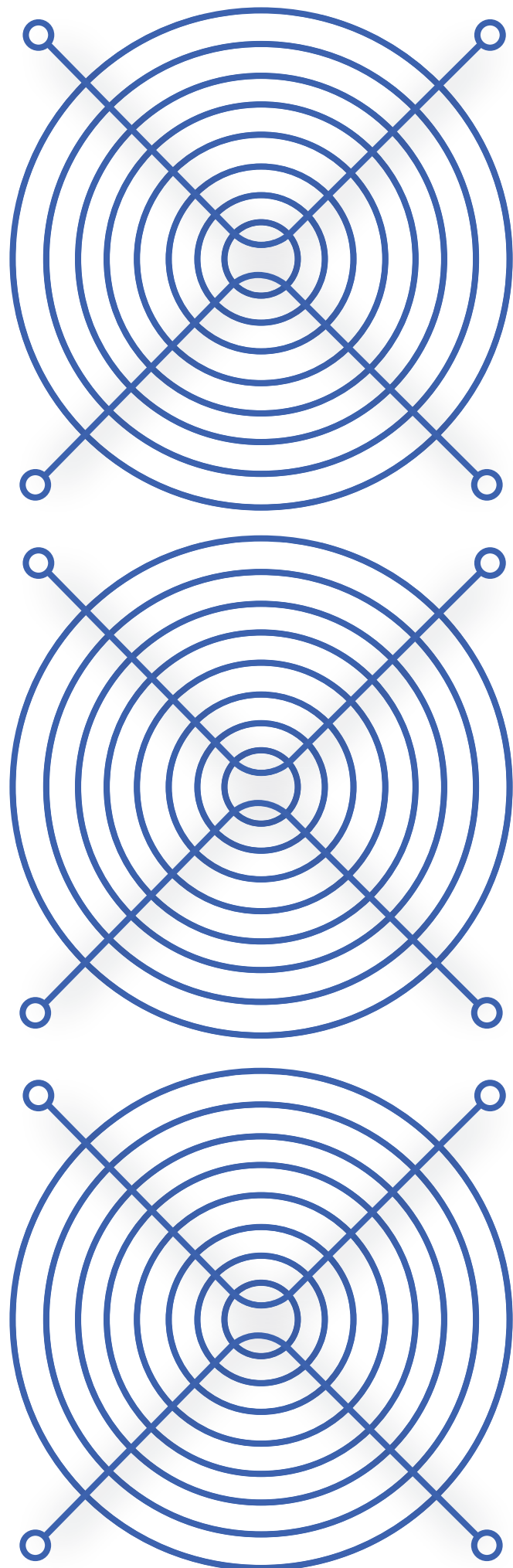




CH SERIES EVAPORATOR RANGE





Universal Features of Cabero

- Blue fins provide corrosion protection
- Fans and defrost heaters are fully wired to junction box/s (IP54) with cable glands
- High efficiency external rotor fan/s
 - 300mm and 350mm diameter are IP44
 - 500mm diameter are IP54
- Air bypass panel increases efficiency by eliminating air leakage around coil
- Separate fan compartments in all multi fan models
- Reduced dehumidification (moisture removal) and ice formation is achieved through the inline tube configuration
- Unit casings are manufactured from high grade aluminium and powder coated white for greater corrosion and hygiene protection
- Fold down drip trays make maintenance quick and easy
- Drip tray is powder coated internally for easy cleaning and is thermally decoupled and detachable from the heat exchanger casing for increased defrosting efficiency

THE CABERO ADVANTAGE

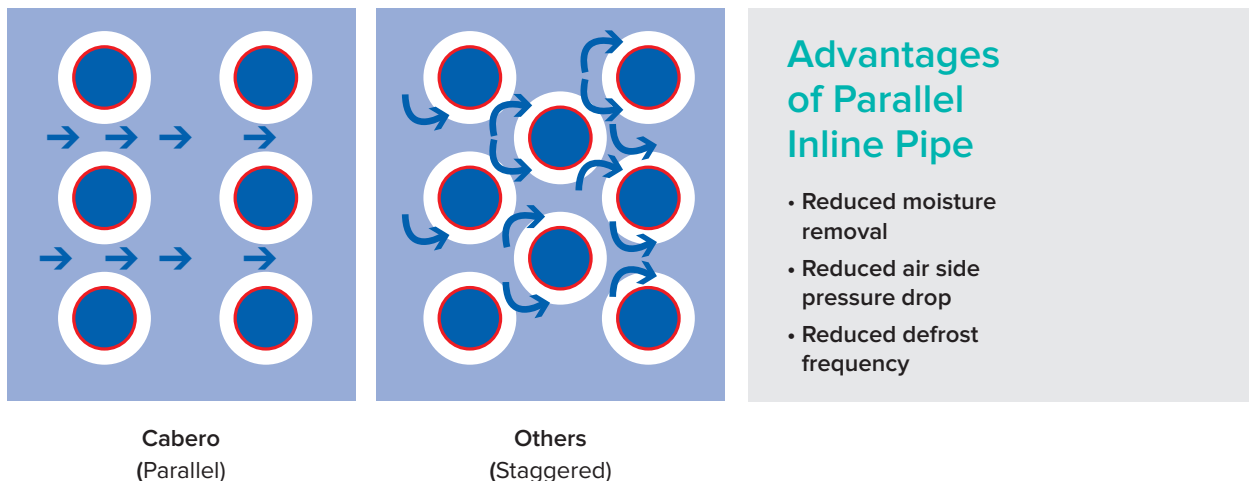
The German designed evaporator range from Cabero incorporates innovative design features that offer customers both good performance and longevity.

The professional inline tube pattern reduces dehumidification enhancing the shelf life of perishable foods such as meat, fruit and vegetables. Blue fin coating and powder coated high grade aluminium cases provide corrosion protection and improved hygiene. Standard design features make Cabero a great choice for coolrooms and freezers in applications such as convenience stores, supermarkets, pubs and clubs,

butchers, groceries, deli's, food processors, distribution centres, ice cream stores and any other walk in application.

Cabero evaporators are a key component for an efficient refrigeration system. Stable temperature and humidity ensures that sensitive products like vegetables, meat, cheese or fish will maintain optimum weight, quality and storage life.

The Cabero difference



Technical Features of Cabero

- Specially designed 12mm smooth bore thick walled copper tubes are less sensitive to pressure drop changes
- Multi refrigerant venturi type distributor suits all commonly used refrigerants
- Inline tube design of 35 x 35mm
- Refrigerant line connections are on the left hand end, when viewed from the fan side.
- Flush mounting to ceiling standard on all models
- Low noise levels due to fans design and increased depth between fan/s and coil face
- Pressure tested according to the PED 97/23/EC and EN327:2000 at 27.5 bar
- Powder coated aluminium in RAL 9010

CABERO CH SERIES

Cabero CH series evaporators are typically used in walk-in cool and freezer rooms with ceiling heights of 2 metres or more and 500mm fan models with ceiling heights of 3 metres or more. CH evaporators are commonly used in fast food outlets, butchers shops, fruit and vegetable shops and general purpose coolrooms and freezers.

Plentiful air movement is provided by the quiet and efficient 300, 350 and 500mm external rotor fan motors to reach all the products in the refrigerated space. The design combination of induced draft air flow, larger distance between the fan and coil face and the air bypass panel provides very good air throw to reach all corners of the room. CH evaporators are fully wired to reduce installation time and the easy to fold down drip tray

allows for quick and easy internal cleaning and on the low temperature models for maintenance of the drip tray defrost heater/s.

All Cabero CH evaporators use blue fin coating and 12mm smooth bore thick walled copper tubes to extend the efficient life of the evaporator. CH series evaporators are a good choice to clients wanting to maximize product quality and storage life.

Standard Features

- Walk-In profile suits cool and freezer rooms
- Powder coated smooth aluminium case
- Low energy fan/s
- Venturi distributor for multiple refrigerants
- Separate fan compartments
- 12mm smooth bore copper tubing
- Stainless steel fixings
- Fins protected with epoxy blue-fin coating
- Flush mount ceiling brackets
- Fan/s pre-wired to IP54 junction box
- Air bypass sheet with special drainage system
- Professional in-line tube configuration
- Fold down drip tray with central drain connection



CABERO CH PRO SERIES

Cabero PRO CH series evaporators have all the features of the CH models plus a fully fitted and wired electronic expansion controller and valve. The controller is IP65 rated which allows it to be fitted inside the evaporator.

The Carel EVD Ice control and expansion valve provide improved refrigeration performance and energy savings at the same time. Electronic expansion valves close 100% so a liquid line solenoid is not required. Where power failures are expected to occur an Ultracap can be added as an accessory to drive the valve closed in the event of a power failure. The Ultracap is simply mounted with the controller and plugs into the existing IP65 rated plug.

Commissioning time is significantly reduced as the controller requires only two digital input from the user. Simply select the refrigerant type and the required

superheat and the setup is complete. Mechanical TX valves which require the system to be close to design temperature before the superheat can be set, electronic expansion valves do not. Controller includes a digital display of the superheat and of any faults to make maintenance and fault find quick and easy.

Energy savings of more than 15% can be achieved by allowing the condensing pressure / temperature to float down with the ambient temperature as electronic expansion valves are not dependant on pressure drop like mechanical TX valves.

Standard Features

- Fast clips securing access panels
- Fully fitted and wired electronic expansion valve
- Fully fitted and wired electronic expansion valve controller
- Expansion valve controller pre-configured for many refrigerants
- Digital display of superheat and fault codes
- Simple control via 240V input
- RS485 connections to suit Carel Ultracella refrigeration system controller
- Walk in profile suits cool and freezer rooms
- Powder coated smooth aluminium case
- External rotor fan/s
- Venturi distributor for multiple refrigerants
- Professional 12mm In-line tube configuration
- Blue fin protective coating on aluminium fins
- Pre-wired fans to IP54 junction box
- Air by-pass sheet with special drainage system
- Fold down drip tray with central drain connection



CH SERIES - MEDIUM TEMPERATURE SELECTION DATA

Cat. No.	Part No.	Capacity @ -8°C SST & 8 KTD : Watts		Capacity @ -4°C SST & 6 KTD : Watts		Air Flow l/s	Air Throw m	No. & Dia. of Fans	Fan Motors			Connections	
		R404A (EN 328 SC2)	R134a (EN 328 SC2)	R404A (EN 328)	R134a (EN 328)				Total Watts	Total Amps	Heat/24 Hrs Total Watts	Liq."	Suct."

300mm and 350mm Diameter Fan Model - 4mm Fin Spacing

2710355	CH4B1/30-1	2120	1929	1611	1466	439	6	1 x 300	62	0.28	1488	1/2	1/2							
2710356	CH4C1/30-1	2590	2357	1968	1791	428							7	1 x 350	130	0.58	3120	1/2		
2710357	CH4B1/35-1	3060	2785	2326	2116	689	2 x 300	124	0.56	2976	3/4									
2710358	CH4C1/35-1	3980	3622	3025	2753	664								6	1 x 350	130	0.58	3120		
2710359	CH4B2/30-1	4240	3858	3222	2932	878	7	2 x 300	124	0.56									2976	
2710360	CH4D1/35-1	4530	4122	3443	3133	622							9	2 x 350	260	1.16	6240	7/8		
	CH4E1/35-1	4850	4414	3686	3354	586	8	1230	1183	5/8	1 1/8									
2710361	CH4C2/30-1	5170	4705	3929	3576	856							10						3 x 350	390
2710362	CH4B2/35-1	6480	5897	4925	4482	1383	9	4 x 350	520											
2710363	CH4C2/35-1	7970	7253	6057	5512	1322														
2710364	CH4D2/35-1	9000	8190	6840	6224	1230														
2710365	CH4E2/35-1	9890	9000	7516	6840	1183														
2710366	CH4C3/35-1	11910	10838	9052	8237	1936	9	3 x 350	390	1.74	9360	7/8	1 3/8							
2710367	CH4D3/35-1	13850	12604	10526	9579	1839								4 x 350	520	2.32	12480			
2710368	CH4E3/35-1	14940	13595	11354	10333	1761														
2710369	CH4D4/35-1	18470	16808	14037	12774	2439														
2710370	CH4E4/35-1	20800	18928	15808	14385	2358														

500mm Diameter Fan Model - 4mm Fin Spacing

	CH4C1/50-1	11460	10429	8710	7926	2033	26	1 x 500	730	1.35	17520	5/8	1 1/8
2710371	CH4D1/50-1	13740	12503	10442	9503	1975	25						
	CH4E1/50-1	15190	13823	11544	10505	1922	24						
2710372	CH4G1/50-1	17450	15880	13262	12068	1808	22	2 x 500	1460	2.70	35040	7/8	1 3/8
2710373	CH4C2/50-1	23220	21130	17647	16059	4067	27						1 5/8
2710374	CH4D2/50-1	27690	25198	21044	19150	3950	26						
2710375	CH4E2/50-1	30720	27955	23347	21246	3844	25						
2710376	CH4G2/50-1	35400	32214	26904	24483	3617	23	3 x 500	2190	4.05	52560	1 1/8	2 1/8
2710377	CH4D3/50-1	41490	37756	31532	28694	5925	26						
2710378	CH4E3/50-1	46640	42442	35446	32256	5767	25						
2710379	CH4G3/50-1	51680	47029	39277	35742	5425	23						
3509085	CH4D4/50-1	52900	48139	40204	36586	7900	26	4 x 500	2920	5.4	70080	1 3/8	2 5/8
3509086	CH4E4/50-1	58850	53554	44726	40701	7689	25						
3509087	CH4G4/50-1	67070	61034	50973	46386	7233	23						

Refrigerant Correction Multiplier

Refrigerant	R404A	R507	R134a	R22
Capacity Multiplier	1.0	1.0	0.91	0.95

*Internally equalised expansion valve required.

CH SERIES - MEDIUM TEMPERATURE DIMENSION DATA

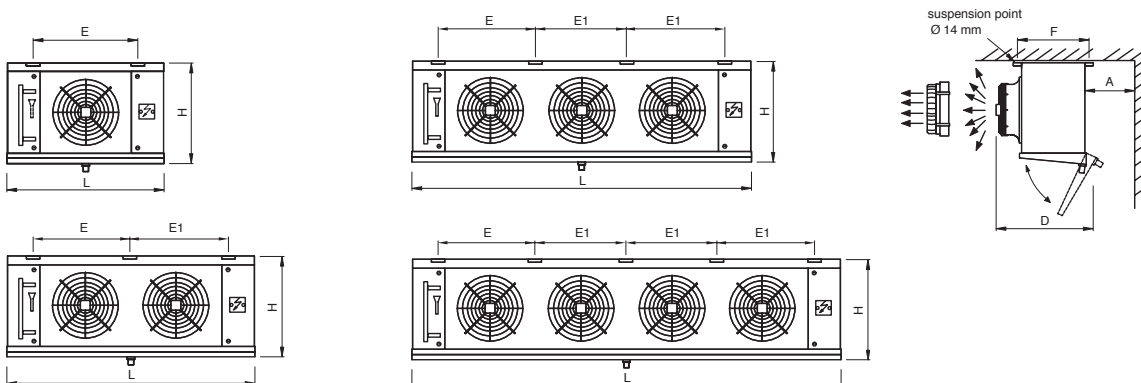
Cat. No.	Part No.	Drain BSP"	Weight kg	Overall Dim: mm						
				L	D	H	E	E1	F	A

300mm and 350mm Diameter Fan Model - 4mm Fin Spacing

2710355	CH4B1/30-1	1	19	780	470	470	490	NA	415	400
2710356	CH4C1/30-1	1	22	780	470	470	490	NA	415	400
2710357	CH4B1/35-1	1	26	980	530	470	690	NA	415	400
2710358	CH4C1/35-1	1	28	980	530	470	690	NA	415	400
2710359	CH4B2/30-1	1	34	1230	470	470	940	NA	415	400
2710360	CH4D1/35-1	1	30	980	530	470	690	NA	415	400
	CH4E1/35-1	1	32	980	530	470	690	NA	415	400
2710361	CH4C2/30-1	1	38	1230	470	470	940	NA	415	400
2710362	CH4B2/35-1	1	43	1630	530	470	1340	NA	415	400
2710363	CH4C2/35-1	1	47	1630	530	470	1340	NA	415	400
2710364	CH4D2/35-1	1	53	1630	530	470	1340	NA	415	400
2710365	CH4E2/35-1	1	58	1630	530	470	1340	NA	415	400
2710366	CH4C3/35-1	1	69	2360	530	470	1990	NA	415	400
2710367	CH4D3/35-1	1	75	2360	530	470	1990	NA	415	400
2710368	CH4E3/35-1	1	82	2360	530	470	1990	NA	415	400
2710369	CH4D4/35-1	1	98	3010	530	470	1340	1300	415	400
2710370	CH4E4/35-1	1	107	3010	530	470	1340	1300	415	400

500mm Diameter Fan Model - 4mm Fin Spacing

	CH4C1/50-1	1 1/4	96	1494	720	750	1120	NA	510	550
2710371	CH4D1/50-1	1 1/4	103	1494	720	720	1120	NA	510	550
	CH4E1/50-1	1 1/4	110	1494	720	720	1120	NA	510	550
2710372	CH4G1/50-1	1 1/4	128	1494	790	790	1120	NA	580	550
2710373	CH4C2/50-1	1 1/4	164	2574	720	720	1120	1080	510	550
2710374	CH4D2/50-1	1 1/4	178	2574	720	720	1120	1080	510	550
2710375	CH4E2/50-1	1 1/4	191	2574	720	720	1120	1080	510	550
2710376	CH4G2/50-1	1 1/4	222	2574	790	790	1120	1080	580	550
2710377	CH4D3/50-1	1 1/4	250	3654	720	720	1120	1080	510	550
2710378	CH4E3/50-1	1 1/4	271	3654	720	720	1120	1080	510	550
2710379	CH4G3/50-1	1 1/4	318	3654	790	790	1120	1080	580	550
3509085	CH4D4/50-1	2	321	4014	720	880	940	900	510	550
3509086	CH4E4/50-1	2	351	4014	720	880	940	900	510	550
3509087	CH4G4/50-1	2	414	4014	790	880	940	900	580	550



FOR ALL WIRING DIAGRAMS AND INSTALLATION INSTRUCTIONS VISIT WWW.ACTROL.COM.AU

CH E SERIES - LOW TEMPERATURE SELECTION DATA

Cat. No.	Part No.	Capacity @ -25°C SST & 7 KTD : Watts	Capacity @ -24°C SST & 6 KTD : Watts	Air Flow l/s	Air Throw m	No. & Diam. of Fans	Fan Motors			Defrost Heaters 240 Volt			Connections	
		"R404A (EN 328 SC3)"	"R404A (EN 328)"				Total Watts	Total Amps	Heat/ 24 Hrs Total Watts	Coil No. & Watts	Drip Tray No. & Watts	Total Amps	Liq."	Suct."

300mm and 350mm Diameter Fan Model - 4mm Fin Spacing

2710381	CH4B1/30E-1	1590	1363	439	6	1 x 300	62	0.28	1488	2 x 450	1 x 450	5.6	1/2	1/2									
2710382	CH4C1/30E-1	1820	1560	428										7	1 x 350	130	0.58	3120	2 x 650	1 x 650	8.1	1/2	
2710383	CH4B1/35E-1	2310	1980	689																		5/8	
2710384	CH4C1/35E-1	2950	2529	664	2 x 300	124	0.56	2976	2 x 850	1 x 850	10.6	3/4											
2710385	CH4B2/30E-1	3180	2726	878																			
	CH4D1/35E-1	3310	2837	622																			
2710386	CH4E1/35E-1	3450	2957	586	6	1 x 350	130	0.58	3120	4 x 650	1 x 650	13.5		7/8									
2710387	CH4C2/30E-1	3650	3129	856	7										2 x 350	124	0.56	2976	2 x 850	1 x 850	10.6		
2710388	CH4B2/35E-1	5040	4320	1383	9																		
2710389	CH4C2/35E-1	6100	5229	1322		8	260	1.16	6240	2 x 1200	1 x 1200	15.0											
2710390	CH4D2/35E-1	6890	5906	1230									4 x 1200	25.0	5/8								
2710391	CH4E2/35E-1	7210	6180	1183	10											3 x 350	390	1.74	9360	2 x 1750	1 x 1750	21.8	1 1/8
2710392	CH4C3/35E-1	9080	7783	1936		9	4 x 350	520	2.32	12480	4 x 2300	1 x 2300											
	CH4D3/35E-1	10290	8820	1839																			
2710393	CH4E3/35E-1	10790	9249	1761																			
2710394	CH4D4/35E-1	13760	11794	2439																			
2710395	CH4E4/35E-1	14900	12771	2358																			

500mm Diameter Fan Model - 4mm Fin Spacing

2710396	CH4C1/50E-1	8310	7123	2033	26	1 x 500	730	1.35	17520	3 x 850	2 x 850	17.7	5/8	1 1/8
	CH4D1/50E-1	10300	8829	1975	25					5 x 850		24.8		
2710397	CH4E1/50E-1	10990	9420	1922	24					6 x 850		28.3		
	CH4G1/50E-1	12570	10774	1808	22	2 x 500	1460	2.70	35040	3 x 1650	2 x 1650	34.4	7/8	1 5/8
2710398	CH4C2/50E-1	17000	14571	4067	27					5 x 1650		48.1		
	CH4D2/50E-1	20950	17957	3950	26					6 x 1650		55.0		
2710399	CH4E2/50E-1	22420	19217	3844	25	3 x 500	2190	4.05	52560	5 x 2450	2 x 2450	71.5	1 1/8	2 1/8
2710400	CH4G2/50E-1	26120	22389	3617	23							81.7		
2710401	CH4D3/50E-1	30770	26374	5925	26									
	CH4E3/50E-1	34820	29846	5767	25	4 x 500	2920	5.4	70080	7 x 2600	2 x 2600	97.5	1 3/8	2 5/8
2710403	CH4G3/50E-1	36800	31543	5425	23									
3509088	CH4D4/50E-1	39070	33489	7900	26									
3509089	CH4E4/50E-1	42920	36789	7689	25									
3509090	CH4G4/50E-1	48260	41366	7233	23									

Refrigerant Correction Multiplier

Refrigerant	R404A	R507	R134a	R22
Capacity Multiplier	1.0	1.0	0.85	0.95

*Internally equalised expansion valve required.

CH E SERIES - LOW TEMPERATURE DIMENSION DATA

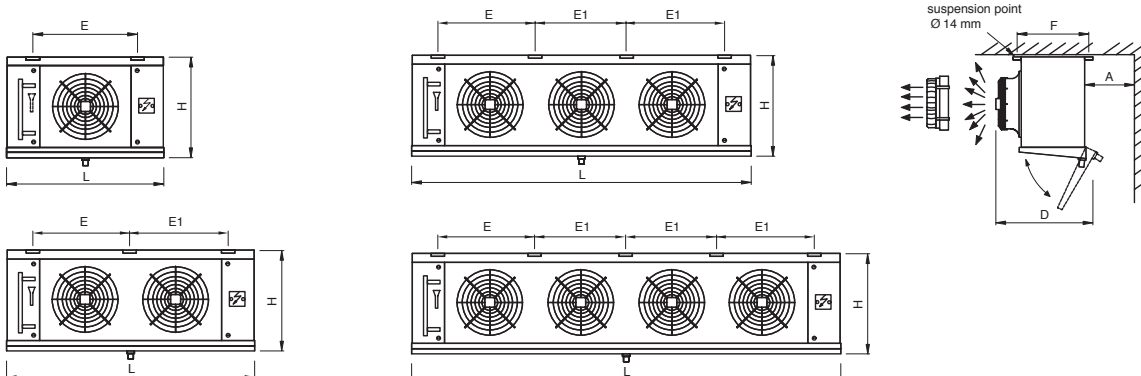
Cat. No.	Part No.	Drain BSP"	Weight kg	Overall Dim: mm						
				L	D	H	E	E1	F	A

300mm and 350mm Diameter Fan Model - 4mm Fin Spacing

2710381	CH4B1/30E-1	1	19	780	470	470	490	NA	415	400
2710382	CH4C1/30E-1	1	22	780	470	470	490	NA	415	400
2710383	CH4B1/35E-1	1	26	980	530	470	690	NA	415	400
2710384	CH4C1/35E-1	1	28	980	530	470	690	NA	415	400
2710385	CH4B2/30E-1	1	34	1230	470	470	940	NA	415	400
	CH4D1/35E-1	1	30	980	530	470	690	NA	415	400
2710386	CH4E1/35E-1	1	32	980	530	470	690	NA	415	400
2710387	CH4C2/30E-1	1	38	1230	470	470	940	NA	415	400
2710388	CH4B2/35E-1	1	43	1630	530	470	1340	NA	415	400
2710389	CH4C2/35E-1	1	47	1630	530	470	1340	NA	415	400
2710390	CH4D2/35E-1	1	53	1630	530	470	1340	NA	415	400
2710391	CH4E2/35E-1	1	58	1630	530	470	1340	NA	415	400
2710392	CH4C3/35E-1	1	69	2360	530	470	1990	NA	415	400
	CH4D3/35E-1	1	75	2360	530	470	1990	NA	415	400
2710393	CH4E3/35E-1	1	82	2360	530	470	1990	NA	415	400
2710394	CH4D4/35E-1	1	98	3010	530	470	1340	1300	415	400
2710395	CH4E4/35E-1	1	107	3010	530	470	1340	1300	415	400

500mm Diameter Fan Model - 4mm Fin Spacing

2710396	CH4C1/50E-1	1 1/4	98	1494	720	750	1120	NA	510	550
	CH4D1/50E-1	1 1/4	105	1494	720	720	1120	NA	510	550
2710397	CH4E1/50E-1	1 1/4	112	1494	720	720	1120	NA	510	550
	CH4G1/50E-1	1 1/4	130	1494	790	790	1120	NA	580	550
2710398	CH4C2/50E-1	1 1/4	167	2574	720	720	1120	1080	510	550
	CH4D2/50E-1	1 1/4	181	2574	720	720	1120	1080	510	550
2710399	CH4E2/50E-1	1 1/4	194	2574	720	720	1120	1080	510	550
2710400	CH4G2/50E-1	1 1/4	225	2574	790	790	1120	1080	580	550
2710401	CH4D3/50E-1	1 1/4	254	3654	720	720	1120	1080	510	550
	CH4E3/50E-1	1 1/4	275	3654	720	720	1120	1080	510	550
2710403	CH4G3/50E-1	1 1/4	322	3654	790	790	1120	1080	580	550
3509088	CH4D4/50E-1	2	330	4014	720	880	940	900	510	550
3509089	CH4E4/50E-1	2	360	4014	720	880	940	900	510	550
3509090	CH4G4/50E-1	2	423	4014	790	880	940	900	580	550



FOR ALL WIRING DIAGRAMS AND INSTALLATION INSTRUCTIONS VISIT WWW.ACTROL.COM.AU

CH PRO SERIES - MEDIUM TEMPERATURE SELECTION DATA

Cat. No.	Part No.	Capacity @ -8°C SST & 8 KTD : Watts		Capacity @ -4°C SST & 6 KTD : Watts		Air Flow l/s	Air Throw m	No. & Dia. of Fans	Fan Motors			Connections	
		R404A (EN 328 SC2)	R134a (EN 328 SC2)	R404A (EN 328)	R134a (EN 328)				Total Watts	Total Amps	Heat/24 Hrs Total Watts	Liq."	Suct."

300mm and 350mm Diameter Fan Model - 4mm Fin Spacing

3511000	CH4B1/30-1 EVD	2120	1929	1611	1466	439	6	1 × 300	62	0.28	1488	1/2	1/2
3511001	CH4C1/30-1 EVD	2590	2357	1968	1791	428							1/2
3511002	CH4B1/35-1 EVD	3060	2785	2326	2116	689	7	1 × 350	130	0.58	3120		5/8
3511003	CH4C1/35-1 EVD	3980	3622	3025	2753	664							3/4
3511004	CH4B2/30-1 EVD	4240	3858	3222	2932	878	6	2 × 300	124	0.56	2976		3/4
3511005	CH4D1/35-1 EVD	4530	4122	3443	3133	622							
	CH4E1/35-1 EVD	4850	4414	3686	3354	586	7	1 × 350	130	0.58	3120		3/4
3511006	CH4C2/30-1 EVD	5170	4705	3929	3576	856							
3511007	CH4B2/35-1 EVD	6480	5897	4925	4482	1383	9	2 × 350	260	1.16	6240		7/8
3511008	CH4C2/35-1 EVD	7970	7253	6057	5512	1322							
3511009	CH4D2/35-1 EVD	9000	8190	6840	6224	1230	8	3 × 350	390	1.16	6240	5/8	1 1/8
3511010	CH4E2/35-1 EVD	9890	9000	7516	6840	1183							
3511011	CH4C3/35-1 EVD	11910	10838	9052	8237	1936	10	3 × 350	390	1.74	9360	5/8	1 1/8
3511012	CH4D3/35-1 EVD	13850	12604	10526	9579	1839	9						
3511013	CH4E3/35-1 EVD	14940	13595	11354	10333	1761		4 × 350	520	2.32	12480	7/8	1 3/8
3511014	CH4D4/35-1 EVD	18470	16808	14037	12774	2439							
3511015	CH4E4/35-1 EVD	20800	18928	15808	14385	2358							

500mm Diameter Fan Model - 4mm Fin Spacing

	CH4C1/50-1 EVD	11460	10429	8710	7926	2033	26	1 x 500	730	1.35	17520	5/8	1 1/8
3511017	CH4D1/50-1 EVD	13740	12503	10442	9503	1975	25						
	CH4E1/50-1 EVD	15190	13823	11544	10505	1922	24						
3511018	CH4G1/50-1 EVD	17450	15880	13262	12068	1808	22						
3511019	CH4C2/50-1 EVD	23220	21130	17647	16059	4067	27	2 x 500	1460	2.70	35040	7/8	1 5/8
3511016	CH4D2/50-1 EVD	27690	25198	21044	19150	3950	26						
3511020	CH4E2/50-1 EVD	30720	27955	23347	21246	3844	25						
3509076	CH4G2/50-1 EVD	35400	32214	26904	24483	3617	23						
3509077	CH4D3/50-1 EVD	41490	37756	31532	28694	5925	26	3 x 500	2190	4.05	52560	1 1/8	2 1/8
3509078	CH4E3/50-1 EVD	46640	42442	35446	32256	5767	25						
3509079	CH4G3/50-1 EVD	51680	47029	39277	35742	5425	23						

Refrigerant Correction Multiplier

Refrigerant	R404A	R507	R134a	R22
Capacity Multiplier	1.0	1.0	0.91	0.95

*Internally equalised expansion valve required.

CH PRO SERIES - MEDIUM TEMPERATURE DIMENSION DATA

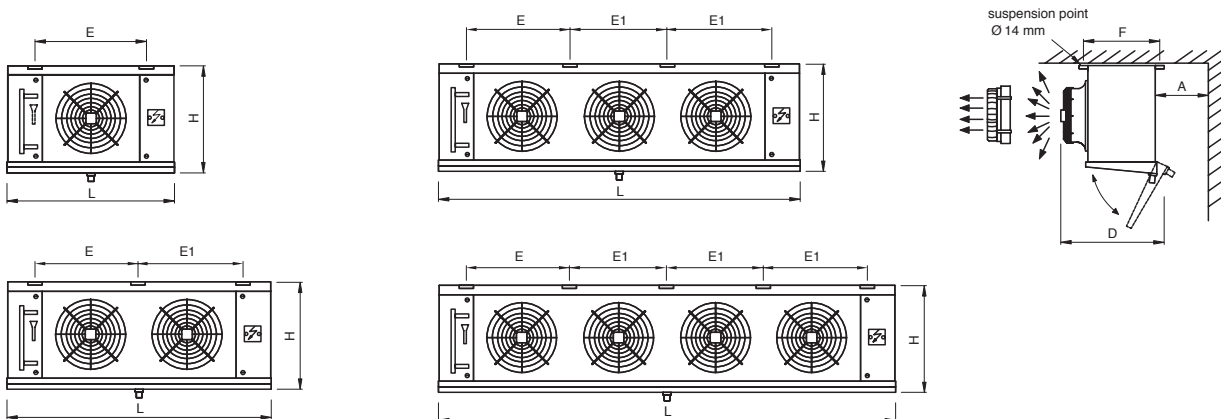
Cat. No.	Part No.	Drain BSP"	Weight kg	Overall Dim: mm						
				L	D	H	E	E1	F	A

300mm and 350mm Diameter Fan Model - 4mm Fin Spacing

3511000	CH4B1/30-1 EVD	1	19	780	470	470	490	NA	415	400
3511001	CH4C1/30-1 EVD	1	22	780	470	470	490	NA	415	400
3511002	CH4B1/35-1 EVD	1	26	980	530	470	690	NA	415	400
3511003	CH4C1/35-1 EVD	1	28	980	530	470	690	NA	415	400
3511004	CH4B2/30-1 EVD	1	34	1230	470	470	940	NA	415	400
3511005	CH4D1/35-1 EVD	1	30	980	530	470	690	NA	415	400
	CH4E1/35-1 EVD	1	32	980	530	470	690	NA	415	400
3511006	CH4C2/30-1 EVD	1	38	1230	470	470	940	NA	415	400
3511007	CH4B2/35-1 EVD	1	43	1630	530	470	1340	NA	415	400
3511008	CH4C2/35-1 EVD	1	47	1630	530	470	1340	NA	415	400
3511009	CH4D2/35-1 EVD	1	53	1630	530	470	1340	NA	415	400
3511010	CH4E2/35-1 EVD	1	58	1630	530	470	1340	NA	415	400
3511011	CH4C3/35-1 EVD	1	69	2360	530	470	1990	NA	415	400
3511012	CH4D3/35-1 EVD	1	75	2360	530	470	1990	NA	415	400
3511013	CH4E3/35-1 EVD	1	82	2360	530	470	1990	NA	415	400
3511014	CH4D4/35-1 EVD	1	98	3010	530	470	1340	1300	415	400
3511015	CH4E4/35-1 EVD	1	107	3010	530	470	1340	1300	415	400

500mm Diameter Fan Model - 4mm Fin Spacing

	CH4C1/50-1 EVD	1 1/4	96	1560	720	750	1120	NA	510	550
3511017	CH4D1/50-1 EVD	1 1/4	103	1560	720	720	1120	NA	510	550
	CH4E1/50-1 EVD	1 1/4	110	1560	720	720	1120	NA	510	550
3511018	CH4G1/50-1 EVD	1 1/4	128	1560	790	790	1120	NA	580	550
3511019	CH4C2/50-1 EVD	1 1/4	164	2640	720	720	1120	1080	510	550
3511016	CH4D2/50-1 EVD	1 1/4	178	2640	720	720	1120	1080	510	550
3511020	CH4E2/50-1 EVD	1 1/4	191	2640	720	720	1120	1080	510	550
3509076	CH4G2/50-1 EVD	1 1/4	222	3720	790	790	1120	1080	580	550
3509077	CH4D3/50-1 EVD	1 1/4	250	3720	720	720	1120	1080	510	550
3509078	CH4E3/50-1 EVD	1 1/4	271	3720	720	720	1120	1080	510	550
3509079	CH4G3/50-1 EVD	1 1/4	318	3720	790	790	1120	1080	580	550



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CH PRO E SERIES - LOW TEMPERATURE SELECTION DATA

Cat. No.	Part No.	Capacity @ -25°C SST & 7 KTD : Watts	Capacity @ -24°C SST & 6 KTD : Watts	Air Flow l/s	Air Throw m	No. & Dia. of Fans	Fan Motors			Connections	
		"R404A (EN 328 SC3)"	"R404A (EN 328)"				Total Watts	Total Amps	Heat/24 Hrs Total Watts	Liq."	Suct."

300mm and 350mm Diameter Fan Model - 4mm Fin Spacing

3511021	CH4B1/30E-1 EVD	1590	1363	439	6	1 × 300	62	0.28	1488	1/2	1/2
3511022	CH4C1/30E-1 EVD	1820	1560	428							1/2
3511023	CH4B1/35E-1 EVD	2310	1980	689	7	1 × 350	130	0.58	3120		5/8
3511024	CH4C1/35E-1 EVD	2950	2529	664							5/8
3511025	CH4B2/30E-1 EVD	3180	2726	878	6	2 × 300	124	0.56	2976		3/4
	CH4D1/35E-1 EVD	3310	2837	622							
3511026	CH4E1/35E-1 EVD	3450	2957	586	7	1 × 350	130	0.58	3120		
3511027	CH4C2/30E-1 EVD	3650	3129	856	9	2 × 300	124	0.56	2976		7/8
3511028	CH4B2/35E-1 EVD	5040	4320	1383							
3511029	CH4C2/35E-1 EVD	6100	5229	1322	8	2 × 350	260	1.16	6240	5/8	
3511030	CH4D2/35E-1 EVD	6890	5906	1230							
3511031	CH4E2/35E-1 EVD	7210	6180	1183	10	3 × 350	390	1.74	9360		1 1/8
3511032	CH4C3/35E-1 EVD	9080	7783	1936							
	CH4D3/35E-1 EVD	10290	8820	1839	9	4 × 350	520	2.32	12480	7/8	1 3/8
3511033	CH4E3/35E-1 EVD	10790	9249	1761							
3511034	CH4D4/35E-1 EVD	13760	11794	2439							
3511035	CH4E4/35E-1 EVD	14900	12771	2358							

500mm Diameter Fan Model - 4mm Fin Spacing

3511036	CH4C1/50E-1 EVD	8310	7123	2033	26	1 x 500	730	1.35	17520	5/8	1 1/8
	CH4D1/50E-1 EVD	10300	8829	1975	25						
3511037	CH4E1/50E-1 EVD	10990	9420	1922	24						
	CH4G1/50E-1 EVD	12570	10774	1808	22	2 x 500	1460	2.70	35040	7/8	1 3/8
3511038	CH4C2/50E-1 EVD	17000	14571	4067	27						
	CH4D2/50E-1 EVD	20950	17957	3950	26						
3511039	CH4E2/50E-1 EVD	22420	19217	3844	25						
3509080	CH4G2/50E-1 EVD	26120	22389	3617	23	3 x 500	2190	4.05	52560	1 1/8	2 1/8
3509081	CH4D3/50E-1 EVD	30770	26374	5925	26						
	CH4E3/50E-1 EVD	34820	29846	5767	25						
3509082	CH4G3/50E-1 EVD	36800	31543	5425	23						

Refrigerant Correction Multiplier

Refrigerant	R404A	R507	R134a	R22
Capacity Multiplier	1.0	1.0	0.85	0.95

*Internally equalised expansion valve required.

CH PRO E SERIES - LOW TEMPERATURE DIMENSION DATA

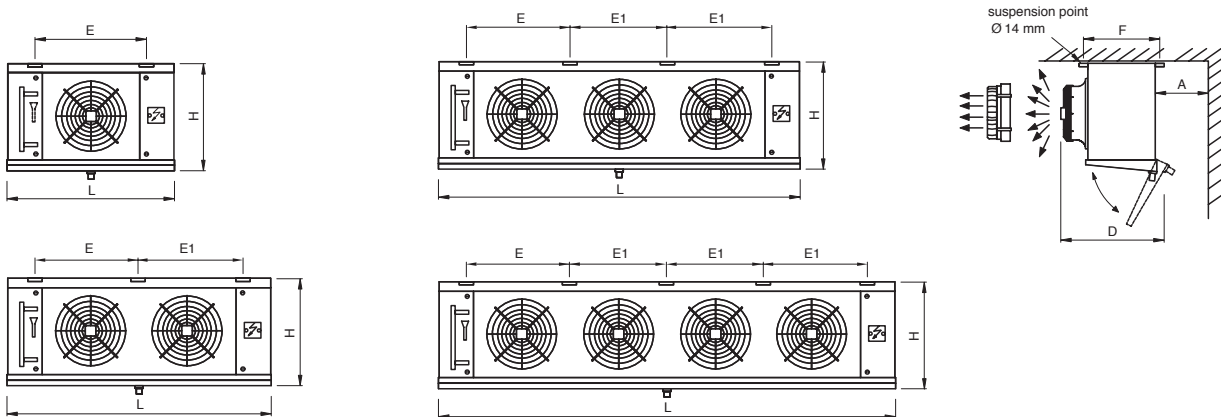
Cat. No.	Part No.	Drain BSP"	Weight kg	Overall Dim: mm						
				L	D	H	E	E1	F	A

300mm and 350mm Diameter Fan Model - 4mm Fin Spacing

3511021	CH4B1/30E-1 EVD	1	19	780	470	470	490	NA	415	400
3511022	CH4C1/30E-1 EVD	1	22	780	470	470	490	NA	415	400
3511023	CH4B1/35E-1 EVD	1	26	980	530	470	690	NA	415	400
3511024	CH4C1/35E-1 EVD	1	28	980	530	470	690	NA	415	400
3511025	CH4B2/30E-1 EVD	1	34	1230	470	470	940	NA	415	400
	CH4D1/35E-1 EVD	1	30	980	530	470	690	NA	415	400
3511026	CH4E1/35E-1 EVD	1	32	980	530	470	690	NA	415	400
3511027	CH4C2/30E-1 EVD	1	38	1230	470	470	940	NA	415	400
3511028	CH4B2/35E-1 EVD	1	43	1630	530	470	1340	NA	415	400
3511029	CH4C2/35E-1 EVD	1	47	1630	530	470	1340	NA	415	400
3511030	CH4D2/35E-1 EVD	1	53	1630	530	470	1340	NA	415	400
3511031	CH4E2/35E-1 EVD	1	58	1630	530	470	1340	NA	415	400
3511032	CH4C3/35E-1 EVD	1	69	2360	530	470	1990	NA	415	400
	CH4D3/35E-1 EVD	1	75	2360	530	470	1990	NA	415	400
3511033	CH4E3/35E-1 EVD	1	82	2360	530	470	1990	NA	415	400
3511034	CH4D4/35E-1 EVD	1	98	3010	530	470	1340	1300	415	400
3511035	CH4E4/35E-1 EVD	1	107	3010	530	470	1340	1300	415	400

500mm Diameter Fan Model - 4mm Fin Spacing

3511036	CH4C1/50E-1 EVD	1 1/4	98	1560	720	750	1120	NA	510	550
	CH4D1/50E-1 EVD	1 1/4	105	1560	720	720	1120	NA	510	550
3511037	CH4E1/50E-1 EVD	1 1/4	112	1560	720	720	1120	NA	510	550
	CH4G1/50E-1 EVD	1 1/4	130	1560	790	790	1120	NA	580	550
3511038	CH4C2/50E-1 EVD	1 1/4	167	2640	720	720	1120	1080	510	550
	CH4D2/50E-1 EVD	1 1/4	181	2640	720	720	1120	1080	510	550
3511039	CH4E2/50E-1 EVD	1 1/4	194	2640	720	720	1120	1080	510	550
3509080	CH4G2/50E-1 EVD	1 1/4	225	3720	790	790	1120	1080	580	550
3509081	CH4D3/50E-1 EVD	1 1/4	254	3720	720	720	1120	1080	510	550
	CH4E3/50E-1 EVD	1 1/4	275	3720	720	720	1120	1080	510	550
3509082	CH4G3/50E-1 EVD	1 1/4	322	3720	790	790	1120	1080	580	550



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CH SERIES - WATER DEFROST EVAPORATORS SELECTION DATA

Cat. No.	Part No.	Capacity @ -8°C SST & 8 KTD : Watts		Capacity @ -4°C SST & 6 KTD : Watts		Air Flow l/s	Air Throw m	No. & Dia. of Fans	Fan Motors		
		R404A (EN 328 SC2)	R134a (EN 328 SC2)	R404A (EN 328)	R134a (EN 328)				Total Watts	Total Amps	Heat/24 Hrs Total Watts

Water Defrost Evaporators

3509010	CH4C2/50W-1	23220	21130	17647	16059	4067	27	2 x 500	1460	2.7	35040
3509011	CH4D2/50W-1	27690	25198	21044	19150	3950	26				
3509012	CH4E2/50W-1	30720	27955	23347	21246	3844	25				
3509013	CH4G2/50W-1	35400	32214	26904	24483	3617	23				
3509014	CH4D3/50W-1	14490	37756	31532	28694	5925	26	3 x 500	2190	4.1	52560
3509015	CH4E3/50W-1	46640	42442	35446	32256	5767	25				
3509016	CH4G3/50W-1	51680	47029	39277	35742	5425	23				
3509017	CH4D4/50W-1	52900	48139	40204	36586	7900	26				
3509018	CH4E4/50W-1	58850	53554	44726	40701	7689	25	4 x 500	2920	5.4	70080
3509019	CH4G4/50W-1	67070	61034	50973	46386	7233	23				

Cat. No.	Part No.	Water Defrost			Connections	
		Inlet BSP "	Outlet BSP "	Flow Rate l/s	Liq."	Suct."
3509010	CH4C2/50W-1	1 1/2	3	1.8	7/8	1 3/8
3509011	CH4D2/50W-1	1 1/2	3	2.0	7/8	1 5/8
3509012	CH4E2/50W-1	1 1/2	3	2.3	7/8	1 5/8
3509013	CH4G2/50W-1	2	3	2.9	7/8	1 5/8
3509014	CH4D3/50W-1	2	4	3.0	7/8	2 1/8
3509015	CH4E3/50W-1	2	4	3.4	1 1/8	2 1/8
3509016	CH4G3/50W-1	2	4	4.3	1 1/8	2 1/8
3509017	CH4D4/50W-1	2	4	3.3	1 1/8	2 1/8
3509018	CH4E4/50W-1	2	4	3.8	1 3/8	2 1/8
3509019	CH4G4/50W-1	2	4	4.7	1 3/8	2 5/8

Refrigerant Correction Multiplier

Refrigerant	R404A	R507	R134a	R22
Capacity Multiplier	1.0	1.0	0.91	0.95

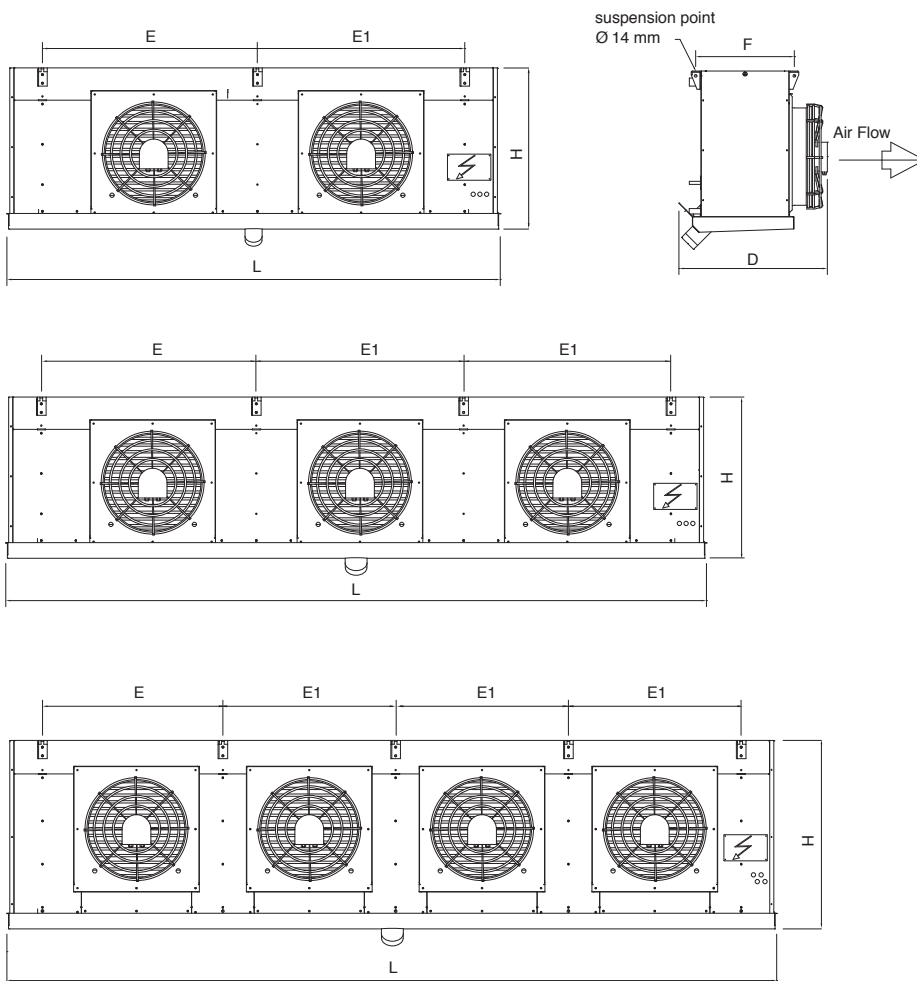
*Internally equalised expansion valve required.

CH SERIES - WATER DEFROST EVAPORATORS DIMENSION DATA

Cat. No.	Part No.	Weight kg	Overall Dim: mm						
			L	D	H	E	E1	F	A

500mm Diameter Fan Model - 4mm Fin Spacing

3509010	CH4C2/50W-1	190	2570	793	840	1120	1080	514	550
3509011	CH4D2/50W-1	205	2570	793	840	1120	1080	514	550
3509012	CH4E2/50W-1	220	2570	793	840	1120	1080	514	550
3509013	CH4G2/50W-1	254	2570	863	840	1120	1080	584	550
3509014	CH4D3/50W-1	290	3650	793	840	1120	2 x 1080	514	550
3509015	CH4E3/50W-1	311	3650	793	840	1120	2 x 1080	514	550
3509016	CH4G3/50W-1	359	3650	863	840	1120	2 x 1080	584	550
3509017	CH4D4/50W-1	370	4040	793	982	940	3 x 900	514	550
3509018	CH4E4/50W-1	397	4040	793	982	940	3 x 900	514	550
3509019	CH4G4/50W-1	464	4040	863	982	940	3 x 900	584	550



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