

## Air Cooled Condensing Units



- Reliable and efficient Copeland Semi-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

### CH-CN Semi-Hermetic

15 25 hp

#### CAPACITY (Watts) @ 38°C Ambient \*

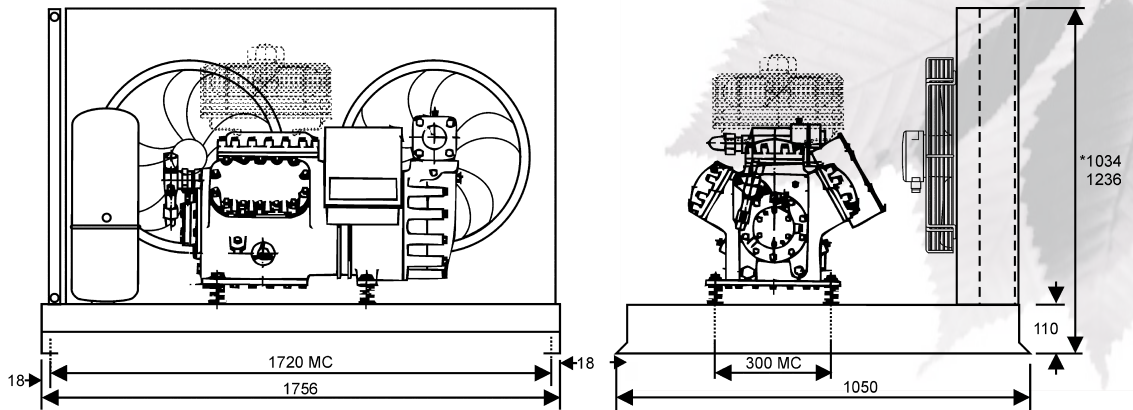
MODEL	Nom. hp	Refrig.	Evaporating Temp °C											
			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
CH2000	20.0	R134a						11445	14535	18000	22375	27105	32710	38790
		R404A			10150	13080	16430	20190	24350	28880	33825	39150	44860	
		R22					14870	18450	22740	27420	33175	39125	46270	53875
CL1500	15.0	R404A	7470	9980	12950	16340	20180	24455	29175	34300				
		R22	6350	8650	11590	14890	18820	23290						
CH2500	25.0	R134a						15535	18785	22925	27965	33900	40725	48450
		R404A			13385	16990	21105	25710	30800	36340	42390	48910	55900	
		R22					19830	24325	29525	35655	42435	50215	57995	67065
CL2200	22.0	R404A	9100	11990	15410	19325	23760	28700	34160	40075				
		R22	8280	11130	14445	18380	22950	27510						

Head fan reqd. Demand Cooling reqd.

**DIMENSIONS:**

CH2000\*  
CL1500\*

CH2500  
CL2200



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 <sup>3</sup> /hr	RLA Amps	LRA Amps	Airflow l/sec	Fan Motor (1)		Capacity (kg) (2)	Receiver Outlet Valve	Comp Suct Valve		
								Watts	Amps					
CH2000	20.0	D4DA200X-AWM	380-420/3/50	56.0	32.5	175.0	3960	962	4.4	28.2	1-1/8" F. Sw	1-5/8" F. Sw	68	360
CL1500	15.0	D4DL150X-AWM	380-420/3/50	70.9	35.3	156.0	3960	962	4.4	28.2	1-1/8" F. Sw	1-5/8" F. Sw	67	410
CH2500	25.0	D4DH250X-AWM	380-420/3/50	70.9	41.5	199.0	4185	962	4.4	36.3	1-1/8" F. Sw	2-1/8" F.Sw	70	530
CL2200	22.0	D4DT220X-AWM	380-420/3/50	84.6	42.8	175.0	4185	962	4.4	36.3	1-1/8" F. Sw	2-1/8" F. Sw	70	535

**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 3.0 mtrs 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. AUSTRALIA 1/10/09