

Air Cooled Condensing Units



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

1 2 hp

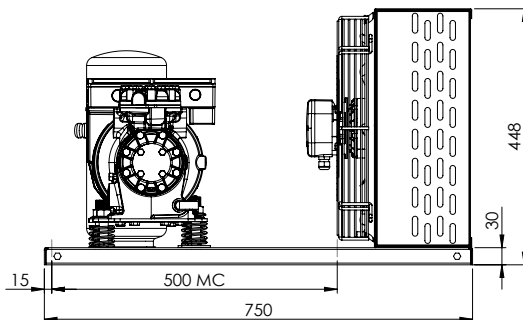
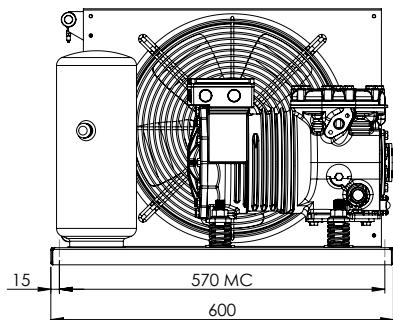
Copeland

CAPACITY (Watts) @ 32°C Ambient

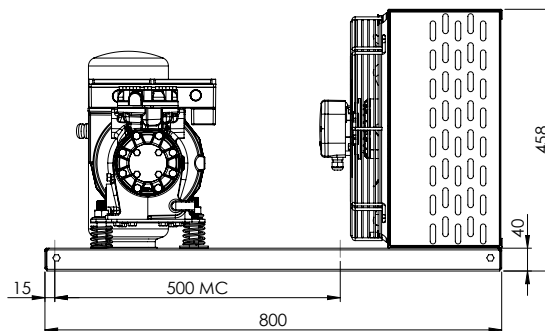
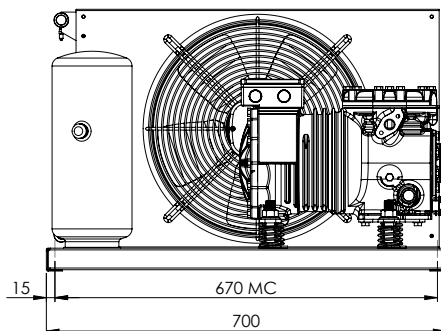
Model	Nom. hp	Refrig	Evaporating Temp °C											
			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
CHS100	1.0	R404A	502	672	892	1161	1480	1848	2265	2732	3248	3814	4428	509
		R22	-	580	770	1030	1350	1730	2130	2600	3090	3660	4280	4990
CH100	1.0	R404A	502	672	892	1161	1480	1848	2265	2732	3248	3814	4428	5092
		R22	-	580	770	1030	1350	1730	2130	2600	3090	3660	4280	4990
CHS150	1.5	R404A	626	858	1141	1474	1859	2296	2788	3335	3938	4598	5316	6094
		R22	-	690	990	1340	1680	2110	2580	3080	3750	4420	5240	6130
CH150	1.5	R404A	626	858	1141	1474	1859	2296	2788	3335	3938	4598	5316	6094
		R22	-	690	990	1340	1680	2110	2580	3080	3750	4420	5240	6130
CNS150	1.5	R134a	-	-	-	-	-	1451	1851	2313	2840	3433	4095	4827
		R404A	725	996	1320	1698	2129	2614	-	-	-	-	-	-
		R22	-	850	1210	1590	2000	2480	2980	3530	-	-	-	-
CN150	1.5	R134a	-	-	-	-	-	1451	1851	2313	2840	3433	4095	4827
		R404A	725	996	1320	1698	2129	2614	-	-	-	-	-	-
		R22	-	850	1210	1590	2000	2480	2980	3530	-	-	-	-
CH200	2.0	R134a	-	-	-	-	-	1752	2274	2896	3614	4427	5332	6326
		R404A	-	1021	1418	1918	2514	3201	3973	4824	5748	6740	7793	8903
		R22	-	760	1170	1680	2340	3050	3770	4680	5490	6480	7590	8780
CN200	2.0	R134a	-	-	-	-	-	2315	3008	3802	4699	5697	6798	8000
		R404A	739	1218	1773	2404	3110	3893	-	-	-	-	-	-
		R22	-	1110	1650	2290	3000	3700	4680	-	-	-	-	-

DIMENSIONS

CHS100
CH100
CHS150
CH150
CNS150
CN150



CH200
CN200



NTS (mm)
MC = Mounting Bolt Centers
Accessories not shown

TECHNICAL DATA

MODEL	COMPRESSOR						CONDENSOR			RECEIVER	CONNECTION (3)		Noise Level (dba) (4)	Weight (kg)
	NOM. hp	MODEL	VOLTAGE	DISP m³/hr	FLA Amps	LRA Amps	Airflow l/sec	Fan Motor (1)		Capacity (kg) (2)	Rec. Outlet Valve	Comp. Suction Valve		
								Watts	Amps					
CHS100	1.0	DKJ10X-CAG	220-240/1/50	5.14	7.1	32.4	730	145	0.75	3.7	1/2" F. Sw	5/8" F. Sw	59	68
CH100	1.0	DKJ10X-EWL	380-420/3/50	5.14	3.2	15.5	730	145	0.75	3.7	1/2" F. Sw	5/8" F. Sw	59	67
CHS150	1.5	DKSJ15X-CAG	220-240/1/50	6.33	9.0	43.0	710	145	0.75	3.7	1/2" F. Sw	5/8" F. Sw	59	69
CH150	1.5	DKSJ15X-EWL	380-420/3/50	6.33	3.4	20.4	710	145	0.75	3.7	1/2" F. Sw	5/8" F. Sw	59	68
CNS150	1.5	DKL15X-CAG	220-240/1/50	7.35	8.4	43.0	710	145	0.75	3.7	1/2" F. Sw	5/8" F. Sw	59	68
CN150	1.5	DKL15X-EWL	380-420/3/50	7.35	3.4	20.4	710	145	0.75	3.7	1/2" F. Sw	5/8" F. Sw	59	67
CH200	2.0	DLE20X-EWL	380-420/3/50	9.86	5.7	37.6	980	260	1.5	3.7	1/2" F. Sw	7/8" F. Sw	60	116
CN200	2.0	DLF20X-EWL	380-420/3/50	12.9	4.5	37.6	980	260	1.5	3.7	1/2" F. Sw	7/8" F. Sw	60	118

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.

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

3 5 hp

Copeland

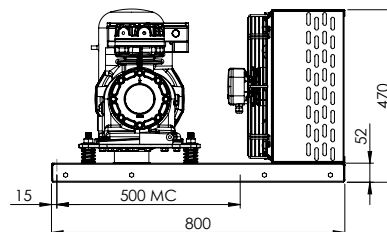
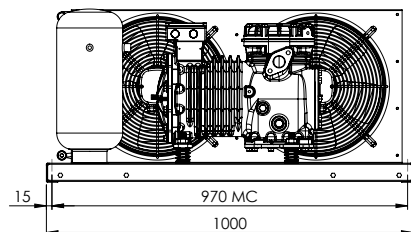
CAPACITY (Watts) @ 32°C Ambient

Model	Nom. hp	Refrig	Evaporating Temp °C											
			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
CH300	3.0	R404A	751	1259	1883	2621	3470	4430	5498	6672	7951	9333	10816	12398
		R22	-	1160	1720	2440	3230	4110	5140	6250	7590	9050	10560	12020
CN300	3.0	R134a	-	-	-	-	-	3331	4337	5490	6790	8235	9824	11555
		R404A	1288	2030	2893	3877	4982	6209	-	-	-	-	-	-
		R22	800	1530	2300	3100	4050	5080	-	-	-	-	-	-
CH400	4.0	R404A	1216	1988	2867	3871	5015	6314	7784	9439	11297	13372	15680	-
		R22	-	2010	2758	3712	4860	6190	7680	9340	11130	13050	15080	17220
CN400	4.0	R134a	-	-	-	-	-	4457	5709	7144	8763	10565	12552	14723
		R404A	1835	2756	3806	4994	6329	7820	-	-	-	-	-	-
		R22	1390	2250	3300	4450	5780	7150	-	-	-	-	-	-
CH450	4.5	R404A	-	1662	2589	3705	5003	6478	8125	9939	11914	14046	16329	-
		R22	-	-	-	-	4250	5920	7699	9623	11729	14054	16636	19513
CH500	5.0	R404A	-	2733	3803	5035	6370	7530	9580	11320	13410	15690	18800	22320
		R22	-	-	-	4037	5447	7053	8860	10876	13105	15553	18227	21131
CNA500	5.0	R404A	-	3642	4815	6146	7643	9312	11161	13196	-	-	-	-
CN500	5.0	R134a	-	-	-	-	-	5430	7112	9033	11189	13576	16190	19028
		R404A	2802	3903	5190	6658	8305	10128	12124	14289	-	-	-	-
		R22	1858	2751	3931	5367	7028	8883	10901	13049	-	-	-	-

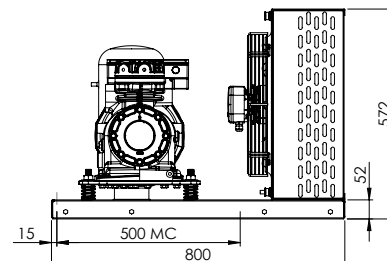
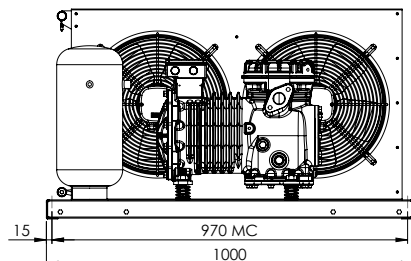
Head fan reqd. Demand Cooling reqd.

DIMENSIONS

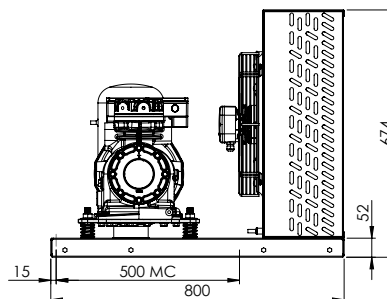
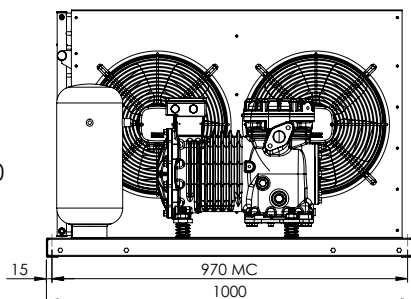
CH300
CN300



CH400
CN400



CH450
CH500
CN500
CNA500



NTS (mm)
MC = Mounting Bolt Centers
Accessories not shown

TECHNICAL DATA

MODEL	COMPRESSOR						CONDENSOR			RECEIVER	CONNECTION (3)		Noise Level (dba) (4)	Weight (kg)
	NOM. hp	MODEL	VOLTAGE	DISP m³/ hr	FLA Amps	LRA Amps	Airflow l/sec	Fan Motor (1)		Capacity (kg) (2)	Rec. Outlet Valve	Comp. Suction Valve		
								Watts	Amps					
CH300	3.0	DLF30X-EWL	380-420/3/50	12.9	7.2	53.0	1460	290	1.5	6.2	1/2" F. Sw	7/8" F. Sw	63	137
CN300	3.0	DLL30X-EWL	380-420/3/50	18.2	7.3	53.0	1460	290	1.5	6.2	1/2" F. Sw	1-1/8" F. Sw	63	142
CH400	4.0	DLL40X-EWL	380-420/3/50	18.2	9.5	68.5	1510	290	1.5	6.2	1/2" F. Sw	1-1/8" F. Sw	60	154
CN400	4.0	DLSG40X-EWL	380-420/3/50	22.5	8.9	68.5	1510	290	1.5	6.2	1/2" F. Sw	1-1/8" F. Sw	60	145
CH450	5.0	D2DD50X-AWM	380-420/3/50	19.3	10.3	55.0	1470	290	1.5	8.8	5/8" F. Sw	1-1/8" F. Sw	61	210
CH500	5.0	D2SA55X-EWL	380-420/3/50	22.4	13.1	67.3	1470	290	1.5	8.8	5/8" F. Sw	1-1/8" F. Sw	61	190
CNA500	5.0	D2SC55X-EWL	380-420/3/50	26.8	13.1	74.1	1470	290	1.5	8.8	5/8" F. Sw	1-1/8" F. Sw	62	170
CN500	5.0	D2DB50X-AWM	380-420/3/50	28.0	13.4	55.0	1470	290	1.5	8.8	5/8" F. Sw	1-3/8" F. Sw	62	210

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.

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CH-CN SEMI-HERMETIC

6 7.5 hp

Copeland®

CAPACITY (Watts) @ 32°C Ambient

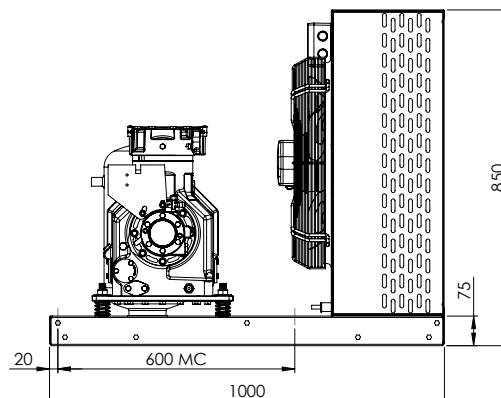
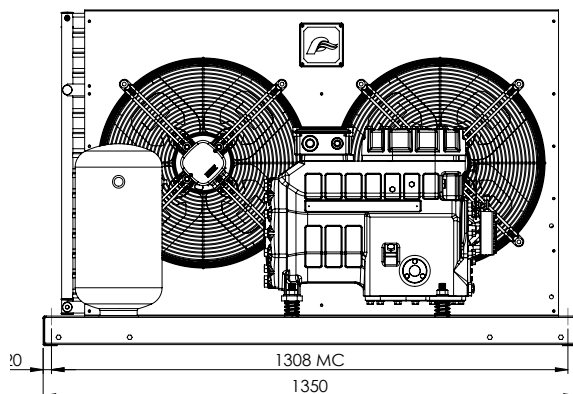
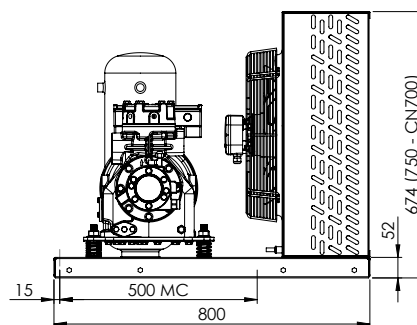
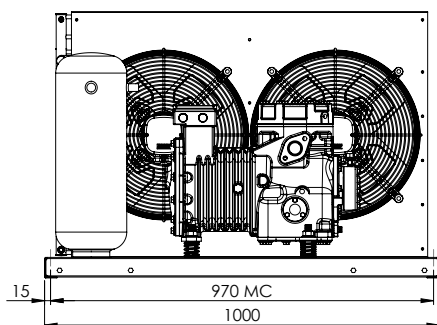
MODEL	Nom. hp	Refrig.	Evaporating Temp °C											
			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
CH600	6.0	R404A	-	2810	4030	5465	7115	8980	11065	13380	15920	18700	21715	-
		R22	-	-	-	-	6340	7890	9830	12140	14810	17830	21180	24860
CH700	7.0	R134a	-	-	-	-	-	5853	7175	8895	11013	13529	16443	19755
		R404A	-	3812	5177	6789	8644	10739	13074	15645	18449	21485	24750	-
		R22	-	-	-	-	7900	9800	11800	14100	16800	19980	23800	28300
CN700	7.0	R134a	-	-	-	-	-	6348	8233	10423	12927	15753	18910	22405
		R404A	3240	4486	5909	7526	9353	11407	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
		R22	-	2990	4480	6290	8400	10580	-	-	-	-	-	-
CH750	7.5	R134a	-	-	-	-	-	6566	8238	10358	12926	15941	19404	23315
		R404A	-	4204	5806	7690	9848	12275	14963	17906	21097	24530	28198	-
		R22	-	-	-	-	8500	10950	14000	17000	20700	24700	29200	32900
CN750	7.5	R134a	-	-	-	-	-	7831	10068	12655	15602	18919	22614	26697
		R404A	3890	5371	7067	8998	11186	13653	-	-	-	-	-	-
		R22	-	3900	5750	7800	10300	12800	-	-	-	-	-	-

Head fan reqd. Demand Cooling reqd.

DIMENSIONS

CH600
CH700
CN700
CH750
CN750

NTS (mm)
Accessories not shown



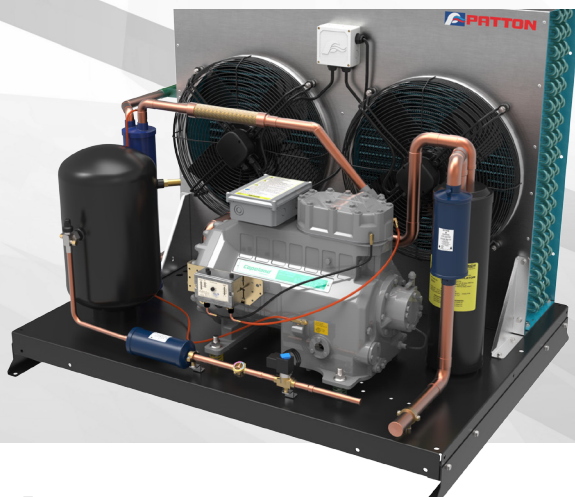
TECHNICAL DATA

MODEL	COMPRESSOR						CONDENSER			RECEIVER	CONNECTIONS (3)		Noise Level (dbA) (4)	Weight (kg)
	NOM. hp	MODEL	VOLTAGE	DISP. m3/hr	RLA Amps	LRA Amps	Airflow l/sec	Fan Motor (1)		Capacity (kg) (2)	Receiver Outlet Valve	Comp Suct Valve		
								Watts	Amps					
CH600	6.0	D2DL75X-AWM	380-420/3/50	23.7	13.8	70.0	2550	920	4.0	8.8	5/8" F. Sw	1-3/8" F. Sw	64	231
CH700	7.0	D2DB75X-AWM	380-420/3/50	28.0	16.1	70.0	2360	940	4.0	10.4	7/8" F. Sw	1-3/8" F. Sw	64	262
CN700	7.0	D3DA50X-AWM	380-420/3/50	32.2	15.9	55.0	2550	920	4.0	8.8	5/8" F. Sw	1-3/8" F. Sw	64	243
CH750	7.5	D3DA75X-AWM	380-420/3/50	32.2	18.0	106.0	2360	940	4.0	10.4	7/8" F. Sw	1-3/8" F. Sw	63	280
CN750	7.5	D3DC75X-AWM	380-420/3/50	38.0	18.3	70.0	2360	940	4.0	10.4	7/8" F. Sw	1-3/8" F. Sw	64	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 3.0 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.

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CH-CN SEMI-HERMETIC

10 15 hp

Copeland®

CAPACITY (Watts) @ 32°C Ambient

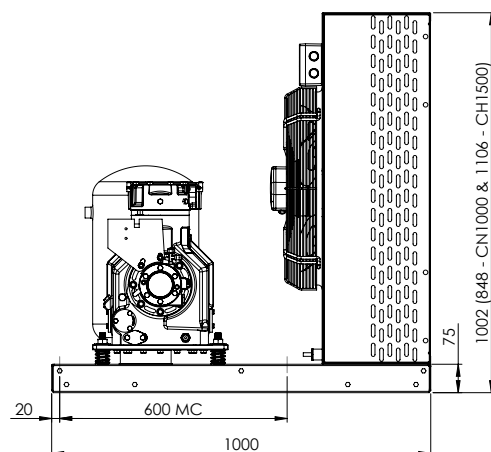
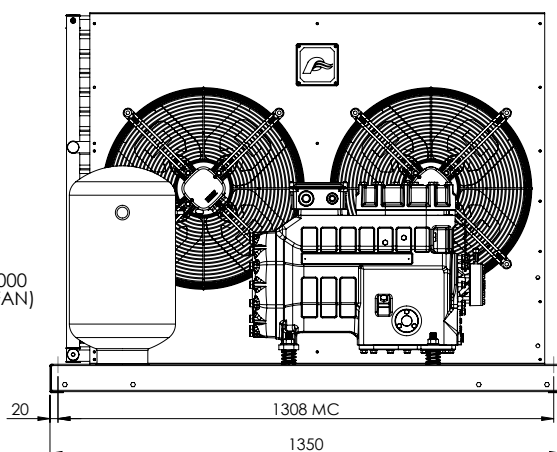
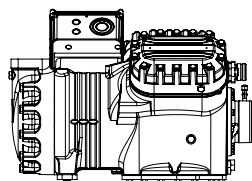
MODEL	Nom. hp	Refrig.	Evaporating Temp °C											
			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
CH1000	10.0	R134a	-	-	-	-	-	7640	9890	12660	15770	19540	23750	28480
		R404A	-	5382	7231	9417	11935	14778	17940	21416	25199	29283	33662	-
		R22	-	-	-	-	11700	13700	16500	20000	24300	29000	33900	39500
CN1000	10.0	R134a	-	-	-	-	-	9600	12380	15810	19620	23660	28500	33660
		R404A	5763	7769	10046	12623	15529	18793	-	-	-	-	-	-
		R22	-	6400	8600	11200	14400	17800	-	-	-	-	-	-
CH1500	15.0	R134a	-	-	-	-	-	10500	13950	16950	20910	25520	30660	36750
		R404A	-	7737	10144	12939	16113	19660	23570	27836	32450	37403	42687	-
		R22	-	-	-	-	14000	17600	21800	26400	31800	37600	44400	51800
CL1050	10.0	R404A	5704	7925	10568	13633	17121	21031	25363	30118	-	-	-	-
		R22	-	6500	9200	12200	15200	18600	-	-	-	-	-	-

Head fan reqd. Demand Cooling reqd.

DIMENSIONS

CH1000
CN1000
CH1500

CL1050
(SUBSTITUTE WITH D4DF1000
COMPLETE WITH HEAD FAN)



NTS (mm)

Accessories not shown

TECHNICAL DATA

MODEL	COMPRESSOR						CONDENSER			RECEIVER	CONNECTIONS (3)		Noise Level (dbA) (4)	Weight (kg)
	NOM. hp	MODEL	VOLTAGE	DISP. m3/hr	RLA Amps	LRA Amps	Airflow l/sec	Fan Motor (1)		Capacity (kg) (2)	Receiver Outlet Valve	Comp Suct Valve		
								Watts	Amps					
CH1000	10.0	D3DC100X-AWM	380-420/3/50	37.9	20.5	121.0	2950	940	4.0	20.0	7/8" F. Sw	1-3/8" F. Sw	66	325
CN1000	10.0	D3DS100X-AWM	380-420/3/50	49.9	24.4	121.0	2360	940	4.0	20.0	7/8" F. Sw	1-3/8" F. Sw	65	295
CH1500	15.0	D3DS150X-AWM	380-420/3/50	49.9	29.0	129.0	3610	940	4.0	20.0	7/8" F. Sw	1-5/8" F. Sw	66	340
CL1050	10.0	D4DF100X-AWM	380-420/3/50	56.0	26.8	105.0	2950	940	4.0	20.0	7/8" F. Sw	1-5/8" F. Sw	66	345

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.

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
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CH-CN SEMI-HERMETIC

45 60 hp

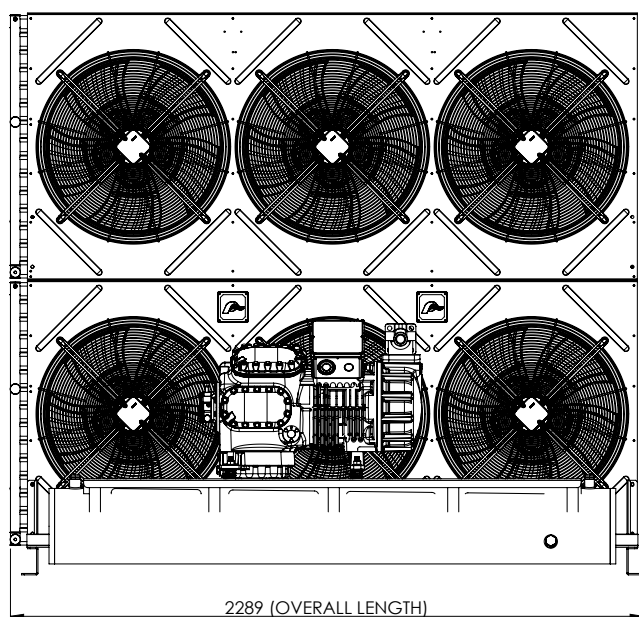
Copeland

CAPACITY (Watts) @ 32°C Ambient

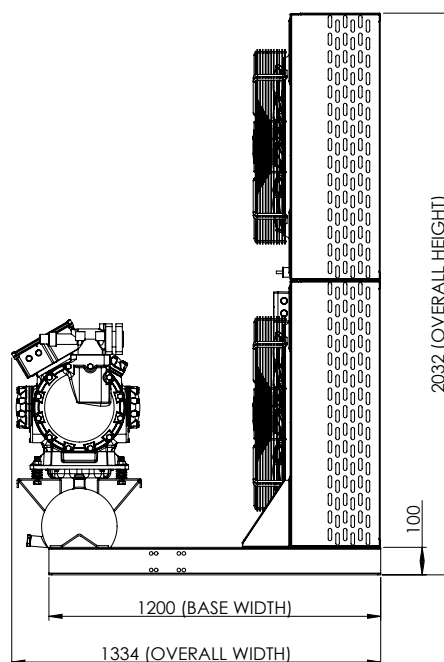
MODEL	Nom. hp	Refrig.	Evaporating Temp °C											
			-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
CH5000	50.0	R134a	-	-	-	-	-	30847	39375	49349	60817	73829	88432	104673
		R404A	-	21159	28243	36543	46040	56713	68540	81500	95573	110737	126972	
		R22	-	-	-	-	41000	52000	64000	78000	94000	112000	130000	150000
CL4500	45.0	R404A	20781	27271	34907	43689	53617	64691	76910	-	-	-	-	-
CH6000	60.0	R134a	-	-	-	-	-	35788	45720	57306	70613	85707	102656	121525
		R404A	-	24241	32543	42266	53378	65845	79636	94716	111054	128615	147368	-
		R22	-	-	-	-	48000	59000	76000	90000	108000	128000	150000	17300

Head fan reqd. Demand Cooling reqd.

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. m³/hr	RLA Amps	LRA Amps	Airflow l/sec	Fan Motor (1)		Capacity (kg) (2)	Receiver Outlet Valve	Comp Suct Valve		
								Watts	Amps					
CH5000	50.0	D8DH500X-AWM	380-420/3/50	151.0	88.2	458.0	11520	2884	13.2	90.5	1-3/8" F. Sw	2-5/8" F. Sw	75	795
CL4500	45.0	D8DT450X-AWM	380-420/3/50	181.0	90.7	441.0	11520	2884	13.2	90.5	1-3/8" F. Sw	3-1/8" F. Sw	75	800
CH6000	60.0	D8DJ600X-AWM	380-420/3/50	181.0	108.0	476.0	11520	2884	13.2	90.5	1-3/8" F. Sw	3-1/8" F. Sw	76	885

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.

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

CSCL STREAM 1300 -2500

13 25 hp

Copeland

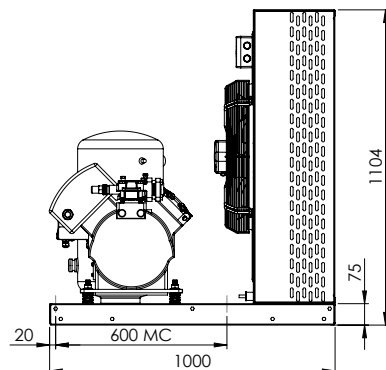
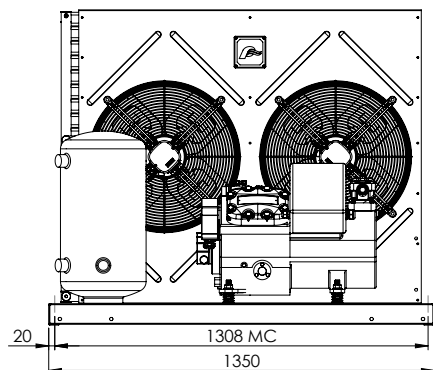
CAPACITY (Watts) @ 32°C Ambient

Model	Nom. hp	Refrig	Evaporating Temp °C									
			-35	-30	-25	-20	-15	-10	-5	0	5	10
CSCL1300	13.0	R134a	-	-	-	-	15830	19890	24620	29950	36070	42370
		R404A	11840	14640	18410	22360	26760	30890	-	-	-	-
CSCL1500	15.0	R134a	-	-	-	-	18670	23280	28580	34170	40490	49470
		R404A	14390	17410	21420	25400	30190	35500	-	-	-	-
CSCL2000	20.0	R134a	-	-	-	-	20710	25740	31010	37560	44370	54160
		R404A	16320	19550	23890	28560	33050	38560	-	-	-	-
CSCL2200	22.0	R134a	-	-	-	-	23560	29230	35290	42660	50290	61400
		R404A	18330	21910	26760	31580	37450	44060	-	-	-	-
CSCL2500	25.0	R134a	-	-	-	-	25420	31740	39070	46780	56200	68850
		R404A	19710	24110	28950	34950	40660	48860	-	-	-	-

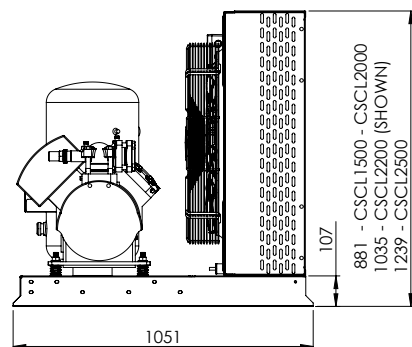
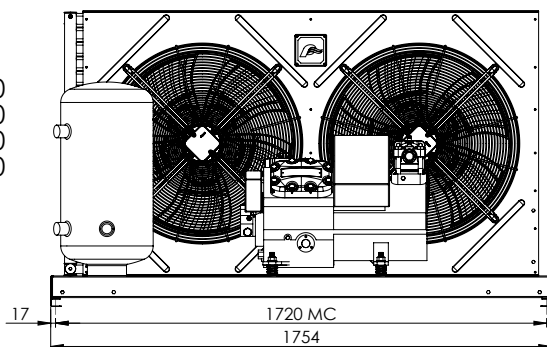
Head fan reqd

DIMENSIONS

CSCL1300



CSCL1500
CSCL2000
CSCL2200
CSCL2500



NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wt (kg)
	NOM hp.	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/Sec	Fan Motor(s)			Capapcity (kg) (2)	Suction	Liquid		
								No. (1)	Tot Watts	Tot Amps					
CSCL1300	13.0	4MF-13X-AWM	380-420/3/50	30.8	105.0	1400	3610	2 x 500	940	4.0	28.2	1-5/8"	1-1/8"	67	350
CSCL1500	15.0	4ML-15X-AWM	380-420/3/50	35.4	156.0	1500	3770	2 x 610	962	4.4	28.2	1-5/8"	1-1/8"	68	380
CSCL2000	20.0	4MM-20X-AWM	380-420/3/50	39.0	175.0	1700	3530	2 x 610	962	4.4	36.3	2-1/8"	1-1/8"	69	420
CSCL2200	22.0	4MT-22X-AWM	380-420/3/50	44.5	175.0	2050	3960	2 x 610	962	4.4	36.3	2-1/8"	1-1/8"	70	430
CSCL2500	25.0	4MU-25X-AWM	380-420/3/50	51.9	199.0	2400	4185	2 x 610	962	4.4	36.3	2-1/8"	1-1/8"	70	430

NOTES:

- 500 mm fans - 220-240/1/50. 610 mm fans - 220-240/1/50.
- R404A pump down capacity @ 80% full for 32°C liquid temp.
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.

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

CSCL Stream 3000 - 4000

30 40 hp

Copeland®

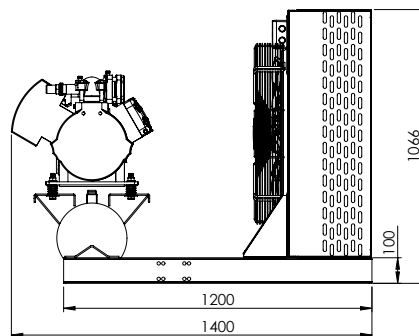
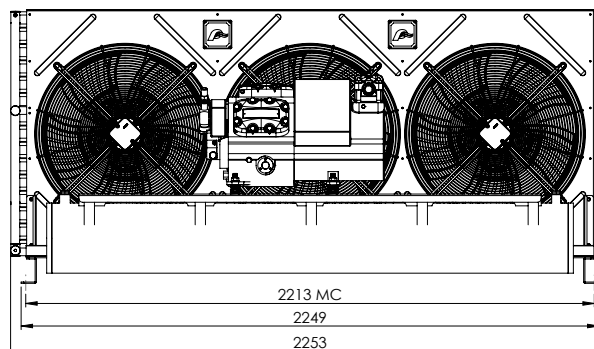
CAPACITY (Watts) @ 38°C Ambient

Model	Nom. hp	Refrig	Evaporating Temp °C									
			-35	-30	-25	-20	-15	-10	-5	0	5	10
CSCL3000	30.0	R134a	-	-	-	31210	38780	47590	57630	68120	82110	75230
		R404A	24440	29340	35920	43250	51410	59360	-	-	-	-
CSCL3500	35.0	R134a	-	-	-	34760	43190	51980	62830	75070	91490	83825
		R404A	27130	32350	39560	46650	54260	66710	-	-	-	-
CSCL4000	40.0	R134a	-	-	-	38760	48000	58730	70090	83990	101290	92800
		R404A	30620	36840	45170	54570	63710	75170	-	-	-	-

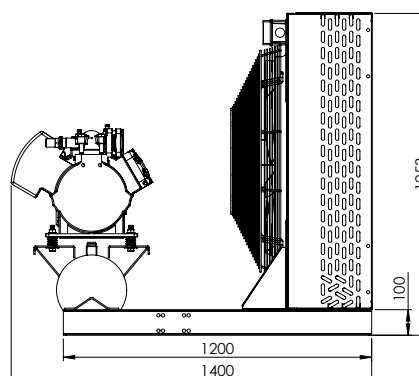
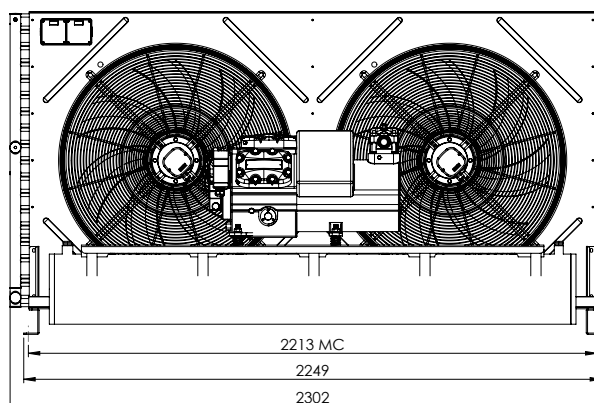
Head fan reqd

DIMENSIONS

CSCL3000
CSCL3500



CSCL4000



NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wt (kg)
	NOM hp.	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/Sec	Fan Motor(s)			Capapcity (kg) (2)	Suction	Liquid		
								No. (1)	Tot Watts	Tot Amps					
CSCL3000	30.0	6MM-30X-AWM	380-420/3/50	59.7	255.0	3000	5760	3 x 610	1442	6.6	90.5	2-1/8"	1-1/8"	72	580
CSCL3500	35.0	6MT-35X-AWM	380-420/3/50	67.3	255.0	3000	5760	3 x 610	1442	6.6	90.5	2-1/8"	1-1/8"	72	590
CSCL4000	40.0	6MU-40X-AWM	380-420/3/50	75.8	304.0	3500	6970	2 x 800	1840	4.6	90.5	2-5/8"	1-1/8"	74	600

NOTES:

- 500 mm fans - 220-240/1/50.
610 mm fans - 220-240/1/50.
- R404A pump down capacity @ 80% full for 32°C liquid temp.
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.

Air Cooled Condensing Units



- Reliable and efficient Copeland Semi-Hermetic compressors
- Generous wide finned, low noise level condensers supplied with protective coil coating
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- Specifically designed for Australasian conditions

CSCM STREAM 2200 - 3300

22 33 hp

Copeland

CAPACITY (Watts) @ 32°C Ambient

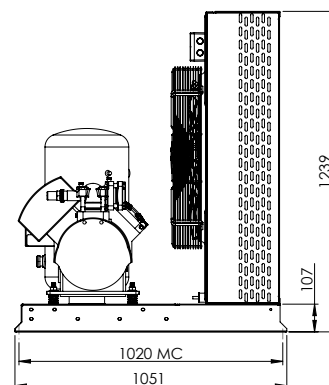
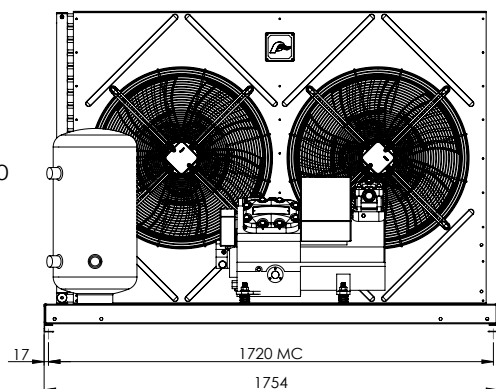
Model	Nom. hp	Refrig	Evaporating Temp °C									
			-35	-30	-25	-20	-15	-10	-5	0	5	10
CSCM2200	22.0	R407F	-	-	17090	21500	26890	33090	39980	47920	55790	67730
		R404A	12420	15600	19820	24070	29420	34740	40490	46860	-	-
CSCM2500	25.0	R407F	-	-	20300	25500	31820	39680	47980	56430	66790	78440
		R404A	14420	18410	23320	28560	34990	41530	48740	56670	-	-
CSCM3000	30.0	R407F	-	-	22300	27890	34660	42350	51000	60770	70580	85270
		R404A	16760	20930	26340	31820	38580	45290	52630	60550	-	-
CSCM3300	33.0	R407F	-	-	24720	30800	38090	46430	55810	65260	78230	94550
		R404A	18310	22730	28600	34620	41270	48550	56570	65320	-	-



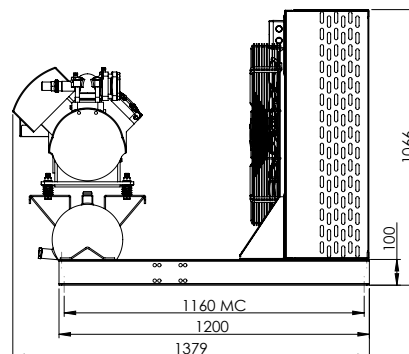
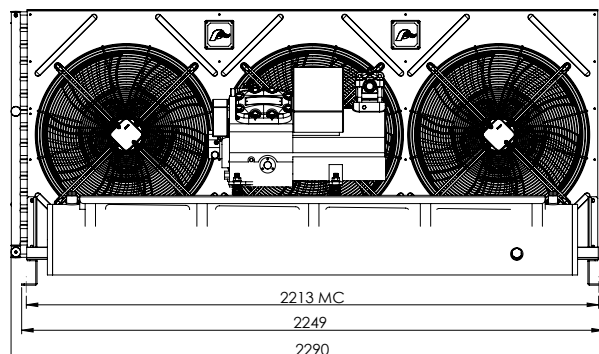
Head fan required

DIMENSIONS

CSCM2200



CSCM2500
CSCM3000
CSCM3300



NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSOR					RECEIVER	CONNECTION		Noise Level (dbA) (3)	Weight (kg)
	NOM. hp	MODEL	VOLTAGE	FLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor (1)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot Watts	Tot Amps					
CSCM2200	22.0	4MA-22X-AWM	380-420/3/50	36.3	175.0	2400	4185	2 x 610	962	4.4	36.3	1-5/8"	1-1/8"	70	430
CSCM2500	25.0	4MH-25X-AWM	380-420/3/50	41.6	199.0	3000	5760	3 x 610	1442	6.6	90.5	2-1/8"	1-1/8"	72	580
CSCM3000	30.0	4MI-30X-AWM	380-420/3/50	46.6	221.0	3000	5760	3 x 610	1442	6.6	90.5	2-1/8"	1-3/8"	72	580
CSCM3300	33.0	4MJ-33X-AWM	380-420/3/50	52.9	221.0	3000	5760	3 x 610	1442	6.6	90.5	2-1/8"	1-3/8"	72	590

NOTES:

- 610mm Fans - 220-240/1/50
- R404A pump down capacity @ 80% full for 32°C liquid temp.
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.

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

CSCM STREAM 3500 - 5000

35 50 hp

Copeland

CAPACITY (Watts) @ 32°C Ambient

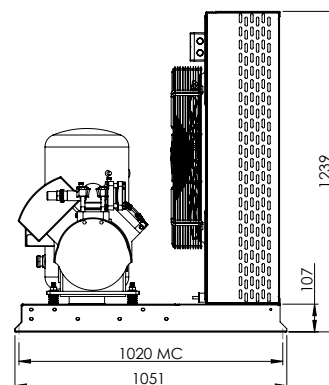
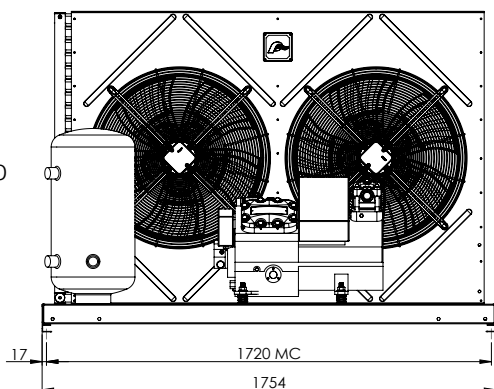
Model	Nom. hp	Refrig	Evaporating Temp °C									
			-35	-30	-25	-20	-15	-10	-5	0	5	10
CSCM3500	35.0	R407F	-	-	28050	34970	43110	52670	63440	75640	87820	106590
		R404A	20600	25950	32600	39580	47230	56770	66300	75210	2830	3355
CSCM4000	40.0	R407F	-	-	33580	41350	51410	62730	74320	88540	107610	130050
		R404A	24210	30620	37840	45880	54790	64630	73950	87310	2830	3355
CSCM4500	45.0	R407F	-	-	38760	48180	60590	73850	88860	105570	124640	145660
		R404A	27930	35480	44760	55390	66300	79640	92820	107100	-	-
CSCM5000	50.0	R407F	-	-	42620	53120	66910	81740	98590	115870	136780	162690
		R404A	31620	39290	49430	60930	72730	85660	99860	115360	3435	4050



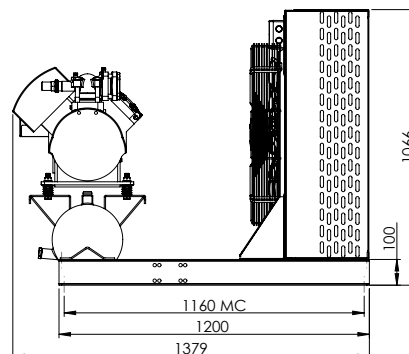
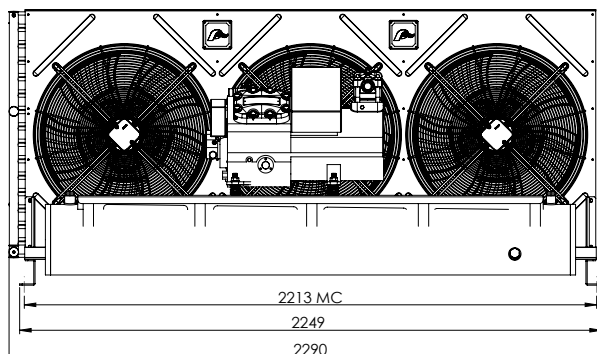
Head fan required

DIMENSIONS

CSCM2200



CSCM2500
CSCM3000
CSCM3300



NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSOR					RECEIV-ER	CONNECTION		Noise Level (dbA) (3)	Weight (kg)
	NOM. hp	MODEL	VOLTAGE	FLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor (1)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot Watts	Tot Amps					
CSCM3500	35.0	4MK-35X-AWM	380-420/3/50	61.1	255.0	3500	6970	2 x 800	1840	4.6	90.5	1-5/8"	1-3/8"	74	580
CSCM4000	40.0	6MI-40X-AWM	380-420/3/50	71.4	304.0	3500	6970	2 x 800	1840	4.6	90.5	2-1/8"	1-3/8"	76	780
CSCM4500	45.0	6MJ-45X-AWM	380-420/3/50	81.5	304.0	3000_2	11520	6 x 610	2884	13.2	90.5	2-1/8"	1-3/8"	76	780
CSCM5000	50.0	6MK-50X-AWM	380-420/3/50	92.9	393.0	3000_2	11520	6 x 610	2884	13.2	90.5	2-1/8"	1-3/8"	76	780

NOTES:

- 610mm Fans - 220-240/1/50
800mm Fans - 380-420/3/50
- R404A pump down capacity @ 80% full for 32°C liquid temp.
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.

PATTON



The company reserves the right to make specification changes without notice. 01/01/2017



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