

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) @ 32°C Ambient *

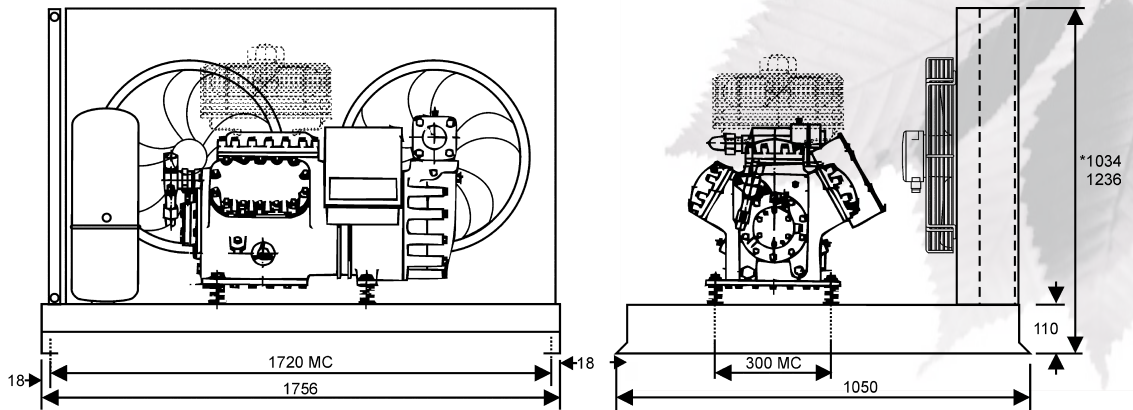
MODEL	Nom. hp	Refrig.	Evaporating Temp °C											
			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
CH2000	20.0	R134a						12500	15870	19650	24420	29580	35700	42330
		R404A			11028	14233	17898	22016	26584	31596	37047	42932	49246	
		R22					16200	20100	24800	29900	36200	42700	50500	58800
CL1500	15.0	R404A	8119	10852	14073	17782	21980	26670	31850	37524				
		R22	6900	9400	12600	16200	20500	25400						
CH2500	25.0	R134a						16965	20509	25029	30525	36997	44445	52869
		R404A			14551	18491	22987	28033	33626	39759	46429	53631	61360	
		R22					21600	26500	32200	38880	46300	54800	63300	73200
CL2200	22.0	R404A	9887	13034	16749	21032	25883	31302	37288	43843				
		R22	9000	12100	15700	20000	25000	30000						

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 ³ /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:

1. Fan motors are suitable for 220-240/1/50
2. R404A pump down capacity shown @ 80% full for 32°C liquid temperature
3. Max valve connection size shown. May reduce for different refrigerants & applications
4. All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only
5. *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
6. Standard condensers fitted. Ratings must not be extrapolated
7. Check with Patton's nearest outlet for applications outside the specified range
8. Pictured unit configuration subject to change and selected accessory options.

The company reserves the right to make specification changes without notice. 21/09/09