

Scroll Condensing Units



- Quiet and efficient Copeland ZB Scroll Hermetic Compressors
- Generous wide finned, low noise level condensers supplied with protective coil coating
- Wide range of factory fitted accessories available
- Specifically designed for Australasian conditions

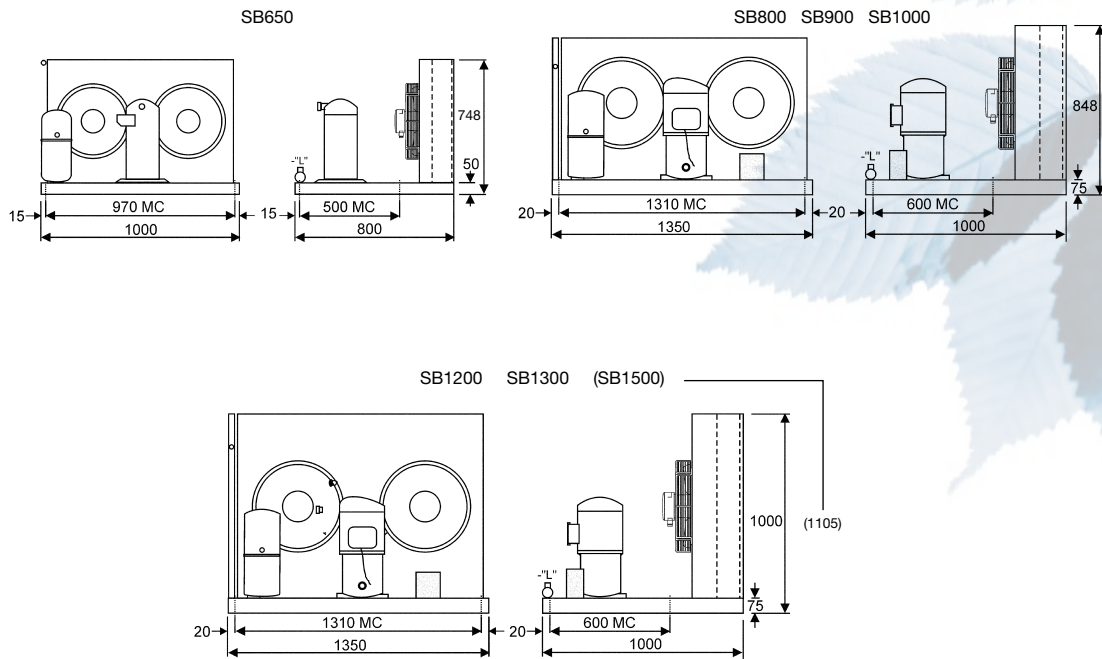
SB Low / Medium / High

6.5 15 hp

CAPACITY (Watts) @ 32°C Ambient *

MODEL	Nom. hp	Refrigerant	Evaporating Temp °C								
			-25	-20	-15	-10	-5	0	5	10	15
SB650	6.5	R134a				7340	9060	10920	13195	15620	18210
		R404A	6500	7700	9500	11745	14325	16675	19355		
		R22				10270	12950	15570	18570	22020	
SB800	8.0	R134a				8080	9930	12010	14485	17390	21210
		R404A	7950	9500	11625	13700	16625	19355	22805		
		R22				11700	15130	18540	22350	26660	
SB900	9.0	R134a				9680	11980	14760	17865	21270	24010
		R404A	9600	11250	13405	15825	18985	22305	25485		
		R22				13820	17500	21200	25220	29900	
SB1000	10.0	R134a				11230	13890	17050	20475	24610	28080
		R404A	11300	13250	15625	18500	22045	25695	29765		
		R22				16270	20630	24890	29700	35100	
SB1200	12.0	R134a				12120	14770	19120	22765	27210	32010
		R404A	13100	15050	17700	21075	24950	29555	34175		
		R22				18500	23500	28450	33950	39970	
SB1300	13.0	R134a				13770	17070	20960	25145	29890	34990
		R404A	15100	17300	19990	22995	26595	31045	36065		
		R22				19810	24480	30050	36020	42850	
SB1500	15.0	R134a				16080	20050	24410	29345	35210	41510
		R404A	16990	19000	22685	26645	31965	37505	43575		
		R22				23700	29400	36120	43550	51600	

DIMENSIONS:



NTS (mm)
Accessories not shown

TECHNICAL DATA:

MODEL	COMPRESSOR						CONDENSER			RECEIVER	CONNECTIONS (3)		Noise Level (dbA) (4)	Weight (kg)
	NOM. hp	MODEL	VOLTAGE	DISP. m ³ /hr	RLA Amps	LRA Amps	Airflow l/sec	Fan Motor (1)		Capacity (kg) (2)	Receiver Outlet Valve	Comp Suct Valve		
								Watts	Amps					
SB650	6.5	ZB48KQE-TFD	380-420/3/50	18.8	13.6	101.0	1670	520	3.0	8.8	5/8"F.Sw	7/8"F.Sw	62	123
SB800	8.0	ZB58KQE-TFD	380-420/3/50	22.1	16.4	95.0	2550	940	4.0	10.4	7/8"F.Sw	1-1/8"F.Sw	62	166
SB900	9.0	ZB66KQE-TFD	380-420/3/50	25.7	17.5	111.0	2360	940	4.0	10.4	7/8"F.Sw	1-3/8"F.Sw	63	193
SB1000	10.0	ZB76KQE-TFD	380-420/3/50	28.8	20.0	118.0	2360	940	4.0	10.4	7/8"F.Sw	1-3/8"F.Sw	64	198
SB1200	12.0	ZB88KQE-TFD	380-420/3/50	33.2	22.3	118.0	2950	940	4.0	10.4	7/8"F.Sw	1-3/8"F.Sw	64	226
SB1300	13.0	ZB95KQE-TFD	380-420/3/50	36.4	26.4	140.0	2950	940	4.0	10.4	7/8"F.Sw	1-3/8"F.Sw	67	258
SB1500	15.0	ZB114KQE-TFD	380-420/3/50	43.3	28.6	174.0	3610	940	4.0	20.0	7/8"F.Sw	1-5/8"F.Sw	67	275

NOTES:

- Fan motors are suitable for 220-240/1/50
- R404A pump down capacity shown @ 80% full for 32°C liquid temperature
- Max valve connection size shown. May reduce for different refrigerants & applications
- All noise level ratings are "free field" based at a distance of 3 metres from source and are given as a guide only
- *Capacity ratings are based on suction gas returning to compressor @ 20°C, without liquid sub-cooling. Ratings may be increased by approximately 1% for every 1.1°K of sub-cooling
- Standard condensers fitted. Ratings must not be extrapolated
- Check with Patton's nearest outlet for applications outside the specified range
- Pictured unit configuration subject to change and selected accessory options.

The company reserves the right to make specification changes without notice. 01/04/10