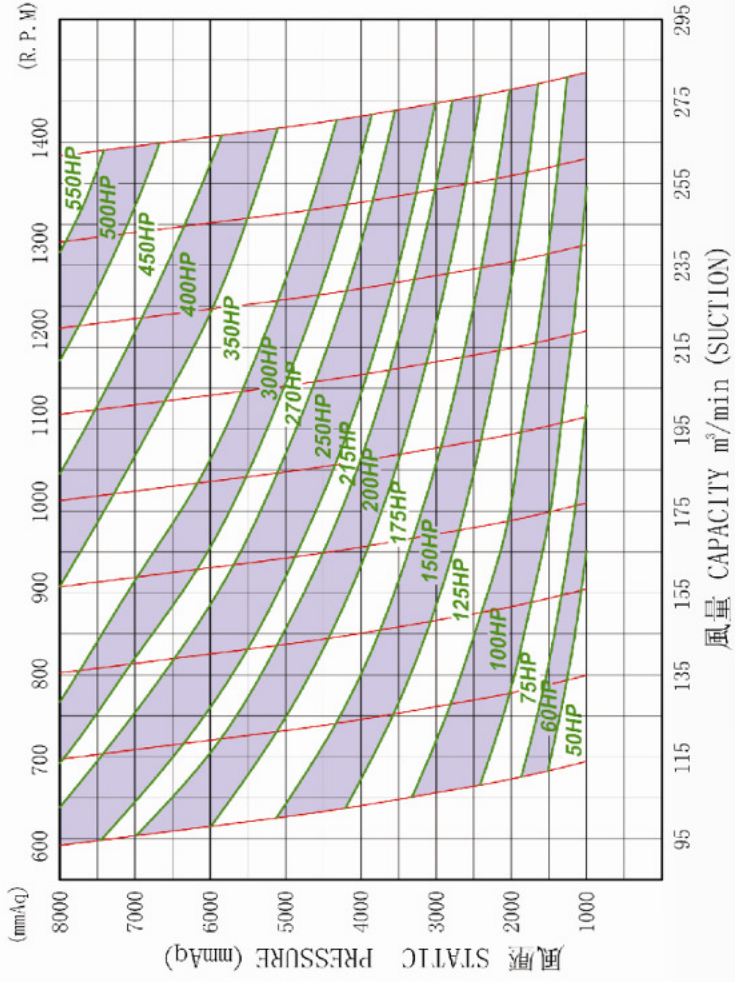


RSS-300



RSS PERFORMANCE CHART

RSS-350



RSS 400

