

Single-stage side channel blower with air flow max. to 1344 m<sup>3</sup>/hr and air pressure max. to 430mbar.

Two-stage side channel blower ( high pressure ) with air flow max. to 654 m<sup>3</sup>/hr and air pressure max. to 780mbar.

Two-stage side channel blower ( large flow ) with air flow max. to 990 m<sup>3</sup>/hr and air pressure max. to 270mbar.

## Technical Data for 60Hz IP54 3Phase ( 1Phase )

Type No.	Curve No.	Output (Kw)	Stock Voltage Δ / Y (U1, V1, W1 U2, V2, W2)	Maximum Air Flow m <sup>3</sup> /min	Security top limit Vacuum / Pressure (mbar)	Noise Level (dB)	Weight (Kg)	
RS-1002	21S	0.2		1.0	70 / 70	55	6.5	
RS-1002-1	21S	0.2		1.0	70 / 70	55	6.5	
RS-1002L	21S	0.2		1.0	70 / 70	55	6.5	
RS-1003	22S	0.25		1.0	75 / 80	55	6.5	
RS-1003-1	22S	0.25		1.0	75 / 80	55	6.5	
RS-2005	31S	0.5		220 / 380	1.7	140 / 170	61	11
RS-2005-1	31S	0.5		230 / 400	1.7	140 / 170	61	11.5
RS-2005L	32S	0.5		240 / 415	1.7	140 / 170	61	11.5
RS-2005L-1	32S	0.5		220-265 / 380-460	1.7	140 / 170	61	12
RS-3009	41S	0.85		( 110-120 / 220-240 )	2.9	140 / 140	64	14.5
RS-3009-1	41S	0.85		2.9	140 / 140	64	15	
RS-3009L	42S	0.85		2.9	140 / 140	64	15.5	
RS-3009L-1	42S	0.85		2.9	140 / 140	64	15.5	
RS-3011	43S	1.1		2.9	180 / 180	64	15.5	
RS-3015	44S	1.5		2.9	205 / 230	64	16	
RS-4011	51S	1.1		4.2	140 / 140	73	20.5	
RS-4011-1	51S	1.1		4.2	140 / 140	73	21	
RS-4015	52S	1.5		4.2	180 / 180	73	22	
RS-4015-1	52S	1.5		4.2	180 / 180	73	22.5	
RS-4015L	52S	1.5		4.2	180 / 180	73	22.5	
RS-4015L-1	52S	1.5		4.2	180 / 180	73	22.5	
RS-4018-1	53S	1.75		220 / 380	4.2	210 / 220	73	23
RS-4019	53S	1.9		230 / 400	4.2	210 / 220	73	23
RS-4019L	54S	1.9		240 / 415	4.2	210 / 220	73	23.5
RS-4026	55S	2.6		220-265 / 380-460	4.2	255 / 300	73	26
RS-5026	61S	2.6	( 220-240 )	6.2	220 / 220	77	32	
RS-5026-2	61S	2.6		6.2	220 / 220	77	33.5	
RS-5026L	61S	2.6		6.2	220 / 220	77	33.5	
RS-6037	62S	3.7		6.2	280 / 280	77	35	
RS-6037-2	62S	3.7		6.2	280 / 280	77	36.5	
RS-6037L	62S	3.7		6.2	280 / 280	77	36	
RS-6046	63S	4.6		6.2	315 / 320	77	38	
RS-7063	81S	6.3		10.9	290 / 290	79	78	
RS-8086	82S	8.6		220 / 380	10.9	350 / 400	79	82
RS-9110	91S	11		230 / 400	22.4	190 / 190	81	100
RS-9150	92S	15		240 / 415	22.4	290 / 290	81	112
RS-9220	93S	22	220-240 / 380-415	22.4	370 / 430	81	159	
RS-23009	101S	0.85		1.8	245 / 245	66	17	
RS-33019	111S	1.9		220 / 380	3.0	300 / 300	69	25
RS-33026	112S	2.6		230 / 400	3.0	350 / 435	69	28
				240 / 415				
RS-43037	121S	3.7		4.5	405 / 415	77	43	
RS-43046	122S	4.6		220-265 / 380-460	4.5	410 / 500	77	45
RS-63046	131S	4.6		6.2	380 / 380	79	55	
RS-63063	132S	6.3		6.2	425 / 530	79	72	
RS-63086	133S	8.6		6.2	450 / 675	79	81	
RS-64063	142S	6.3		220 / 380	9.2	200 / 220	79	70
RS-64086	143S	8.6		230 / 400	9.2	260 / 270	79	81
RS-83086	151S	8.6		240 / 415	10.9	320 / 320	81	112
RS-83130	152S	13			10.9	455 / 600	81	142
RS-83190	153S	19			10.9	650 / 780	81	160
RS-84086	161S	8.6			16.5	150 / 150	81	110
RS-84130	162S	13		220-240 / 380-415	16.5	260 / 260	81	140

**High Efficiency**

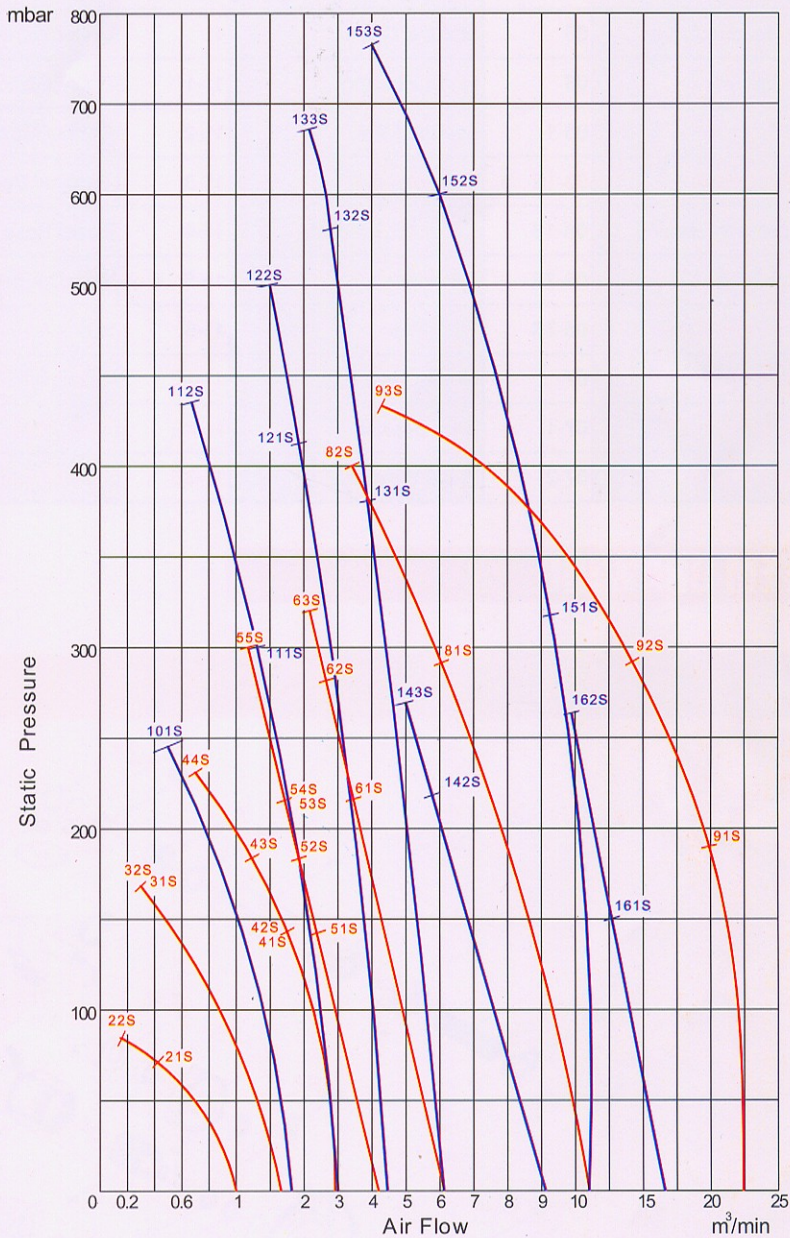
Insulation class F ( < 2.0kw )

Insulation class H ( > 2.0kw )

60Hz

Blowing Curve

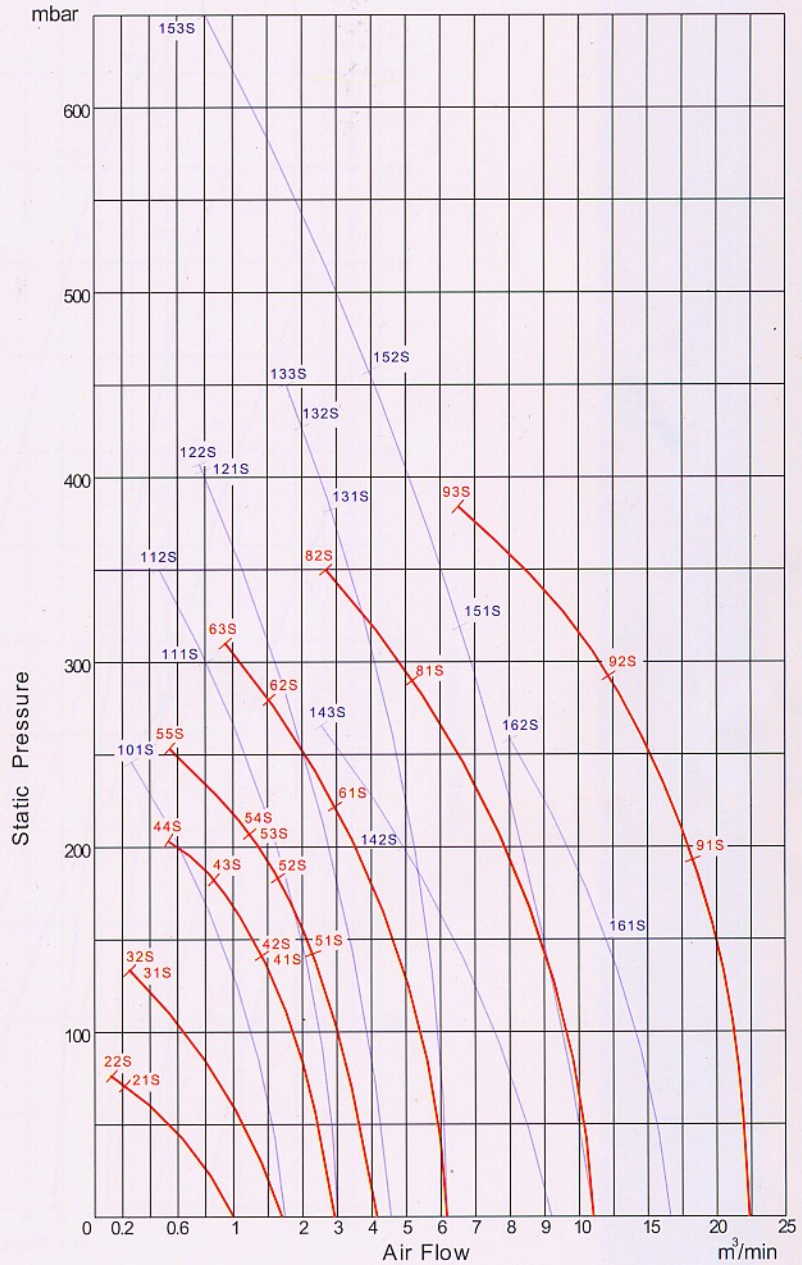
COMPRESSOR



60Hz

Suction Curve

VACUUM PUMP



Installation altitude :  
Max. of 1000m 「3280ft」 above sea level.

Operation :

Surface of the vacuum pump/compressor may reaches 160°C ( 320°F ) in operation.

Do not dispose of acid, alkali or flammable gas , otherwise explosion and damage may occur.

Required conditions :

- Ⓞdry
- Ⓞdust - free
- Ⓞlow - vibration ( < 2.8mm/s )
- Ⓞambient temp. < 40°C ( 104°F )