



## KELVION FRIGA-BOHN & LU-VE EVAPORATORS

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**H**  
SECTION

**Kelvion**



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# TAKING HEAT OFF AROUND THE WORLD



We have a large range of flat bed and V Bank condensers, gas coolers and dry air coolers.

These are driven by our global research & development team.

This year we celebrate 100 years of manufacturing at our Fareham site. Kelvion manufacturing in the UK since 1921.



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## Kelvion - TEC Unit Cooler

TEC is a range of nine small 'blow through' unit coolers using high efficiency EC fans as standard, providing a significant reduction in energy consumption and therefore running costs. With a wide operating range of +10°C to -40 °C, the coolers are suitable for both high, medium and low temperature applications in areas such as reach-in and walk-in cold cabinets, small cold rooms and similar situations. Nominal capacities are from 0.52kW to 3.4kW (Standard Condition 2) when used with low ozone depletion refrigerants such as R134a, R404A and R507A (for applications below 2°C please order suitable defrost kits).

### High Temperature (5.1mm Fin Spacing) at SC 2 (8KTD)

CODE	MODEL	N° of FANS	DUTY-WATTS
R1000	TEC 1-5	1	0.52
R1001	TEC 2-5	1	0.84
R1002	TEC 3-5	1	1.00
R1003	TEC 3.5-5	1	1.15
R1004	TEC 4-5	2	1.61
R1005	TEC 5-5	2	1.89
R1006	TEC 6-5	2	2.14
R1007	TEC 7-5	3	2.76
R1008	TEC 8-5	3	3.18



### High Temperature (3.6mm Fin Spacing) at SC 2 (8KTD)

CODE	MODEL	N° of FANS	DUTY-WATTS
R1020	TEC 1-7	1	0.57
R1021	TEC 2-7	1	0.89
R1022	TEC 3-7	1	1.04
R1023	TEC 3.5-7	1	1.25
R1024	TEC 4-7	2	1.72
R1025	TEC 5-7	2	2.04
R1026	TEC 6-7	2	2.29
R1027	TEC 7-7	3	3.02
R1028	TEC 8-7	3	3.40



### Drain Tray Kits (Wall Mounted)

CODE	MODEL
R1035	WT1/2-PAN
R1036	WT3-PAN
R1037	WT3.5/4-PAN
R1038	WT5-PAN
R1039	WT6-PAN
R1040	WT7-PAN
R1041	WT8-PAN

### E/Defrost Kits (Ceiling Mounted)

CODE	MODEL
R2240	T1-LTKIT
R2241	T2-LTKIT
R2242	T3-LTKIT
R2243	T3.5/4-LTKIT
R2244	T5/6-LTKIT
R2245	T7/8-LTKIT

### E/Defrost Kits (Wall Mounted)

CODE	MODEL
R1048	WT1/2-LTKIT
R1049	WT3-LTKIT
R1050	WT3.5/4-LTKIT
R1051	WT5-LTKIT
R1052	WT6-LTKIT
R1053	WT7/8 -LTKIT

### Specification:

MODEL	FANS	AIR VOL. m³/s		CONNECTIONS		DIMENSIONS			WEIGHT (KG)
		5 fpi	7 fpi	INLET.	OUTLET.	H	W	D	
TEC1	1	0.16	0.15	3/8"	3/8"	180	525	375	7.3
TEC2	1	0.15	0.14	3/8"	3/8"	180	525	375	8.2
TEC3	1	0.16	0.15	3/8"	3/8"	180	690	375	9.8
TEC3.5	1	0.17	0.16	3/8"	1/2"	180	865	375	12.0
TEC4	2	0.28	0.26	3/8"	1/2"	180	865	375	13.7
TEC5	2	0.31	0.30	3/8"	1/2"	180	1120	375	16.4
TEC6	2	0.34	0.32	1/2"	5/8"	230	1120	375	18.5
TEC7	3	0.47	0.45	1/2"	7/8"	180	1528	375	24.0
TEC8	3	0.50	0.48	1/2"	7/8"	230	1528	375	26.9

### Standard Conditions:

CONDITION	AIR INLET TEMPERATURE	EVAPORATING TEMPERATURE	STANDARD TD
SC 2	0°C	-8°C	8K

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.

## Kelvion - KEC Unit Cooler

The GEA Searle KEC cooler is the next generation of Unit Cooler, with market leading performance, noise levels and energy efficiency. Using EC technology as standard across the range, the power input for the KEC cooler is typically 50% less than that of other cooler motors. The KEC coolers cover a capacity range from 1.2 – 10.7kW and are ideally suited for cold room applications and cool cabinets. The range has a modern aesthetic design and is easy to install and maintain.

### High Temperature (4mm Fin Spacing)

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
R2020	KEC 10-4	1.65
R2021	KEC 15-4	2.01
R2022	KEC 20-4	2.35
R2023	KEC 25-4	3.00
R2024	KEC 30-4	3.73
R2025	KEC 35-4	4.57
R2026	KEC 40-4	5.84
R2027	KEC 45-4	6.99
R2028	KEC 55-4	8.79
R2029	KEC 70-4	10.51

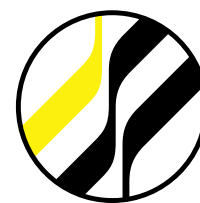


### Electric Defrost (4mm Fin Spacing)

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
R2040	KEC 10-4L	1.65
R2041	KEC 15-4L	2.01
R2042	KEC 20-4L	2.35
R2043	KEC 25-4L	3.00
R2044	KEC 30-4L	3.73
R2045	KEC 35-4L	4.57
R2046	KEC 40-4L	5.84
R2047	KEC 45-4L	6.99
R2048	KEC 55-4L	8.79
R2049	KEC 70-4L	10.51

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### High Temperature (6mm Fin Spacing)

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
R2060	KEC 10-6	1.34
R2061	KEC 15-6	1.72
R2062	KEC 20-6	1.99
R2063	KEC 25-6	2.38
R2064	KEC 30-6	3.16
R2065	KEC 35-6	3.85
R2066	KEC 40-6	4.63
R2067	KEC 45-6	5.97
R2068	KEC 55-6	7.00
R2069	KEC 70-6	8.98



### Electric Defrost (6mm Fin Spacing)

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
R2080	KEC 10-6L	1.34
R2081	KEC 15-6L	1.72
R2082	KEC 20-6L	1.99
R2083	KEC 25-6L	2.38
R2084	KEC 30-6L	3.16
R2085	KEC 35-6L	3.85
R2086	KEC 40-6L	4.63
R2087	KEC 45-6L	5.97
R2088	KEC 55-6L	7.00
R2089	KEC 70-6L	8.98



The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.

# Kelvion - KEC Unit Cooler Specification

## High Temperature (4mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KEC10-4	1	0.28	1/2"	1/2"	412	726	460	27
KEC15-4	1	0.28	1/2"	1/2"	412	726	460	28
KEC20-4	1	0.29	1/2"	5/8"	412	876	460	33
KEC25-4	1	0.42	1/2"	5/8"	412	876	460	33
KEC30-4	1	0.40	1/2"	7/8"	412	876	460	35
KEC35-4	2	0.58	1/2"	7/8"	412	1326	460	47
KEC40-4	2	0.83	1/2"	7/8"	412	1326	460	47
KEC45-4	2	0.81	1/2"	7/8"	412	1326	460	53
KEC55-4	3	1.25	1/2"	7/8"	412	1826	460	67
KEC70-4	3	1.21	1/2"	7/8"	412	1826	460	74

## Electric Defrost (4mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KEC10-4L	1	0.28	1/2"	1/2"	412	726	460	27
KEC15-4L	1	0.28	1/2"	1/2"	412	726	460	28
KEC20-4L	1	0.29	1/2"	5/8"	412	876	460	33
KEC25-4L	1	0.42	1/2"	5/8"	412	876	460	33
KEC30-4L	1	0.40	1/2"	7/8"	412	876	460	35
KEC35-4L	2	0.58	1/2"	7/8"	412	1326	460	47
KEC40-4L	2	0.83	1/2"	7/8"	412	1326	460	47
KEC45-4L	2	0.81	1/2"	7/8"	412	1326	460	53
KEC55-4L	3	1.25	1/2"	7/8"	412	1826	460	67
KEC70-4L	3	1.21	1/2"	7/8"	412	1826	460	74

## High Temperature (6mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KEC10-6	1	0.31	1/2"	1/2"	412	726	460	27
KEC15-6	1	0.31	1/2"	1/2"	412	726	460	28
KEC20-6	1	0.32	1/2"	5/8"	412	876	460	33
KEC25-6	1	0.43	1/2"	5/8"	412	876	460	33
KEC30-6	1	0.42	1/2"	7/8"	412	876	460	35
KEC35-6	2	0.63	1/2"	7/8"	412	1326	460	47
KEC40-6	2	0.85	1/2"	7/8"	412	1326	460	47
KEC45-6	2	0.83	1/2"	7/8"	412	1326	460	53
KEC55-6	3	1.28	1/2"	7/8"	412	1826	460	67
KEC70-6	3	1.25	1/2"	7/8"	412	1826	460	74

## Electric Defrost (6mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KEC10-6L	1	0.31	1/2"	1/2"	412	726	460	27
KEC15-6L	1	0.31	1/2"	1/2"	412	726	460	28
KEC20-6L	1	0.32	1/2"	5/8"	412	876	460	33
KEC25-6L	1	0.43	1/2"	5/8"	412	876	460	33
KEC30-6L	1	0.42	1/2"	7/8"	412	876	460	35
KEC35-6L	2	0.63	1/2"	7/8"	412	1326	460	47
KEC40-6L	2	0.85	1/2"	7/8"	412	1326	460	47
KEC45-6L	2	0.83	1/2"	7/8"	412	1326	460	53
KEC55-6L	3	1.28	1/2"	7/8"	412	1826	460	67
KEC70-6L	3	1.25	1/2"	7/8"	412	1826	460	74

## Standard Conditions:

CONDITION	AIR INLET TEMPERATURE	EVAPORATING TEMPERATURE	STANDARD TD
SC 2	0°C	-8°C	8K

## Kelvion - KMe Unit Cooler

The KMe range of coolers is ideally suited to large cold rooms and small warehouses where an efficient solution is required. The KMe can also be used for industrial food processing, agricultural applications and cool cabinets. Standard features of the range :- 1/2" OD 'D' fin inner grooved copper tube, 4mm or 6mm fin spacing. 400mm energy efficient fan-set and powder coated galvanised steel case. KMe range comes standard with 1ph fans and 3 phase heaters also available with 3 phase fan motors on request.

### High Temperature (4mm Fin Spacing)

at SC 2 (8KTD)

CODE	FAN COIL	DUTY-WATTS
R2100	KMe50-4	7.36
R2101	KMe60-4	8.71
R2102	KMe80-4	12.21
R2103	KMe95-4	14.78
R2104	KMe115-4	18.41
R2105	KMe140-4	22.29
R2106	KMe175-4	27.93



### Electric Defrost (4mm Fin Spacing)

at SC 2 (8KTD)

CODE	FAN COIL	DUTY-WATTS
R2120	KMe50-4L	7.36
R2121	KMe60-4L	8.71
R2122	KMe80-4L	12.12
R2123	KMe95-4L	14.84
R2124	KMe115-4L	18.40
R2125	KMe140-4L	22.31
R2126	KMe175-4L	27.95



### High Temperature (6mm Fin Spacing)

at SC 2 (8KTD)

CODE	FAN COIL	DUTY-WATTS
R2130	KMe50-6	6.20
R2131	KMe60-6	7.45
R2132	KMe80-6	9.74
R2133	KMe95-6	12.51
R2134	KMe115-6	14.61
R2135	KMe140-6	18.75
R2136	KMe175-6	23.92



### Electric Defrost (6mm Fin Spacing)

at SC 2 (8KTD)

CODE	FAN COIL	DUTY-WATTS
R2140	KMe50-6L	6.20
R2141	KMe60-6L	7.45
R2142	KMe80-6L	9.74
R2143	KMe95-6L	12.51
R2144	KMe115-6L	14.61
R2145	KMe140-6L	18.75
R2146	KMe175-6L	23.92



KMe Coolers can be supplied with optional extras as detailed in the table below, please consult our technical dept for prices.

KMe Options	KMe Options
Aerofoil Fans 3PH 50Hz	KMe Fan Plate Heater
Aerofoil Fans 3PH 60Hz	KMe Air Streamer
KMe 400mm EC Fans	Cooler Guard
KMe Peripheral Heater	Stainless Steel Casing

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.

## High Temperature (4mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KMe50-4	1	0.89	1/2"	1-1/8"	574	1007	536	85
KMe60-4	1	0.96	5/8"	1-1/8"	574	1332	536	112
KMe80-4	2	1.89	5/8"	1-1/8"	574	1682	536	129
KMe95-4	2	1.78	5/8"	1-1/8"	574	1682	536	139
KMe115-4	3	2.83	7/8"	1-3/8"	574	2357	536	170
KMe140-4	3	2.68	7/8"	1-3/8"	574	2357	536	195
KMe175-4	4	3.45	7/8"	1-3/8"	574	2732	536	217

## Electric Defrost (4mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KMe50-4L	1	0.89	1/2"	1-1/8"	574	1007	536	85
KMe60-4L	1	0.96	5/8"	1-1/8"	574	1332	536	112
KMe80-4L	2	1.89	5/8"	1-1/8"	574	1682	536	129
KMe95-4L	2	1.78	5/8"	1-1/8"	574	1682	536	139
KMe115-4L	3	2.83	7/8"	1-3/8"	574	2357	536	170
KMe140-4L	3	2.68	7/8"	1-3/8"	574	2357	536	195
KMe175-4L	4	3.45	7/8"	1-3/8"	574	2732	536	217

## High Temperature (6mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KMe50-6	1	0.98	1/2"	1-1/8"	574	1007	536	83
KMe60-6	1	1.01	5/8"	1-1/8"	574	1332	536	109
KMe80-6	2	2.00	5/8"	1-1/8"	574	1682	536	127
KMe95-6	2	1.95	5/8"	1-1/8"	574	1682	536	135
KMe115-6	3	3.00	7/8"	1-3/8"	574	2357	536	167
KMe140-6	3	2.93	7/8"	1-3/8"	574	2357	536	191
KMe175-6	4	3.86	7/8"	1-3/8"	574	2732	536	214

## Electric Defrost (6mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KMe50-6L	1	0.98	1/2"	1-1/8"	574	1007	536	83
KMe60-6L	1	1.01	5/8"	1-1/8"	574	1332	536	109
KMe80-6L	2	2.00	5/8"	1-1/8"	574	1682	536	127
KMe95-6L	2	1.95	5/8"	1-1/8"	574	1682	536	135
KMe115-6L	3	3.00	7/8"	1-3/8"	574	2357	536	167
KMe140-6L	3	2.93	7/8"	1-3/8"	574	2357	536	191
KMe175-6L	4	3.86	7/8"	1-3/8"	574	2732	536	214

### Standard Conditions:

CONDITION	AIR INLET TEMPERATURE	EVAPORATING TEMPERATURE	STANDARD TD
SC 2	0°C	-8°C	8K

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.



## Kelvion - KDC Unit Cooler

The Kelvion KDC provides gentle cooling and quiet operation for sensitive produce and/or areas where people are working. The dual discharge air coolers are suitable for high, medium and low temperature applications in the commercial refrigeration sector. Better performance, easy installation, serviceability and high quality make this unit the perfect fit for your working area needs. Draft-free air circulation and quiet operation: pleasant conditions for people in working spaces. Guides the air across the ceiling and far into the room.

### High Temperature (4.5mm Fin Spacing)

at SC 2 (8KTD)

CODE	FAN COIL	DUTY-WATTS
R4000	KDC-351-2AN	2.4
R4002	KDC-351-4AN	3.2
R4006	KDC-351-6AN	3.7
R4008	KDC-352-2AN	4.9
R4010	KDC-352-4AN	6.5
R4012	KDC-352-6AN	7.4
R4014	KDC-353-2AN	7.4
R4016	KDC-353-4AN	9.8
R4016	KDC-353-6AN	11.2
R4022	KDC-354-2AN	9.9
R4024	KDC-354-4AN	13.1
R4026	KDC-354-6AN	14.9
R4028	KDC-355-2AN	12.5
R4030	KDC-355-4AN	17.6
R4032	KDC-355-6AN	18.5
R4034	KDC-356-2AN	14.9
R4036	KDC-356-4AN	19.7
R4038	KDC-356-6AN	23.0



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### Electric Defrost (4.5mm Fin Spacing)

at SC 2 (8KTD)

CODE	FAN COIL	DUTY-WATTS
R4050	KDC-351-2AE	2.4
R4056	KDC-351-4AE	3.2
R4058	KDC-351-6AE	3.7
R4062	KDC-352-2AE	4.9
R4064	KDC-352-4AE	6.5
R4066	KDC-352-6AE	7.4
R4068	KDC-353-2AE	7.4
R4070	KDC-353-4AE	9.8
R4072	KDC-353-6AE	11.2
R4080	KDC-354-2AE	9.9
R4082	KDC-354-4AE	13.1
R4084	KDC-354-6AE	14.9
R4088	KDC-355-2AE	12.5
R4090	KDC-355-4AE	17.6
R4092	KDC-355-6AE	18.5
R4096	KDC-356-2AE	14.9
R4098	KDC-356-4AE	19.7
R4100	KDC-356-6AE	23.0



### Optional extras/variants

#### Fan variants

V 1.52 variable speed 0-10v ec fan

#### Casing variants

V 3.08 Top plate cover to prevent dust and dirt accumulation

V 3.09 Double-walled, insulated drip tray prevents condensed water from forming on the bottom side of the tray and it reduces the transfer of defrost heat into the cold rooms.

#### Construction variants

V 2.05 & V 2.06 Water / brine circulation small and large pressure drop, 16 bar max pressure

V 4.06 electrical defrost in tray: necessary for units operating below -18°C air temperatures

V 6.22 multiple injection with cal-distributor

**CO<sub>2</sub> variants:** **V7.45** CO<sub>2</sub> - direct expansion up to 45 bar operating pressure. **V7.90** CO<sub>2</sub> - direct expansion up to 90 bar operating pressure.



## Kelvion - KDC Unit Cooler

Application examples: working areas, sales area for sensitive goods, cold rooms, food prep areas and laboratories. Kelvion KDC feature EC fans offering considerable energy cost savings and longer life span. Fans offer a choice of high or low fixed speed. Optional extra V1.52: Fan adjustable via 0-10V interface (speed adjustable from 100% to at least 50%).

### High Temperature (7.0mm Fin Spacing)

at SC 2 (8KTD)

CODE	FAN COIL	DUTY-WATTS
R4137	KDC-351-2BN	1.7
R4139	KDC-351-4BN	2.7
R4141	KDC-351-6BN	3.3
R4142	KDC-352-2BN	3.6
R4143	KDC-352-4BN	5.5
R4145	KDC-352-6BN	6.9
R4147	KDC-353-2BN	5.5
R4149	KDC-353-4BN	8.3
R4150	KDC-353-6BN	10.4
R4151	KDC-354-2BN	7.3
R4152	KDC-354-4BN	11.1
R4153	KDC-354-6BN	13.8
R4154	KDC-355-2BN	8.6
R4155	KDC-355-4BN	14.5
R4156	KDC-355-6BN	17.2
R4157	KDC-356-2BN	11.0
R4158	KDC-356-4BN	16.7
R4159	KDC-356-6BN	20.9



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### Electric Defrost (7.0mm Fin Spacing)

at SC 2 (8KTD)

CODE	FAN COIL	DUTY-WATTS
R4106	KDC-351-2BE	1.7
R4108	KDC-351-4BE	2.7
R4110	KDC-351-6BE	3.3
R4114	KDC-352-2BE	3.6
R4116	KDC-352-4BE	5.5
R4118	KDC-352-6BE	6.9
R4122	KDC-353-2BE	5.5
R4124	KDC-353-4BE	8.3
R4126	KDC-353-6BE	10.4
R4130	KDC-354-2BE	7.3
R4132	KDC-354-4BE	11.1
R4134	KDC-354-6BE	13.8
R4136	KDC-355-2BE	8.6
R4138	KDC-355-4BE	14.5
R4140	KDC-355-6BE	17.2
R4144	KDC-356-2BE	11.0
R4146	KDC-356-4BE	16.7
R4148	KDC-356-6BE	20.9



### Standard Conditions:

CONDITION	AIR INLET TEMPERATURE	EVAPORATING TEMPERATURE	STANDARD TD
SC 2	0°C	-8°C	8K

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.

### Optional extras/variants: protection against corrosion -

V 6.01 Corrosion Protection 1: Tubing: Copper, Fins: Aluminum, epoxy-resin-coated

End plates: Aluminum protective coating casing: Aluminum/zinc coated steel, protective coating on both sides

V 6.04 Corrosion protection 4: Tubing: Copper. Fins: Aluminum, epoxy-resin-coated. End plates: Aluminum Casing: Aluminum/zinc coated steel, protective coating on one side.

# Kelvion - KDC Unit Cooler Specification



## High Temperature (4.5 mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KDC-351-2AN	1	1.970	3/8"	1/2"	266	922	1003	40
KDC-351-4AN	1	1.670	1/2"	3/4"	266	922	1003	43
KDC-351-6AN	1	1.440	5/8"	3/4"	266	922	1003	48
KDC-352-2AN	2	3.940	5/8"	7/8"	272	1472	1005	51
KDC-352-4AN	2	3.340	5/8"	1-1/8"	272	1472	1005	59
KDC-352-6AN	2	2.880	5/8"	1-1/8"	272	1472	1005	67
KDC-353-2AN	3	5.910	5/8"	7/8"	278	2022	1007	56
KDC-353-4AN	3	5.010	7/8"	1-1/8"	278	2022	1007	59
KDC-353-6AN	3	4.320	7/8"	1-1/8"	278	2022	1007	80
KDC-354-2AN	4	7.880	5/8"	1-1/8"	284	2572	1010	78
KDC-354-4AN	4	6.680	7/8"	1-3/8"	284	2572	1010	94
KDC-354-6AN	4	5.760	7/8"	1-3/8"	284	2572	1010	110
KDC-355-2AN	5	9.850	7/8"	1-1/8"	290	3122	1013	100
KDC-355-4AN	5	8.350	7/8"	1-3/8"	290	3122	1013	119
KDC-355-6AN	5	7.200	5/8"	1-1/8"	290	3122	1013	140
KDC-356-2AN	6	11.820	7/8"	1-1/8"	296	3672	1016	125
KDC-356-4AN	6	10.020	7/8"	1-3/8"	296	3672	1016	149
KDC-356-6AN	6	8.640	7/8"	1-3/8"	296	3672	1016	172

## Electric Defrost (4.5 mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KDC-351-2AN	1	1.970	3/8"	1/2"	266	922	1003	42
KDC-351-4AN	1	1.670	1/2"	3/4"	266	922	1003	46
KDC-351-6AN	1	1.440	5/8"	3/4"	266	922	1003	51
KDC-352-2AN	2	3.940	5/8"	7/8"	272	1472	1005	54
KDC-352-4AN	2	3.340	5/8"	1-1/8"	272	1472	1005	63
KDC-352-6AN	2	2.880	5/8"	1-1/8"	272	1472	1005	71
KDC-353-2AN	3	5.910	5/8"	7/8"	278	2022	1007	59
KDC-353-4AN	3	5.010	7/8"	1-1/8"	278	2022	1007	74
KDC-353-6AN	3	4.320	7/8"	1-1/8"	278	2022	1007	85
KDC-354-2AN	4	7.880	5/8"	1-1/8"	284	2572	1010	82
KDC-354-4AN	4	6.680	7/8"	1-3/8"	284	2572	1010	100
KDC-354-6AN	4	5.760	7/8"	1-3/8"	284	2572	1010	116
KDC-355-2AN	5	9.850	7/8"	1-1/8"	290	3122	1013	104
KDC-355-4AN	5	8.350	7/8"	1-3/8"	290	3122	1013	125
KDC-355-6AN	5	7.200	5/8"	1-1/8"	290	3122	1013	146
KDC-356-2AN	6	11.820	7/8"	1-1/8"	296	3672	1016	130
KDC-356-4AN	6	10.020	7/8"	1-3/8"	296	3672	1016	158
KDC-356-6AN	6	8.640	7/8"	1-3/8"	296	3672	1016	181

### Standard Conditions:

CONDITION	AIR INLET TEMPERATURE	EVAPORATING TEMPERATURE	STANDARD TD
SC 2	0°C	-8°C	8K

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.

## High Temperature (7.0 mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KDC-351-2AE	1	1.970	3/8"	1/2"	266	922	1003	39
KDC-351-4AE	1	1.670	1/2"	3/4"	266	922	1003	42
KDC-351-6AE	1	1.440	5/8"	3/4"	266	922	1003	46
KDC-352-2AE	2	3.940	5/8"	7/8"	272	1472	1005	51
KDC-352-4AE	2	3.340	5/8"	1-1/8"	272	1472	1005	59
KDC-352-6AE	2	2.880	5/8"	1-1/8"	272	1472	1005	66
KDC-353-2AE	3	5.910	5/8"	7/8"	278	2022	1007	55
KDC-353-4AE	3	5.010	7/8"	1-1/8"	278	2022	1007	67
KDC-353-6AE	3	4.320	7/8"	1-1/8"	278	2022	1007	78
KDC-354-2AE	4	7.880	5/8"	1-1/8"	284	2572	1010	77
KDC-354-4AE	4	6.680	7/8"	1-3/8"	284	2572	1010	90
KDC-354-6AE	4	5.760	7/8"	1-3/8"	284	2572	1010	108
KDC-355-2AE	5	9.850	7/8"	1-1/8"	290	3122	1013	99
KDC-355-4AE	5	8.350	7/8"	1-3/8"	290	3122	1013	115
KDC-355-6AE	5	7.200	5/8"	1-1/8"	290	3122	1013	138
KDC-356-2AE	6	11.820	7/8"	1-1/8"	296	3672	1016	124
KDC-356-4AE	6	10.020	7/8"	1-3/8"	296	3672	1016	147
KDC-356-6AE	6	8.640	7/8"	1-3/8"	296	3672	1016	169

## Electric Defrost (7.0 mm Fin Spacing)

MODEL	FANS	AIR VOL. m <sup>3</sup> /s	CONNECTIONS		DIMENSIONS (MM)			WEIGHT (KG)
			INLET.	OUTLET	H	W	D	
KDC-351-2AE	1	1.970	3/8"	1/2"	266	922	1003	41
KDC-351-4AE	1	1.670	1/2"	3/4"	266	922	1003	45
KDC-351-6AE	1	1.440	5/8"	3/4"	266	922	1003	49
KDC-352-2AE	2	3.940	5/8"	7/8"	272	1472	1005	53
KDC-352-4AE	2	3.340	5/8"	1-1/8"	272	1472	1005	62
KDC-352-6AE	2	2.880	5/8"	1-1/8"	272	1472	1005	70
KDC-353-2AE	3	5.910	5/8"	7/8"	278	2022	1007	58
KDC-353-4AE	3	5.010	7/8"	1-1/8"	278	2022	1007	72
KDC-353-6AE	3	4.320	7/8"	1-1/8"	278	2022	1007	83
KDC-354-2AE	4	7.880	5/8"	1-1/8"	284	2572	1010	81
KDC-354-4AE	4	6.680	7/8"	1-3/8"	284	2572	1010	96
KDC-354-6AE	4	5.760	7/8"	1-3/8"	284	2572	1010	114
KDC-355-2AE	5	9.850	7/8"	1-1/8"	290	3122	1013	103
KDC-355-4AE	5	8.350	7/8"	1-3/8"	290	3122	1013	121
KDC-355-6AE	5	7.200	5/8"	1-1/8"	290	3122	1013	144
KDC-356-2AE	6	11.820	7/8"	1-1/8"	296	3672	1016	129
KDC-356-4AE	6	10.020	7/8"	1-3/8"	296	3672	1016	156
KDC-356-6AE	6	8.640	7/8"	1-3/8"	296	3672	1016	178

### Standard Conditions:

CONDITION	AIR INLET TEMPERATURE	EVAPORATING TEMPERATURE	STANDARD TD
SC 2	0°C	-8°C	8K

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.

## KEC Spares

CODE	DESCRIPTION
R3120	Fan Set 300mm DIA EC 1 CORE 230V-1ph For Models KEC10/15/20/35
R3121	Fan Set 300mm DIA EC 3 CORE 230V-1ph For Models KEC25/30/40/45/55/70
R3018	Drain Connection Gasket 1" BSP ALL Models
R3125	Defrost Heater 170W 115V STRT 440mm KEC10/15
R3126	Defrost Heater 230W 115V STRT 590mm KEC20/25/30
R3127	Defrost Heater 400W 115V STRT 1.08m KEC35/40/45
R3128	Defrost Heater 600W 115V STRT 1.54m hot KEC55/70
R3140	Coil Heater Retaining Clamp KEC Range
R3141	End Cover All Models
R3135	Drain Pan - KEC10/15
R3136	Drain Pan - KEC20/25/30
R3137	Drain Pan - KEC35/40/45
R3138	Drain Pan - KEC55/70

## TG Spares

CODE	DESCRIPTION
R3020	Motor 15W, 220/240, 1Ph, 50/60Hz
R3021	Fan 230mm, 5-Blade, 31" Pitch, 50Hz
R3022	Fan 230mm, 5-Blade, 20" Pitch, 60Hz
R3014	Fan Guard TG2-TG8
R3025	Fan Plate / Drain Pan TG1,2
R3026	Fan Plate / Drain Pan TG3
R3027	Fan Plate / Drain Pan TG3-5
R3028	Fan Plate / Drain Pan TG4
R3029	Fan Plate / Drain Pan TG5
R3030	Fan Plate / Drain Pan TG6
R3031	Fan Plate / Drain Pan TG7
R3032	Fan Plate / Drain Pan TG8
R3012	Drain Connection 3/4" BSP
R3013	Drain Connection Gasket 3/4"

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## KMe Spares

CODE	DESCRIPTION
R3150	Fanset 400mm DIA 4PL 400-3PH EBM
R3151	Fanset 400mm DIA 4PL 400-1PH EBM
R3018	Drain Connection Gasket 1" BSP ALL Models
R3156	Axial Fan Set 415V 3PH 50Hz
R3157	Axial Fan Set Impeller
R3158	Axial Fan Set Guard
R3076	530W 230V U Bend Coil Heater for a KME50
R3175	800W 230V U Bend Coil Heater for a KME60
R3109	1080W 230V U Bend Coil Heater for a KME80 & 95
R3176	800W 115V Straight Coil Heater for a KME115 & 140
R3177	940W 115V Straight Coil Heater for a KME175
R3178	265W 230V Straight Drain Tray Heater for a KME50
R3179	400W 230V Straight Drain Tray Heater for a KME60
R3180	530W 230V Straight Drain Tray Heater for a KME80 & 95
R3181	800W 230V Straight Drain Tray Heater for a KME115 & 140
R3182	2940W 230V Straight Drain Tray Heater for a KME175
R3185	Peripheral Heater 300W
R3186	Peripheral Heater Kit
R3187	Fanplate Heater (Caution required due to plastic guard)
R3198	Anticreep Clips (1 per coil heater)
R3190	Drain Pan KMe50
R3191	Drain Pan KMe60
R3192	Drain Pan KMe80/KMe95
R3193	Drain Pan KMe115 / KMe140
R3194	Drain Pan KMe175
R3195	End Cover KMe All Models

## DSR Spares

CODE	DESCRIPTION
R3200	Motor 25W, 220/240V, 1Ph, 50/60Hz, 2 Speed (inc Capacitor)
R3201	Motor 70W, 220/240V, 1Ph, 50/60Hz, (inc Capacitor)
R3205	Fan 305mm, 5-Blades, 24° Pitch, 50Hz, Hubless
R3207	Fan 305mm, 4-Blades, 32° Pitch, 50Hz, With Hub
R3208	Fan 305mm, 4-Blades, 26° Pitch, 60Hz, With Hub
R3210	Defrost Heater 790W, 230V, 'U' Bend to suit DSR12/22
R3211	Defrost Heater 1425W, 230V, 'U' Bend to suit DSR36/42
R3212	Defrost Heater 2135W, 230V, 'U' Bend to suit DSR51/62
R3213	Defrost Heater 2850W, 230V, 'U' Bend to suit DSR68/83/100/116
R3214	Defrost Heater 985W, 230V, Linked Pair
R3220	Defrost Heater Sump Heater Assembly
R3224	Defrost Heater Thermal Cut-out (for Air Heaters)
R3230	Fanplate / Draintray DSR 12/19/22
R3231	Fanplate / Draintray DSR 36/42
R3232	Fanplate / Draintray DSR 51/62
R3233	Fanplate / Draintray DSR 68/83/100/116
R3018	Drain Connection Gasket 1" BSP ALL Models
R3235	Triac RVM-5E 230V 1PH 50/60Hz 4.5A
R3236	Triac REE-50 230V 1PH 50/60Hz 5.0A
R3237	Junction Box 264x214x110mm - 03752
R3238	Triac 5A Comp With Junction Box
R3239	Condensate Pump with Remote Sensor
R3240	Insulated Sump Heater Assembly
R3245	1kW Heater Kit
R3246	2kW Heater Kit
R3247	3kW Heater Kit



## TEC Spares

CODE	DESCRIPTION
R3023	Fan Motor Assembly- (Motor, Blade, Guard, Junction Box & Clips.
R3045	Defrost Element 250W for TEC1 & 2 Wall Mount Model Only
R3046	Defrost Element 325W for TEC3 Wall Mount Model Only
R3047	Defrost Element 425W for TEC3.5 & 4 Wall Mount Model Only
R3048	Defrost Element 575W for TEC5 Wall Mount Model Only
R3049	Defrost Element 675W for TEC6 Wall Mount Model Only
R3050	Defrost Element 470W for TEC7 & 8 Wall Mount Model Only
R3055	Heater Clip TEC/TG1-LT Kit
R3056	Heater Clip TEC/TG2 to a TEC/TG8 LT Kit
R3057	Heater Clip All WTG-LT Kit
R3060	Drain Tray Heater Guard WTEC1/2
R3061	Drain Tray Heater Guard WTEC3
R3062	Drain Tray Heater Guard WTEC3.5/4
R3063	Drain Tray Heater Guard WTEC5/6
R3064	Drain Tray Heater Guard WTEC7/8
R3012	Drain Connection 3/4" BSP
R3013	Drain Connection Gasket 3/4"
R3600	Fan Plate/Drain Pan TEC1/TEC2
R3601	Fan Plate/Drain Pan TEC3
R3602	Fan Plate/Drain Pan TEC3.5
R3603	Fan Plate/Drain Pan TEC4
R3604	Fan Plate/Drain Pan TEC5
R3605	Fan Plate/Drain Pan TEC6
R3606	Fan Plate/Drain Pan TEC7
R3607	Fan Plate/Drain Pan TEC8

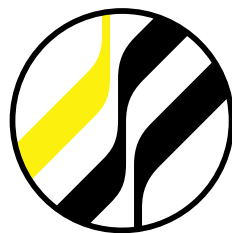
## KS Spares

CODE	DESCRIPTION
R3385	Motor 70W, 220/240V, 1Ph, 50/60Hz
R3386	Capacitor for 210-070-104 Motor
R3387	Fan 305mm, 4-Blade, 22°, 50/60Hz
R3256	Fan 310mm, 4-Blade, 36°, 60Hz
R3388	Fan 310mm, 4-Blade, 28°, 60Hz
R3389	Fan Cowl
R3263	Fan Guard
R3312	575W, 220V, U' Bend to suit KS10/15
R3395	650W, 220V, U' Bend to suit KS20
R3210	790W, 220V, U' Bend to suit KS25
R3396	1210W, 220V, U' Bend to suit KS35/40
R3211	1425W, 220V, U' Bend to suit KS45
R3212	2135W, 220V, U' Bend to suit KS55/70
R3400	Heater Clip
R3405	Drain Pan KS10 & KS15
R3406	Drain Pan KS20
R3407	Drain Pan KS25
R3408	Drain Pan KS35
R3409	Drain Pan KS40
R3410	Drain Pan KS45
R3411	Drain Pan KS55
R3412	Drain Pan KS70
R3413	Motor Bracket All Models
R3414	End Panel KS25/40/45/70
R3415	End Panel KS10/15/20/35/55
R3018	Drain Connection Gasket 1" BSP ALL Models

## JG Spares

CODE	DESCRIPTION
R3010	Fan/Motor assembly to suit all models
R3011	Fan Guard to suit all models
R3012	Drain Connection 3/4" BSP
R3013	Gasket for Drain Connection
R2010	Low Temp Defrost Kit JG1
R2011	Low Temp Defrost Kit JG2
R2012	Low Temp Defrost Kit JG3 & JG4
R2013	Low Temp Defrost Kit JG5 & JG6
R2014	Low Temp Defrost Kit JG7 & JG8

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## KM Spares

Post-1998 for models with round plastic fan guards.

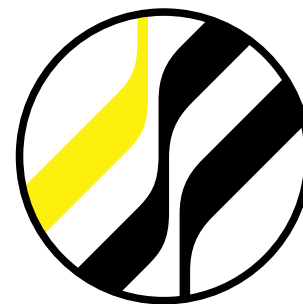
CODE	DESCRIPTION
R3325	Motor 200W, 220/240V-1-50/60Hz
R3326	Capacitor for 210-200-104 Motor
R3327	Motor 200W, 380/440V-3-50/60Hz
R3328	Fan 380mm, 4-Blade, 34°, 50Hz (Rear Hub, from serial no 887009)
R3329	Fan 380mm, 4-Blade, 24°, 60Hz (Rear Hub, from serial no. 887009)
R3330	Plastic Fan Guard
R3156	Axial Fan Set 415V 3PH 50Hz
R3157	Axial Fan Set Impeller
R3158	Axial Fan Set Guard
R3076	Coil HTR 530W 230V U Bend KM50
R3175	Coil HTR 800W 230V U Bend KM60
R3109	Coil HTR 1060W 230V U Bend KM80/95
R3176	Coil HTR 800W 115V Straight KM115/140
R3177	Coil HTR 940W 115V Straight KM175
R3178	Drain Tray HTR 265W 230V Straight KM50
R3179	Drain Tray HTR 400W 230V Straight KM60
R3180	Drain Tray HTR 530W 230V Straight KM80/95
R3181	Drain Tray HTR 800W 230V Straight KM115/140
R3182	Drain Tray HTR 940W 230V Straight KM175
R3185	Peripheral Heater 300W All models
R3186	Peripheral Heater Kit (axial fans only)
R3187	Fan Plate Heater (Caution required due to Plastic Guard)
R3198	Anticreep Clips (1 per Coil Heater)
R3335	Drain Pan KM50
R3336	Drain Pan KM60
R3337	Drain Pan KM80
R3338	Drain Pan KM95
R3339	Drain Pan KM115
R3340	Drain Pan KM140
R3341	Drain Pan KM175
R3018	Drain Connection Gasket 1" BSP ALL Models
R3345	Motor Bracket (From serial no. 123649) (2 Required per motor)
R3346	Motor Bracket ( up to serial no. 123678)
R3347	End Panel (All KM except KM80 & KM115)
R3348	End Panel (KM80 and KM115)

## KM Spares

Pre-1998 for models with square fan guards.

CODE	DESCRIPTION
R3325	Motor 200W, 220/240V-1-50/60Hz
R3326	Capacitor for 210-200-104 Motor
R3327	Motor 200W, 380/440V-3-50/60Hz
R3350	Fan 380mm, 4-Blade, 34°, 50Hz (Front Hub)
R3351	Fan 380mm, 4-Blade, 24°, 60Hz (Front Hub)
R3328	Fan 380mm, 4-Blade, 34°, 50Hz (Rear Hub, from serial no 887009)
R3329	Fan 380mm, 4-Blade, 24°, 60Hz (Rear Hub, from serial no. 887009)
R3281	Fan Guard
R3355	Coil HTR 330W, 110V, Straight KM50
R3356	Coil HTR 500W, 110V, Straight KM60
R3357	Coil HTR 665W, 110V, Straight KM80 & KM95
R3358	Coil HTR 1000W, 110V, Straight KM115 & KM140
R3359	Coil HTR 1165W, 110V, Straight KM175
R3365	Drain Pan HTR 165W, 110V Straight KM50
R3366	Drain Pan HTR 250W, 110V Straight KM60
R3367	Drain Pan HTR 335W, 110V Straight KM80 & KM95
R3368	Drain Pan HTR 500W, 110V Straight KM115 & KM140
R3369	Drain Pan HTR 585W, 110V Straight KM175
R3400	Heater Clips
R3081	Heater Clips (Anti-Creep)
R3377	End Panel
R3378	End Panel
R3379	Air Straightener

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## Friga-Bohn EVB Evaporators

EVB fan assisted evaporators for display counters, understorage and service cabinets. Models M1, M2 and M3 are single side air discharge and models C1 and C2 have air discharged from both sides. The evaporators have a white casing and an ABS drip tray which can be reversed according to site conditions. Easy removal of fan panel and drip tray for cleaning and maintenance. An electric defrost kit can be fitted if required.



### EVB Evaporators

CODE	FAN COIL	DUTY-WATTS at SC1 (10KTD)
H110	EVB-M1	240
H111	EVB-M2	320
H112	EVB-M3	380
H115	EVB-C1	240
H116	EVB-C2	410

### Defrost Kits

CODE	DESCRIPTION	TO SUIT MODEL
H118	Heater Kit	M1, M2, C1
H119	Heater Kit	M3, C2



### Specification:

MODEL	FANS	AIR VOL. cu/m hr	DEFROST Watts	DIMENSIONS (mm)			CONNECTIONS		
				L	W	H	Liquid	Suction	Drain
EVB M1	1	65	210	370	80	440	5/16	5/16	16mm
EVB M2	1	95	210	370	80	440	5/16	5/16	16mm
EVB M3	1	105	290	490	80	440	5/16	5/16	16mm
EVB C1	2	65	210	370	89	440	5/16	5/16	16mm
EVB C2	2	110	290	490	89	440	5/16	5/16	16mm

### Standard Conditions:

Condition	Air Inlet Temperature	Evaporating Temperature	Standard TD
SC1	+10°C	0°C	10K

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.

## FRIGA-BOHN MF/MR Evaporators



Micro-freeze (MF) and Mini-freeze (MR) compact evaporators are suitable for installation in cabinets and small cold rooms. The casings are made using special shock resistant ABS plastic according to the most severe hygiene standards.

Sturdy and corrosion-resistant unit, coils totally anti-corrosion treated as standard, ABS casing and stainless steel screws.



### High Temperature at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS	DUTY-WATTS	DUTY-WATTS
H120	MF 1	350	-	-
H121	MF 2	400	-	-
H122	MF 3	750	-	-
H123	MF 4	790	-	-

### Electric Defrost

at SC 3 (7KTD)

at SC 4 (6KTD)

CODE	MODEL	DUTY-WATTS	DUTY-WATTS	DUTY-WATTS
H127	MFE 2	-	320	240
H128	MFE 3	-	580	430
H129	MFE 4	-	640	450

### High Temperature at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS	DUTY-WATTS	DUTY-WATTS
H170	MR 75R	680	-	-
H171	MR 110R	1070	-	-
H172	MR 135R	1270	-	-
H173	MR 210R	2060	-	-
H174	MR 270R	2620	-	-

### Electric Defrost

at SC 3 (7KTD)

at SC 4 (6KTD)

CODE	MODEL	DUTY-WATTS	DUTY-WATTS	DUTY-WATTS
H178	MRE 75+E	-	530	420
H179	MRE 110+E	-	820	640
H180	MRE 135+E	-	1070	840
H181	MRE 210+E	-	1660	1320
H182	MRE 270+E	-	2230	1780

### Application:

MODEL	AIR INLET TEMPERATURE	FIN SPACING	DEFROST
MF	+10°C/+2°C	4.23mm (6 fpi)	None
MFE	-10°C/-25°C	4.23mm (6 fpi)	Electric
MR**R	+10°C/+2°C	4.23mm (6 fpi)	None
MRE**E	-10°C/-25°C	4.23mm (6 fpi)	Electric

### Standard Conditions:

CONDITION	AIR INLET TEMPERATURE	EVAPORATING TEMPERATURE	STANDARD TD
SC 2	0°C	-8°C	8K
SC 3	-18°C	-25°C	7K
SC 4	-25°C	-31°C	6K

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.

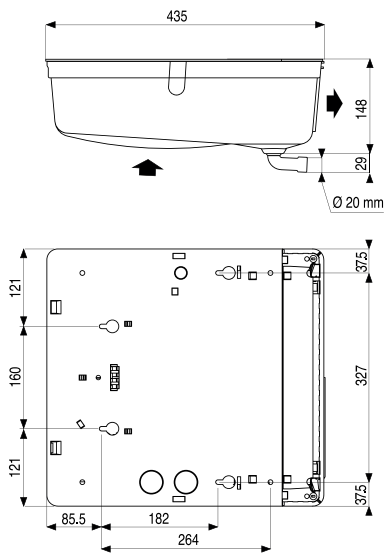
# Friga-Bohn MF/MR Evaporators



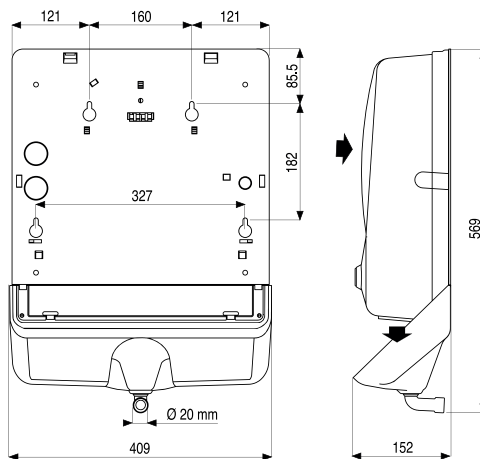
## Specification:

MODEL	FANS	AIR VOL. cu/m hr	DEFROST WATTS	DIMENSIONS (mm)			CONNECTIONS		
				L	W	H	Liquid	Suction	Drain
MF 1	1	270	140	402	435	148	5/16	5/16	20mm
MF 2	1	250	160	402	435	148	5/16	5/16	20mm
MF 3	2	460	330	599	429	150	5/16	5/16	20mm
MF 4	2	430	330	599	429	150	5/16	5/16	20mm
MR 75	1	290	400	514	438	209	3/8	3/8	1"
MR 110	2	650	440	784	438	209	3/8	3/8	1"
MR 135	2	580	730	784	438	209	3/8	3/8	1"
MR 210	3	870	1200	1174	438	209	1/2	1/2	1"
MR 270	4	1160	1600	1504	438	209	1/2	1/2	1"

MF 1-2 / MFE 1-2

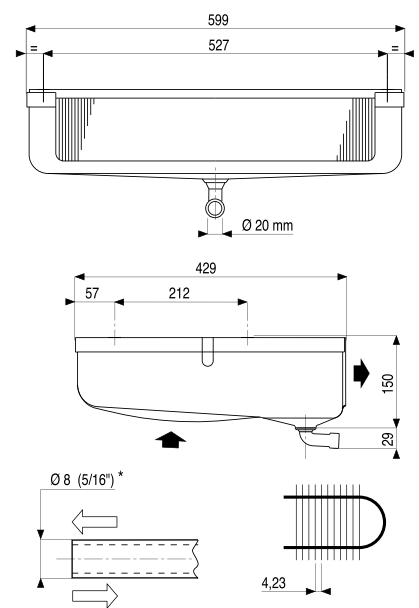


MF 1-2

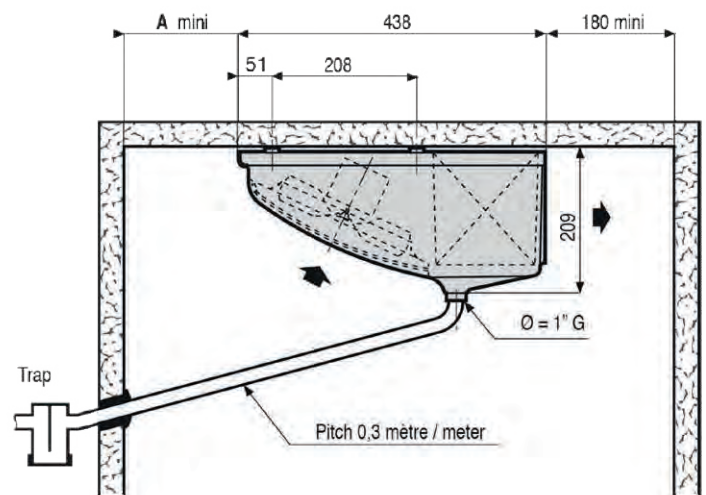
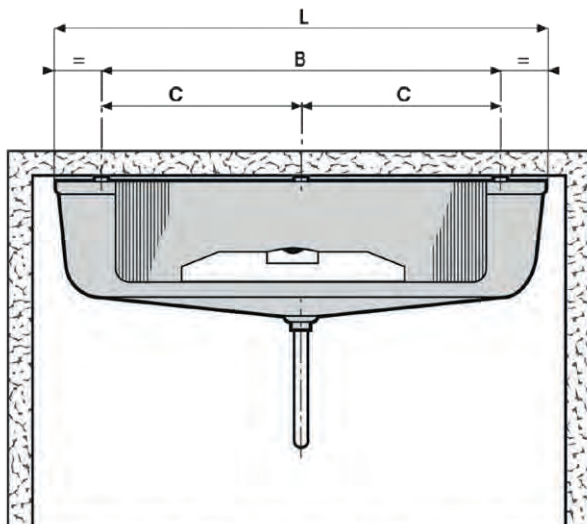


Wall mounting with **EMA** kit for MF 1-2

MF 3-4 / MFE 3-4



## MR/MRE



A mini : 90 mm necessary for casing swivelling  
160 mm necessary for casing disassembly.

	MR 75 R MR 65 L MRE 75 E MRE 65 C	MR 110 - 135 R MR 100 - 120 L MRE 110 - 135 E MRE 100 - 120 C	MR 160 - 180 - 210 R MR 140 - 170 - 190 L MRE 160 - 180 - 210 E MRE 140 - 170 - 190 C	MR 270 R MR 250 L MRE 270 E MRE 250 C
L	514	784	1174	1504
B	326	596	986	1316
C			493	658

## Friga-Bohn 3-CA Evaporators

Large space available for easy installation of the expansion valve.  
 Large electrical enclosure rendering maintenance tasks easier.  
 Easy removable side panels and articulated drain pans (interior and exterior), offering fast and easy access to all unit cooler elements (coil, fans, defrost heaters, connections).



### High Temperature (4mm Fin Spacing)

CODE	MODEL	DUTY-WATTS at SC 2 (8KTD)
H1000	3C-A 3142R	1530
H1001	3C-A 3143R	2100
H1002	3C-A 3145R	2570
H1003	3C-A 3155R	3050
H1004	3C-A 3165R	3420
H1005	3C-A 3243R	4200
H1006	3C-A 3245R	5280
H1007	3C-A 3343R	6360
H1008	3C-A 3344R	7380
H1009	3C-A 3345R	7950
H1140	3C-A 4165R	8140
H1074	3C-A 3354R	8620
H1027	3C-A 4166R	8830
H1075	3C-A 3444R	9840
H1076	3C-A 3445R	10920
H1010	3C-A 4263R	12160
H1206	3C-A 3455R	12460
H1030	3C-A 3545R	13700
H1141	3C-A 4264R	14710
H1142	3C-A 4265R	16650
H1143	3C-A 4266R	18400
H1144	3C-A 4364R	22270
H1145	3C-A 4366R	27220
H1146	3C-A 4386R	33180
H1147	3C-A 4466R	35870

### Electric Defrost (4mm Fin Spacing)

CODE	MODEL	DUTY-WATTS at SC 2 (8KTD)
H1011	3C-A 3142R E1U	1530
H1012	3C-A 3143R E1U	2100
H1013	3C-A 3145R E1U	2570
H1014	3C-A 3155R E1U	3050
H1015	3C-A 3165R E1U	3420
H1016	3C-A 3243R E1U	4200
H1017	3C-A 3245R E1U	5280
H1018	3C-A 3343R E1U	6360
H1019	3C-A 3344R E1U	7380
H1020	3C-A 3345R E1U	7950
H1148	3C-A 4165R E1U	8140
H1077	3C-A 3354R E1U	8620
H1078	3C-A 4166R E1U	8830
H1079	3C-A 3444R E1U	9840
H1080	3C-A 3445R E1U	10920
H1021	3C-A 4263R E1U	12160
H1023	3C-A 3455R E1U	12460
H1022	3C-A 3545R E1U	13700
H1149	3C-A 4264R E1U	14710
H1150	3C-A 4265R E1U	16650
H1151	3C-A 4266R E1U	18400
H1152	3C-A 4364R E1U	22270
H1153	3C-A 4366R E1U	27220
H1154	3C-A 4386R E1U	33180
H1155	3C-A 4466R E1U	35870

Heavy duty defrost available on request, for the above range of evaporators.



# Friga-Bohn 3-CA Evaporators

## Low Temperature (4mm Fin Spacing)

CODE	MODEL	DUTY-WATTS at SC 3 (7KTD)
H1086	3C-A 3142E	1140
H1100	3C-A 3143E	1540
H1101	3C-A 3145E	2010
H1102	3C-A 3155E	2320
H1103	3C-A 3165E	2600
H1104	3C-A 3243E	3250
H1106	3C-A 3245E	4190
H1107	3C-A 3343E	4950
H1108	3C-A 3344E	5820
H1109	3C-A 3345E	6150
H1176	3C-A 4165E	6300
H1110	3C-A 3354E	6820
H1111	3C-A 4166E	6850
H1127	3C-A 3444E	7780
H1128	3C-A 3445E	8470
H1129	3C-A 4263E	9290
H1130	3C-A 3455E	9480
H1131	3C-A 3545E	10150
H1177	3C-A 4264E	11120
H1178	3C-A 4265E	12960
H1179	3C-A 4266E	13700
H1180	3C-A 4364E	17050
H1181	3C-A 4366E	21080
H1182	3C-A 4386E	25120
H1183	3C-A 4466E	27160

## Low Temperature (6mm Fin Spacing)

CODE	MODEL	DUTY-WATTS at SC 3 (7KTD)
H1112	3C-A 3143C	1290
H1113	3C-A 3144C	1570
H1114	3C-A 3145C	1820
H1120	3C-A 3155C	2130
H1115	3C-A 3165C	2390
H1116	3C-A 3243C	2700
H1117	3C-A 3244C	3250
H1121	3C-A 3245C	3780
H1118	3C-A 3343C	4230
H1119	3C-A 3344C	5000
H1184	3C-A 4165C	5540
H1122	3C-A 3345C	5550
H1123	3C-A 3354C	5840
H1124	3C-A 4166C	6000
H1125	3C-A 3444C	6580
H1126	3C-A 3445C	7760
H1185	3C-A 4263C	8000
H1186	3C-A 3455C	8670
H1187	3C-A 3545C	9410
H1188	3C-A 4264C	9520
H1189	3C-A 4266C	12270
H1190	3C-A 4364C	14380
H1191	3C-A 4366C	18640
H1192	3C-A 4386C	22450
H1193	3C-A 4466C	24300

### Application:

MODEL	AIR INLET TEMPERATURE	FIN SPACING	DEFROST
3-CA****R	+10°C/+2°C	4mm (6 fpi)	None
3-CA****R E1U	+10°C/-5°C	4mm (6 fpi)	Electric
3-CA****E	-5°C/-25°C	4mm (6 fpi)	Electric
3-CA****C	-5°C/-25°C	6mm (4 fpi)	Electric

### Standard Conditions:

CONDITION	AIR INLET TEMPERATURE	EVAPORATING TEMPERATURE	STANDARD TD
SC 2	0°C	-8°C	8K
SC 3	-18°C	-25°C	7K

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.



# Friga-Bohn 3-CA Evaporators



## MARKET SEGMENTS

Bars - Restaurants - Corner shops - Mini-markets - Hard Discount  
 Supermarkets - Hypermarkets - Refrigerated storage and transit stocking  
 Dispatch centres - Food processing

## DESCRIPTION

### Casing

- The aesthetic, white pre-painted galvanized sheet steel casing enables easy cleaning of the unit.
- Articulated drain pan with rounded corners to eliminate condensate retention zones and no sharp or cutting edges to guarantee total safety.
- Hinged intermediate drain pan to help limit condensation (3C-A .. E/C).

### Ventilation

- High efficiency motor fan factory wired.
- EC fans available as an option (electronic commutation).
- The 3C-A unit cooler range is equipped with axial fans, requiring no routine maintenance:
  - Ø 300 mm, 4P = 1,320 rpm, 230V/1/50-60Hz, mono-block, IP 44, class B, internal thermal overload protection.
  - Ø 450 mm, two-speed, 4P/6P = 1,320/1,070 rpm, 400V/3/50Hz, mono-block, IP 54, class F, independently thermal overload protections to be connected.
- The high-efficiency, profiled fan blades turn at a very low noise level.
- Fan guards are compliant with safety standards.
- The 2V5 option offers a low speed setting which is ideal for applications in which noise level is a key consideration.

### Coil

- The highly efficient and compact 3C-A range finned coils are designed with aluminium fins (fin spacing 4 or 6 mm) and internally grooved copper tubes.
- The coils are supplied via a Venturi distributor.
- Coils for using the same unit cooler in positive or negative application.
- Multi refrigerant (HFC) coil.
- CO<sub>2</sub> or water glycol as an option on the entire range.

### Defrost

- Depending on the condition in the cold room, different level of defrost capacity are available factory wired or delivered as kits (see table below).
- Shielded electric heating elements are inserted in the sleeved tubes in the finned coil.
- One of the heaters is fastened under the intermediate drain pan. This facility enables homogenous heat distribution for fast and efficient defrosting.
- 230V/1-phase, 230V/3-phase or 400V/3-phase connection possible.
- 3C-A .. E/C range: standard, the heaters are factory wired to a terminal block in a sealed junction box and connected for 230V/1 and 400V/3.
- 3C-A .. R/L range: optional heaters and wiring (E1U and E2U).
- The condensate is recovered in an intermediate drain pan and then drained via a large drain fitting (Ø 1" G).
- Hot gas or glycol water defrost in option.

Designation

**3C-A**<sup>(1)</sup> **3**<sup>(2)</sup> **3**<sup>(3)</sup> **54**<sup>(4)</sup> **-R**<sup>(5)</sup>

- (1) ADVANCED range
- (2) Fan diameter: 3 = Ø 300 mm - 4 = Ø 450 mm
- (3) Number of fans
- (4) Model
- (5) Fin spacing: R/E = 4 mm - L/C = 6 mm

## CERTIFICATIONS



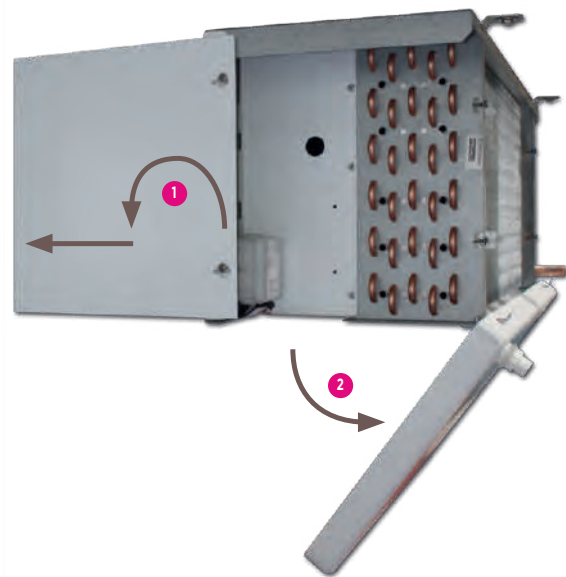
## AVANTAGES

### Installation / Entretien / Maintenance

Large space available for easy installation of the expansion valve.

Large electrical enclosure rendering maintenance tasks easier.

- 1 Easy removable side panels and
- 2 articulated drain pans (interior and exterior), offering fast and easy access to all unit cooler elements (coil, fans, defrost heaters, connections...).



		Number of heaters							
		Mounting		Ø 300 mm			Ø 450 mm		
Defrost	Models	Kit	Factory	Models	Coil	Drain pan	Models	Coil	Drain pan
Light	3C-A .. R/L	E1K option	E1U option	3xxx except 3142	3 2	-	all	3	-
	3C-A .. R/L 3C-A .. E/C	E2K option -	- E2U option	all	2	1	all	5	1
Full	3C-A .. L	E3K option	-	3xx3 3xx4 3xx5	3 3 4	1 1 1	4xxx except 4263	8 5	1 1
	3C-A .. C	-	Standard						
	3C-A .. R	E3K option	-	3xx2 3xx3 3xxx	2 3 5	1 1 1	4xxx except 4263	8 5	1 1
	3C-A .. E	-	Standard						

# Friga-Bohn 3-CA Evaporators

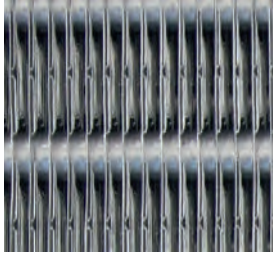


## APPLICATION OF OPTIONS

### Homogenous distribution of air flow

#### RFA option - Air stream deflector (streamer)

Provides increased air throw, optimised air flow and efficient distribution of air in the cold room.



### Application requiring installation of a textile duct



VGT option used to fasten the textile duct (not supplied).

### Adapted ventilation and noise level



#### 2V5 option - Two-speed fan

The fan motor may be wired for high or low speed:

**High speed** during the charging phase requiring high capacity.

**Low speed** during a long storage period or in case of presence of employees for reduced noise level.

### Defrost for low-temperature applications



#### VPM option - Shell / air stream deflector (streamer) + flexible defrost sleeve

Avoid circulation of hot air during defrost cycles.

Reduction of defrost cycle time for energy saving.

Kit	Factory
	<b>OPTIONS</b>
	<b>Casing</b>
	PEI White painted casing.
	CIN Stainless steel frame.
	EIS Insulated drain pan.
DPK	Intermediate drain pan Kit (3C-A .. R/L).
	<b>Ventilation</b>
	2V5 Two-speed fan 400V/3/50Hz (Ø 450mm).
	MM5 Fan 230V/1/50Hz (Ø 450mm).
	M60 Fan 230-400V/3/60Hz (Ø 450mm) or 230V/1/60Hz (Ø 300mm).
RFA	Shell / air stream deflector (streamer).
VGT	RFA + mounting parts for textile duct.
MSD	Flexible defrost sleeve.
VPM	VGT + MSD
EC3	Dual speed EC fans (electronic commutation).
	<b>Coil</b>
BAE	Paint coil protection.
BXT	Blygold Polual XT coil protection.
BHE	Heresite coil protection.
WCO	Glycol water, coolant (please contact us for details).
CO2	R744 optimization DX (please contact us for details).
	<b>Defrost</b>
HG1	Hot gas (coil: hot gas, drain pan: electric heating elements).
HGT	Hot gas (coil and drain pan).
DEG	Hot glycol water defrost.
E1K	E1U Light electric defrost: 3 coil heaters
E2K	E2U Intermediate electric defrost: 2 coil heaters + 1 drain pan heater + intermediate drain pan.
E3K	Full electric defrost: 5 coil heaters + 1 drain pan heater + intermediate drain pan.
RVK	RVU Shell defrost heaters.
HDA	Suction hood defrost.
2TH	Defrost and safety thermostats (5709L + 5708L).
THD	Defrost thermostat (5709L).
THS	Safety thermostat (5708L).
	<b>Fully equipped unit coolers</b>
DMP	Expansion valve fitted.
EVL	DMP + solenoid valve fitted.
EEC	EVL + copper siphon equipped with a ball valve delivered not fitted.

## Specification

High Temperature (4mm Fin Spacing)

Model	Air Vol m3/hr	N° of Fans	Fan Volts	Air Throw	Dimensions (mm)			Connections		Weight kg
					L	W	H	Liq.	Suct.	
3C-A 3142R	1600	1	1ph	15m	659	484	428	3/8"	3/8"	17
3C-A 3143R	1480	1	1ph	14m	659	484	428	5/8"	5/8"	18
3C-A 3145R	1270	1	1ph	12m	659	484	428	5/8"	5/8"	20
3C-A 3155R	1420	1	1ph	14m	759	484	428	5/8"	5/8"	22
3C-A 3165R	1530	1	1ph	15m	859	484	428	5/8"	5/8"	24
3C-A 3243R	2950	2	1ph	17m	1059	484	428	5/8"	7/8"	28
3C-A 3245R	2530	2	1ph	15m	1059	484	428	5/8"	7/8"	32
3C-A 3343R	4420	3	1ph	20m	1554	484	428	5/8"	7/8"	41
3C-A 3344R	4100	3	1ph	19m	1554	484	428	5/8"	7/8"	43
3C-A 3345R	3800	3	1ph	18m	1554	484	428	5/8"	7/8"	45
3C-A 4165R	5160	1	3ph	25m	998	610	635	7/8"	7/8"	41
3C-A 3354R	4510	3	1ph	21m	1854	484	428	5/8"	7/8"	48
3C-A 4166R	4850	1	3ph	24m	998	610	635	7/8"	7/8"	43
3C-A 3444R	5460	4	1ph	22m	1954	484	428	5/8"	7/8"	54
3C-A 3445R	5070	4	1ph	21m	1954	484	428	7/8"	1-1/8"	57
3C-A 4263R	11740	2	3ph	32m	1598	610	635	7/8"	1-3/8"	58
3C-A 3455R	5700	4	1ph	23m	2354	484	428	7/8"	1-3/8"	65
3C-A 3545R	6340	5	1ph	24m	2354	484	428	7/8"	1-3/8"	70
3C-A 4264R	10990	2	3ph	31m	1598	610	635	1-1/8"	1-3/8"	62
3C-A 4265R	10310	2	3ph	30m	1598	610	635	1-1/8"	1-3/8"	65
3C-A 4266R	9700	2	3ph	29m	1598	610	635	1-1/8"	1-3/8"	69
3C-A 4364R	16480	3	3ph	35m	2198	610	635	1-1/8"	1-5/8"	84
3C-A 4366R	14560	3	3ph	33m	2198	610	635	1-3/8"	2-1/8"	95
3C-A 4386R	16780	3	3ph	35m	2798	610	635	1-3/8"	2-1/8"	114
3C-A 4466R	19410	4	3ph	36m	2798	610	635	1-3/8"	2-1/8"	123

# FRIGA-BOHN





## Specification

### Electric Defrost (4mm Fin Spacing)

Model	Air Vol m3/hr	N° of Fans	Fan Volts	Air Throw	Defrost load (watts)	Defrost Supply Voltage	Dimensions (mm)			Connections		Weight kg
							L	W	H	Liq.	Suct.	
3C-A 3142R E1U	1600	1	1ph	15m	580	1ph	659	484	428	3/8"	3/8"	17
3C-A 3143R E1U	1480	1	1ph	14m	870	1ph	659	484	428	5/8"	5/8"	18
3C-A 3145R E1U	1270	1	1ph	12m	870	1ph	659	484	428	5/8"	5/8"	20
3C-A 3155R E1U	1420	1	1ph	14m	1080	1ph	759	484	428	5/8"	5/8"	22
3C-A 3165R E1U	1530	1	1ph	15m	1290	1ph	859	484	428	5/8"	5/8"	24
3C-A 3243R E1U	2950	2	1ph	17m	1740	1ph	1059	484	428	5/8"	7/8"	28
3C-A 3245R E1U	2530	2	1ph	15m	1740	1ph	1059	484	428	5/8"	7/8"	32
3C-A 3343R E1U	4420	3	1ph	20m	2580	1ph	1554	484	428	5/8"	7/8"	41
3C-A 3344R E1U	4100	3	1ph	19m	2580	1ph	1554	484	428	5/8"	7/8"	43
3C-A 3345R E1U	3800	3	1ph	18m	2580	1ph	1554	484	428	5/8"	7/8"	45
3C-A 4165R E1U	3160	1	3ph	25m	1080	1ph	998	610	635	7/8"	7/8"	41
3C-A 3354R E1U	4510	3	1ph	21m	3240	3ph	1854	484	428	5/8"	7/8"	48
3C-A 4166R E1U	4850	1	3ph	24m	1080	1ph	998	610	635	7/8"	7/8"	43
3C-A 3444R E1U	5460	4	1ph	22m	3450	3ph	1954	484	428	5/8"	7/8"	54
3C-A 3445R E1U	5070	4	1ph	21m	3450	3ph	1954	484	428	7/8"	1-1/8"	57
3C-A 4263R E1U	11740	2	3ph	32m	2160	1ph	1598	610	635	7/8"	1-3/8"	58
3C-A 3455R E1U	5700	4	1ph	23m	4320	3ph	2354	484	428	7/8"	1-3/8"	65
3C-A 3545R E1U	6340	5	1ph	24m	4320	3ph	2354	484	428	7/8"	1-3/8"	70
3C-A 4264R E1U	10990	2	3ph	31m	2160	1ph	1598	610	635	1-1/8"	1-3/8"	62
3C-A 4265R E1U	10310	2	3ph	30m	2160	1ph	1598	610	635	1-1/8"	1-3/8"	65
3C-A 4266R E1U	9700	2	3ph	29m	2160	1ph	1598	610	635	1-1/8"	1-3/8"	69
3C-A 4364R E1U	16480	3	3ph	35m	3240	3ph	2198	610	635	1-1/8"	1-5/8"	84
3C-A 4366R E1U	14560	3	3ph	33m	3240	3ph	2198	610	635	1-3/8"	2-1/8"	95
3C-A 4386R E1U	16780	3	3ph	35m	3960	3ph	2798	610	635	1-3/8"	2-1/8"	114
3C-A 4466R E1U	19410	4	3ph	36m	3960	3ph	2798	610	635	1-3/8"	2-1/8"	123



## Specification

Low Temperature (4mm Fin Spacing)

Model	Air Vol m3/hr	N° of Fans	Fan Volts	Air Throw	Defrost load (watts)	Defrost supply Voltage	Dimensions (mm)			Connections		Weight kg
							L	W	H	Liq.	Suct.	
3C-A 3142E	1600	1	1ph	15m	870	1ph	659	484	428	3/8"	3/8"	17
3C-A 3143E	1480	1	1ph	14m	1160	1ph	659	484	428	5/8"	5/8"	18
3C-A 3145E	1270	1	1ph	12m	1740	1ph	659	484	428	5/8"	5/8"	20
3C-A 3155E	1420	1	1ph	14m	2160	1ph	759	484	428	5/8"	5/8"	22
3C-A 3165E	1530	1	1ph	15m	2580	1ph	859	484	428	5/8"	5/8"	24
3C-A 3243E	2950	2	1ph	17m	2320	1ph	1059	484	428	5/8"	7/8"	28
3C-A 3245E	2530	2	1ph	15m	3480	1ph	1059	484	428	5/8"	7/8"	32
3C-A 3343E	4420	3	1ph	20m	3440	1ph	1554	484	428	5/8"	7/8"	41
3C-A 3344E	4100	3	1ph	19m	5160	3ph	1554	484	428	5/8"	7/8"	43
3C-A 3345E	3800	3	1ph	18m	5160	3ph	1554	484	428	5/8"	7/8"	45
3C-A 4165E	5160	1	3ph	25m	3240	1ph	998	610	635	7/8"	7/8"	41
3C-A 3354E	4510	3	1ph	21m	6480	3ph	1854	484	428	5/8"	7/8"	48
3C-A 4166E	4850	1	3ph	24m	3240	1ph	998	610	635	7/8"	7/8"	43
3C-A 3444E	5460	4	1ph	22m	6900	3ph	1954	484	428	5/8"	7/8"	54
3C-A 3445E	5070	4	1ph	21m	6900	3ph	1954	484	428	7/8"	1-1/8"	57
3C-A 4263E	11740	2	3ph	32m	4320	3ph	1598	610	635	7/8"	1-3/8"	58
3C-A 3455E	5700	4	1ph	23m	8640	3ph	2354	484	428	7/8"	1-3/8"	65
3C-A 3545E	6340	5	1ph	24m	8640	3ph	2354	484	428	7/8"	1-3/8"	70
3C-A 4264E	10990	2	3ph	31m	6480	3ph	1598	610	635	1-1/8"	1-3/8"	62
3C-A 4265E	10310	2	3ph	30m	6480	3ph	1598	610	635	1-1/8"	1-3/8"	65
3C-A 4266E	9700	2	3ph	29m	6480	3ph	1598	610	635	1-1/8"	1-3/8"	69
3C-A 4364E	16480	3	3ph	35m	9720	3ph	2198	610	635	1-1/8"	1-5/8"	84
3C-A 4366E	14560	3	3ph	33m	9720	3ph	2198	610	635	1-3/8"	2-1/8"	95
3C-A 4386E	16780	3	3ph	35m	11880	3ph	2798	610	635	1-3/8"	2-1/8"	114
3C-A 4466E	19410	4	3ph	36m	11880	3ph	2798	610	635	1-3/8"	2-1/8"	123



## Specification

Low Temperature (6mm Fin Spacing)

Model	Air Vol m3/hr	N° of Fans	Fan Volts	Air Throw	Defrost load (watts)	Defrost supply Voltage	Dimensions (mm)			Connections		Weight kg
							L	W	H	Liq.	Suct.	
3C-A 3143C	1560	1	1ph	15m	1160	1ph	659	484	428	5/8"	5/8"	18
3C-A 3144C	1470	1	1ph	14m	1160	1ph	659	484	428	5/8"	5/8"	19
3C-A 3145C	1380	1	1ph	13m	1450	1ph	659	484	428	5/8"	5/8"	19
3C-A 3155C	1520	1	1ph	15m	1800	1ph	759	484	428	5/8"	5/8"	21
3C-A 3165C	1600	1	1ph	16m	2150	1ph	859	484	428	5/8"	5/8"	23
3C-A 3243C	3120	2	1ph	18m	2320	1ph	1059	484	428	5/8"	7/8"	28
3C-A 3244C	2940	2	1ph	17m	2320	1ph	1059	484	428	5/8"	7/8"	29
3C-A 3245C	2770	2	1ph	16m	3480	1ph	1059	484	428	5/8"	7/8"	30
3C-A 3343C	4680	3	1ph	21m	3440	1ph	1554	484	428	5/8"	7/8"	39
3C-A 3344C	4400	3	1ph	20m	3440	1ph	1554	484	428	5/8"	7/8"	41
3C-A 4165C	5560	1	3ph	26m	3240	1ph	998	610	635	5/8"	7/8"	39
3C-A 3345C	4150	3	1ph	19m	4300	3ph	1554	484	428	5/8"	7/8"	43
3C-A 3354C	4740	3	1ph	22m	4320	3ph	1854	484	428	5/8"	7/8"	46
3C-A 4166C	5290	1	3ph	25m	3240	1ph	998	610	635	7/8"	7/8"	41
3C-A 3444C	5870	4	1ph	23m	4600	3ph	1954	484	428	5/8"	7/8"	52
3C-A 3445C	5540	4	1ph	22m	5750	3ph	1954	484	428	7/8"	1-1/8"	55
3C-A 4263C	12300	2	3ph	33m	4320	3ph	1598	610	635	7/8"	1-3/8"	56
3C-A 3455C	6060	4	1ph	24m	7200	3ph	2354	484	428	7/8"	1-3/8"	62
3C-A 3545C	6920	5	1ph	25m	7200	3ph	2354	484	428	7/8"	1-3/8"	66
3C-A 4264C	11690	2	3ph	32m	6480	3ph	1598	610	635	1-1/8"	1-3/8"	59
3C-A 4266C	10580	2	3ph	31m	6480	3ph	1598	610	635	1-1/8"	1-3/8"	65
3C-A 4364C	17540	3	3ph	36m	9720	3ph	2198	610	635	1-1/8"	1-5/8"	81
3C-A 4366C	15870	3	3ph	34m	9720	3ph	2198	610	635	1-3/8"	2-1/8"	90
3C-A 4386C	17780	3	3ph	36m	11880	3ph	2798	610	635	1-3/8"	2-1/8"	108
3C-A 4466C	21160	4	3ph	37m	11880	3ph	2798	610	635	1-3/8"	2-1/8"	117

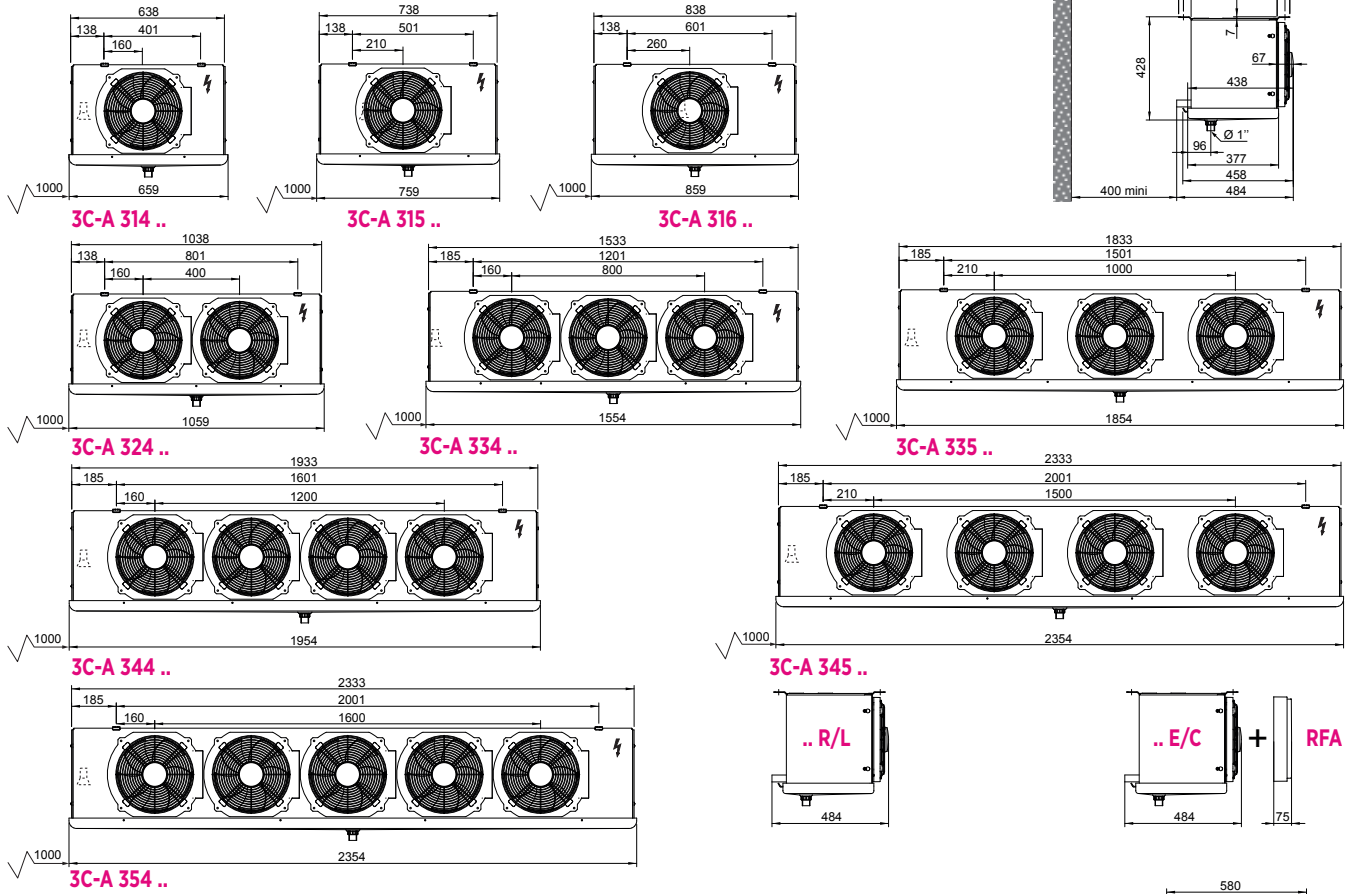


# Friga-Bohn 3-CA Evaporator

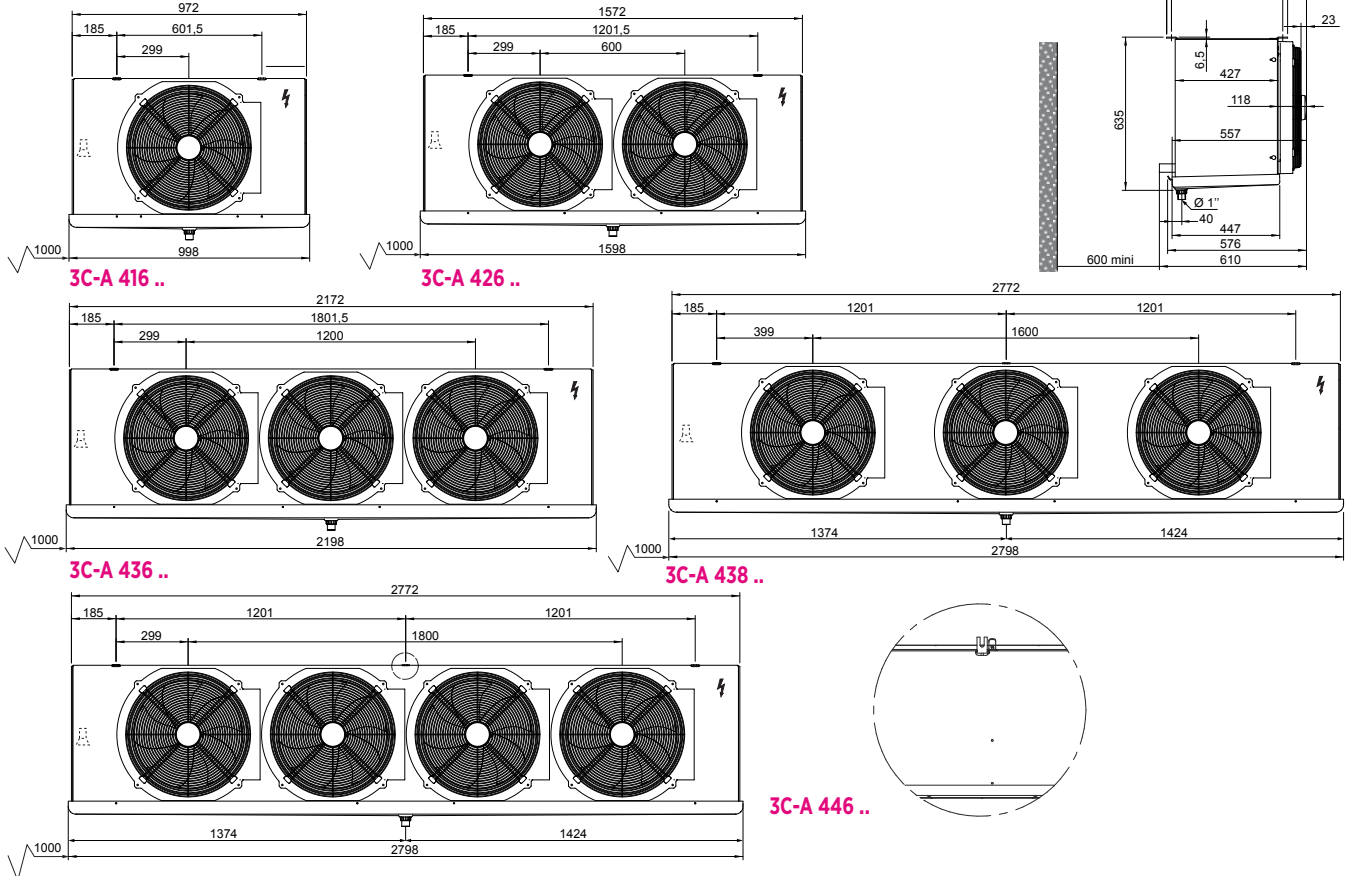
## Dimensions



Ø 300 MM



Ø 450 MM







1 > 35 kW



# 3C-A

- The 3C-A range is designed for commercial and semi industrial refrigeration applications or low temperature storage.
- Numerous electric, hot water or hot gas defrost possibilities.
- Wide choice of options for specific environment (streamer, stainless steel).
- EC motor (optional) enables optimization of noise level and power consumption.



[www.lennoxemea.com](http://www.lennoxemea.com)

**FRIGA-BOHN**

## Friga-Bohn NTA Evaporators

The latest range of NTA dual discharge commercial unit coolers from Friga-Bohn is based on its 20 years experience with the popular TA range coolers. With removable grill and hinged ABS casing the unit is easy to maintain. Low air speed and low noise level guarantee a comfortable environment.

EC fan motors also available on this range, please contact our technical department for details.



**NEW**



### High Temperature 3.5 mm Fin Spacing

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
H570	NTA M 0R 1-AC GV	1550
H580	NTA M 1R 1-AC GV	2430
H581	NTA M 2R 2-AC GV	3230
H582	NTA M 3R 2-AC GV	4430
H583	NTA M 4R 2-AC GV	5000
H584	NTA M 5R 3-AC GV	6270
H585	NTA M 6R 3-AC GV	8000
H571	NTA M 7R 4-AC GV	10180
H586	NTA M 8R 4-AC GV	11200
H572	NTA M 9R 4-AC GV	13440

### High Temperature 6.0 mm Fin Spacing

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
H573	NTA M 0L 1-AC GV	1150
H574	NTA M 1L 1-AC GV	2140
H575	NTA M 2L 2-AC GV	2960
H576	NTA M 3L 2-AC GV	3960
H577	NTA M 4L 2-AC GV	4420
H578	NTA M 5L 3-AC GV	5540
H579	NTA M 6L 3-AC GV	6670
H568	NTA M 7L 4-AC GV	8330
H569	NTA M 9L 5-AC GV	11200



### Standard Conditions:

CONDITION	AIR INLET TEMPERATURE	EVAPORATING TEMPERATURE	STANDARD TD
SC 2	0°C	-8°C	8K

**NOTE:** For applications with an air inlet temperature of below +2°C defrost heaters will be necessary.

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.

## Specification:

MODEL	AIR VOL. cu/mr	FANS	AIR THROW	SOUND LEVEL	DIMENSIONS (mm)			CONNECTIONS	
					L	W	H	Liq.	Suct.
NTA M 0R 1-AC GV	1630	1	2 x 14	38	872	819	299	3/8"	3/8"
NTA M 1R 1-AC GV	1460	1	2 x 12	38	872	819	299	1/2"	5/8"
NTA M 2R 2-AC GV	3250	2	2 x 14	41	1372	819	299	1/2"	5/8"
NTA M 3R 2-AC GV	3070	2	2 x 13	41	1372	819	299	1/2"	5/8"
NTA M 4R 2-AC GV	2920	2	2 x 12	41	1372	819	299	1/2"	5/8"
NTA M 5R 3-AC GV	4610	3	2 x 13	42	1872	819	316	1/2"	5/8"
NTA M 6R 3-AC GV	4180	3	2 x 12	42	1872	819	316	1/2"	7/8"
NTA M 7R 4-AC GV	5840	4	2 x 12	44	2372	819	316	1/2"	7/8"
NTA M 8R 4-AC GV	5570	4	2 x 12	44	2372	819	316	5/8"	1-1/8"
NTA M 9R 5-AC GV	6960	5	2 x 12	44	2872	819	316	5/8"	1-1/8"
NTA M 0L 1-AC GV	1700	1	2 x 15	38	872	819	299	3/8"	3/8"
NTA M 1L 1-AC GV	1500	1	2 x 13	38	872	819	299	1/2"	5/8"
NTA M 2L 2-AC GV	3250	2	2 x 14	41	1372	819	299	1/2"	5/8"
NTA M 3L 2-AC GV	3120	2	2 x 13	41	1372	819	299	1/2"	5/8"
NTA M 4L 2-AC GV	3010	2	2 x 13	41	1372	819	299	1/2"	5/8"
NTA M 5L 3-AC GV	4680	3	2 x 13	42	1872	819	316	1/2"	5/8"
NTA M 6L 3-AC GV	4520	3	2 x 13	42	1872	819	316	1/2"	7/8"
NTA M 7L 4-AC GV	6020	4	2 x 13	44	2372	819	316	1/2"	7/8"
NTA M 9L 5-AC GV	7520	5	2 x 13	44	2872	819	316	5/8"	1-1/8"

Sound pressure levels are given in dB(A) at Lp 4m (3)  
All models should be fitted with externally equalised expansion valves.

## NTA Evaporator Defrost Kits

CODE	MODEL	TO SUIT MODEL	DEFROST WATTS
H589	KT6F00E1K	E1K NTA 0 R-L	350
H590	KT6F10E1K	E1K NTA 1 R-L	800
H591	KT6F20E1K	E1K NTA 2 R-L	800
H592	KT6F30E1K	E1K NTA 3 R-L	1200
H593	KT6F40E1K	E1K NTA 4 R-L	1600
H594	KT6F5RE1K	E1K NTA 5 R	1800
H595	KT6F5LE1K	E1K NTA 5 L	3000
H596	KT6F60E1K	E1K NTA 6 R-L	3200
H597	KT6F78E1K	E1K NTA 7 R-L / 8R	3200
H598	KT6F90E1K	E1K NTA 9 R-L	3400



## NTA Spare Parts

CODE	DESCRIPTION	PART NUMBER
H850	Fan Assembly - NTA - AC	PDVE00666
H851	Casing - Fan location + Fan guard	PD6F00002
H852	Casing - Fan guard	PD6F00011
H853	Casing - 2 Down thread & 2 Up (drain pan)	PD6F00004
H854	Inside drain pan. NTA 1 Fan	PDHB08071
H855	Inside drain pan. NTA 2 Fans	PDHB08272
H856	Inside drain pan. NTA 3 Fans	PDHB08065
H857	Inside drain pan. NTA 4 Fans	PDHB08068
H858	Inside drain pan. NTA 5 Fans	PDHB08059
H859	Condensate Discharge Pump Kit	PD6F00001



## Friga-Bohn Spares

### 3 CA Spares

CODE	DESCRIPTION	PART NUMBER	TO SUIT
H1500	Fan Assembly 3CA-3 R/L	PDVE00502	314/315/316/324/334/335/344/345/354
H1502	Fan Assembly 3CA-3 E/C	PDLP00962	314/315/316/324/334/335/344/345/354
H1503	Fan Assembly 3CA-4- R/L/E/C	PDVE00524	416/426/436/438/446
H1515	Coil Heater 3CA-R 314	PDDG00059	
H1516	Coil Heater 3CA-R 315	PDDG00060	
H1517	Coil Heater 3CA-R 316	PDDG00061	
H1518	Coil Heater 3CA-R 324	PDDG00062	
H1519	Coil Heater 3CA-R 334	PDDG00063	
H1520	Coil Heater 3CA-R 335	PDDG00049	
H1521	Coil Heater 3CA-R 344	PDDG00064	
H1522	Coil Heater 3CA-R 345/354	PDDG00065	
H1523	Coil Heater 3CA-R 416	PDDG00066	
H1524	Coil Heater 3CA-R 426	PDDG00056	
H1525	Coil Heater 3CA-R 436	PDDG00067	
H1526	Coil Heater 3CA-R 438/446	PDDG00068	
H1540	Drain Pan Heater 3CA-L 314	PDDG00071	
H1541	Drain Pan Heater 3CA-L 315	PDDG00072	
H1542	Drain Pan Heater 3CA-L 316	PDDG00073	
H1543	Drain Pan Heater 3CA-L 324	PDDG00074	
H1544	Drain Pan Heater 3CA-L 334	PDDG00075	
H1545	Drain Pan Heater 3CA-L 335	PDDG00050	
H1546	Drain Pan Heater 3CA-L 344	PDDG00076	
H1547	Drain Pan Heater 3CA-L 345/354	PDDG00077	
H1548	Drain Pan Heater 3CA-L 416	PDDG00078	
H1549	Drain Pan Heater 3CA-L 426	PDDG00058	
H1550	Drain Pan Heater 3CA-L 436	PDDG00079	
H1551	Drain Pan Heater 3CA-L 438/446	PDDG00080	
H1570	Drain Pan 3CA-R/L 314	PDHB05640	
H1571	Drain Pan 3CA-R/L 315	PDHB05683	
H1572	Drain Pan 3CA-R/L 316	PDHB05684	
H1573	Drain Pan 3CA-R/L 324	PDHB05685	
H1574	Drain Pan 3CA-R/L 334	PDHB05686	
H1575	Drain Pan 3CA-R/L 335	PDHB05690	
H1576	Drain Pan 3CA-R/L 344	PDHB05691	
H1577	Drain Pan 3CA-R/L 345/354	PDHB05639	
H1578	Drain Pan 3CA-R/L 416	PDHB05484	
H1579	Drain Pan 3CA-R/L 426	PDHB05604	
H1580	Drain Pan 3CA-R/L 436	PDHB05486	
H1581	Drain Pan 3CA-R/L 438/446	PDHB05487	
H1590	Side Panel 3CA-R/L 314/315/316/324	PDHB05682	
H1591	Side Panel 3CA-R/L 334/335/344/345/354	PDHB05343	
H1592	Side Panel 3CA-R/L 416/426/436/438/446	PDHB05605	

### MF/MR Spares

CODE	DESCRIPTION	PART NUMBER	TO SUIT
H905	Fan Guard	PD520285B	MF/MFE & MR/MRE
H910	Motor/Fan Assembly (1ph)	PD3502900	MF/MFE & MR/MRE
H930	Defrost Heater	PD650483C	MFE 1
H931	Defrost Heater	PD650484C	MFE 2
H932	Defrost Heater	PD650569C	MFE 3 & 4
H903	Heater Clips	PD2043205	MRE
H933	Defrost Heater	PD6A3315B	MRE 75
H934	Defrost Heater	PD6A3316B	MRE 110
H935	Defrost Heater	PD6A3314B	MRE 135
H936	Defrost Heater	PD6A3300B	MRE 210
H937	Defrost Heater	PD6A3299B	MRE 270



## XR Spares

CODE	DESCRIPTION	PART NUMBER	TO SUIT
H911	Motor/Fan Assembly	PD210300	XR60, 72, 80 & 90

## SD Spares

CODE	DESCRIPTION	PART NUMBER	TO SUIT
H913	Motor/Fan Assembly	PD5F00000	SD - All Models (1ph)
H940	Heater - Coil or Tray	PD0101136	SD024, 030, 038R SD021, 027, 035C
H941	Heater - Coil or Tray	PD0101137	SD052R - SD048C
H942	Heater - Coil or Tray	PD0101138	SD062R - SD073C
H943	Heater - Coil or Tray	PD0101139	SD082, 104, 118R, SD095, 110C
H944	Heater - Coil or Tray	PD0101140	SD148, 158R SD136, 148C

## LUC/MUC Spares

CODE	DESCRIPTION	PART NUMBER	TO SUIT
H920	Motor/Fan Assembly (1ph)	PD0210030	MUC145R to MUC620R & LUC150C to LUC645C
H921	Motor/Fan Assembly (3ph)	PD0210140	MUC780R - LUC835C - LUC840E
H922	Motor/Fan Assembly (3ph)	PD0210160	MUC 960R - LUC1025C
H925	1ph Motor	PD3507000	MUC780R - LUC835C & MUC 960R - LUC1025C
H908	Fan Blade (5 Blades)	PDVE00159	MUC/LUC
H907	Fan Guard	PD0240030	LUC/MUC Before June 2012 (White)
H906	Fan Guard	PDVE00289	LUC/MUC After June 2012 (Grey)
H950	E1K Kit	KT5C0747C	MUC145R
H951	E1K Kit	KT5C0748C	MUC200R
H952	E1K Kit	KT5C0749C	MUC285R
H953	E1K Kit	PDLP00831	MUC320R
H954	E1K Kit	KT5C0751C	MUC420R
H955	E1K Kit	KT5C0752C	MUC520R
H956	E1K Kit	KT5C0753C	MUC620R
H957	E1K Kit	KT5C0754C	MUC780R
H958	E1K Kit	KT5C6755C	MUC960R
H960	Coil Heater	PD0310010	LUC150 205C
H961	Coil Heater	PD0310020	LUC290, 345C
H962	Coil Heater	PD0310030	LUC435, 545C
H963	Coil Heater	PD0310040	LUC645, 835, 1015C
H964	Tray Heater	PD0320010	LUC150, 205C
H965	Tray Heater	PD0320020	LUC290, 345C
H966	Tray Heater	PD0320030	LUC435, 545C
H967	Coil Heater	PD0320040	LUC645, 835, 1015C
H902	Heater Clips	PD0196300	LUC

## SK/SKB Spares

CODE	DESCRIPTION	PART NUMBER	TO SUIT
H923	Motor/Fan Assembly (3ph)	PD5900000	SK All Models
H924	Motor/Fan Assembly (3ph)	PDVE00093	SKB All Models
H927	Motor/Fan Assembly (1ph)	PD5900041	SK - ALL Models
H909	Fan Guard	PD0240135	SK - ALL Models
H970	Coil Heater	PD010594C	SK10R, SK08C
H971	Coil Heater	PD010592C	SK12R SK10C
H972	Coil Heater	PD010624C	SK16R, SK12C
H973	Coil Heater	PD010593C	SK19R, SK15C
H974	Coil Heater	PD010625C	SK24R, SK19C
H975	Tray Heater	PD020636C	SK10R, SK08C
H976	Tray Heater	PD020589C	SK12R, SK10C
H977	Tray Heater	PD020637C	SK16R, SK12C
H978	Tray Heater	PD020588C	SK19R, SK15C
H979	Tray Heater	PD020590C	SK24R, SK19C

## TA Spares

CODE	DESCRIPTION	PART NUMBER	TO SUIT
H914	Motor/Fan Assembly (1ph)	PD6B04200	TA - 04P/230V/1/50Hz
H915	Motor/Fan Assembly (1ph)	PD6B06200	TA - 06P/230V/1/50Hz
H916	Motor/Fan Assembly (1ph)	PD6B08200	TA - 08P/230V/1/50Hz

## GTI Spares

CODE	DESCRIPTION	PART NUMBER	TO SUIT
H917	Motor/Fan Assembly	PD0210420	GTI - 04P/50Hz
H918	Motor/Fan Assembly	PD0210430	GTI - 06P/50Hz
H919	Motor/Fan Assembly	PD0210440	GTI - 08P/50Hz

## LU-VE F31HC Unit Coolers

Unit coolers for coldrooms

High Temperature (4.5mm Fin Spacing)

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
R870	F31HC 115-4N	2530
R871	F31HC 116-4N	3100
R872	F31HC 125-4N	5100
R873	F31HC 126-4N	6200
R874	F31HC 135-4N	7600
R875	F31HC 136-4N	9500
R876	F31HC 146-4N	12550



Electric Defrost (4.5mm Fin Spacing)

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
R877	F31HC 115-4E	2530
R868	F31HC 116-4E	3100
R862	F31HC 125-4E	5100
R869	F31HC 126-4E	6200
R878	F31HC 135-4E	7600
R879	F31HC 136-4E	9500
R880	F31HC 146-4E	12550



High Temperature (6.0mm Fin Spacing)

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
R881	F31HC 215-6N	2180
R882	F31HC 216-6N	2800
R883	F31HC 225-6N	4400
R884	F31HC 226-6N	5600
R885	F31HC 235-6N	6600
R886	F31HC 236-6N	8450
R887	F31HC 246-6N	11300

Electric Defrost (6.0mm Fin Spacing)

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
R888	F31HC 215-6E	2180
R889	F31HC 216-6E	2800
R863	F31HC 225-6E	4400
R890	F31HC 226-6E	5600
R891	F31HC 235-6E	6600
R892	F31HC 236-6E	8450
R893	F31HC 246-6E	11300



Standard Conditions:

CONDITION	AIR INLET TEMPERATURE	EVAPORATING TEMPERATURE	STANDARD TD
SC 2	0°C	-8°C	8K

**NOTE:** F31HC evaporator fans are supplied with EC motors as standard. AC motors available on request.

The duties indicated have been calculated using R404A. For other refrigerants please contact us for the relevant selection.

## LU-VE F31HC Unit Coolers

Unit coolers for coldrooms

High Temperature (7.0mm Fin Spacing)

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
R894	F31HC 315-7N	1970
R866	F31HC 316-7N	2580
R865	F31HC 325-7N	3950
R861	F31HC 326-7N	5150
R864	F31HC 335-7N	5950
R860	F31HC 336-7N	7750
R895	F31HC 346-7N	10450



Electric Defrost (7.0mm Fin Spacing)

at SC 2 (8KTD)

CODE	MODEL	DUTY-WATTS
R896	F31HC 315-7E	1970
R897	F31HC 316-7E	2580
R898	F31HC 325-7E	3950
R899	F31HC 326-7E	5150
R858	F31HC 335-7E	5950
R867	F31HC 336-7E	7750
R859	F31HC 346-7E	10450



## LU-VE F31HC Unit Coolers

Specification:

4.5mm Fin Spacing



MODEL	AIR VOL. cu/m hr	NO OF FANS	AIR THROW	DEFROST WATTS	DIMENSIONS (MM)			MOTOR AMPS	CONNECTIONS		WEIGHT KG
					H	W	D		IN	OUT	
F31HC 115-4	1600	1	17M	1700	415	760	416	0.60	12mm	16mm	23
F31HC 116-4	1400	1	15M	2550	415	760	416	0.60	12mm	18mm	25
F31HC 125-4	3200	2	20M	2900	415	1210	416	1.20	12mm	18mm	39
F31HC 126-4	2800	2	18M	4300	415	1210	416	1.20	12mm	22mm	44
F31HC 135-4	4800	3	24M	4050	415	1660	416	1.80	12mm	22mm	56
F31HC 136-4	4200	3	21M	6050	415	1660	416	1.80	16mm	35mm	63
F31HC 146-4	5600	4	22M	7800	415	2110	416	2.40	16mm	35mm	82

6.0mm Fin Spacing

MODEL	AIR VOL. cu/m hr	NO OF FANS	AIR THROW	DEFROST WATTS	DIMENSIONS (MM)			MOTOR AMPS	CONNECTIONS		WEIGHT KG
					H	W	D		IN	OUT	
F31HC 215-6	1700	1	19	1700	415	760	416	0.60	12mm	16mm	22
F31HC 216-6	1500	1	16	2550	415	760	416	0.60	12mm	18mm	24
F31HC 225-6	3400	2	22	2900	415	1210	416	1.20	12mm	18mm	38
F31HC 226-6	3000	2	19	4300	415	1210	416	1.20	12mm	22mm	42
F31HC 235-6	5100	3	25	4050	415	1660	416	1.80	12mm	22mm	54
F31HC 236-6	4500	3	22	6050	415	1660	416	1.80	16mm	35mm	60
F31HC 246-6	6000	4	23	7800	415	2110	416	2.40	16mm	35mm	78

7.0mm Fin Spacing

MODEL	AIR VOL. cu/m hr	NO OF FANS	AIR THROW	DEFROST WATTS	DIMENSIONS (MM)			MOTOR AMPS	CONNECTIONS		WEIGHT KG
					H	W	D		IN	OUT	
F31HC 315-7	1750	1	20	1700	415	760	416	0.60	12mm	16mm	21
F31HC 316-7	1600	1	17	2550	415	760	416	0.60	12mm	18mm	23
F31HC 325-7	3500	2	23	2900	415	1210	416	1.20	12mm	18mm	37
F31HC 326-7	3200	2	20	4300	415	1210	416	1.20	12mm	22mm	41
F31HC 335-7	5250	3	26	4050	415	1660	416	1.80	12mm	22mm	53
F31HC 336-7	4800	3	24	6050	415	1660	416	1.80	16mm	35mm	58
F31HC 346-7	6400	4	25	7800	415	2110	416	2.40	16mm	35mm	76

## LU-VE S2HC & S3HC Commercial Cubic Cooler Spares

CODE	DESCRIPTION	TO SUIT
R910	Fan Motor	S2HC
R914	Fan Blade	S2HC 234-092-001
R911	Fan Guard	S2HC
R912	Fan Mounting Brackets	S2HC
R913	Side Panel	S2HC
R920	Coil Heater	S2HC 25-19-16-36-28-23
R922	Coil Heater	S2HC 49-38-31-71-55-46
R924	Coil Heater	S2HC 107-85-70
R925	Coil Heater	S2HC 142-110-92
R926	Heater Clips	S2HC
R930	Fan Motor up to Feb 02 (V350 A)*	S3HC
R931	Fan Motor up to Feb 02 (V350 B)**	S3HC
R932	Fan Guard	S3HC
R933	Fan Mounting Brackets	S3HC
R934	Fan Motor Capacitor	S3HC
R935	Side Panel	S3HC
R940	Coil Heater	S3HC 73-59-47-106-84-69
R941	Drain Tray Heater	S3HC 73-59-47
R942	Coil Heater	S3HC 106-84-69-73-59-47
R943	Drain Tray Heater	S3HC 106-84-69
R944	Coil Heater	S3HC 133-108-86
R945	Drain Tray Heater	S3HC 133-108-86
R946	Coil Heater	S3HC 145-117-94-215-174-143
R947	Drain Tray Heater	S3HC 145-117-94-215-174-143
R948	Coil Heater	S3HC 215-174-143
R949	Drain Tray Heater	S3HC 215-174-143
R950	Coil Heater	S3HC 272-218-179-323-261-213
R951	Drain Tray Heater	S3HC 272-218-179-323-261-213
R952	Coil Heater	S3HC 323-261-213
R953	Drain Tray Heater	S3HC 323-261-213
R954	Coil Heater	S3HC 362-290-238
R955	Drain Tray Heater	S3HC 362-290-238
R956	Coil Heater	S3HC 430-348-284
R957	Drain Tray Heater	S3HC 430-348-284

\*Capacitor is mounted in electrics box. \*\*Capacitor is mounted on the motor

## LU-VE SHP/SHS/SHF Commercial Panel Cooler Spares

CODE	DESCRIPTION	TO SUIT
R973	Coil Heater	SHP
R974	Coil Heater	SHP 11/19
R975	Fan Motor	SHP
R976	Fan Motor	SHP 11/19 (Also Suit FHS50S/70S)
R978	Coil Heater	SHS 8 & 12
R979	Coil Heater	SHS 13 & 15
R980	Coil Heater	SHS 18 & 22
R981	Coil Heater	SHS 26 & 32
R982	Fan Guard	SHS
R959	Heater Clips	SHS 26 & 32
R984	Inspection Cover	SHS
R985	Coil Heater	SHF 50S/55D
R986	Coil Heater	SHF 60S/65D/70D



## LU-VE SHA/FHA Commercial Panel Cooler Spares

CODE	DESCRIPTION	TO SUIT
R959	Heater Clips	SHA/FHA
R960	Fan Motor	SHA/FHA
R972	Fan Blade	SHA/FHA 234-066-001
R961	Fan Guard	SHA/FHA
R962	Fan Guard	SHA/FHA 60-32/ 41-50/ 28-80
R965	Coil Heater	SHA/FHA 30-21-14
R966	Coil Heater	SHA/FHA 40-27-17
R967	Coil Heater	SHA/FHA 60-41-28
R968	Coil Heater	SHA/FHA 80-53-35
R969	Coil Heater	SHA /FHA120-79-52
R970	Coil Heater	SHA/FHA 160-106-70
R971	Inspection Cover	SHA/FHA

## LU-VE Out of Production Models

CODE	DESCRIPTION	TO SUIT
R987	Fan Motor	HC & NHC
R988	Fan Motor	HDN
R989	Fan Motor	HDS
R990	Fan Motor	SHVS 10/3V-15/3V-13/7
R991	Fan Motor	HA49-1:36-2:26-5
R992	Fan Motor	HS
R993	Fan Motor	HP

## LU-VE F27HC Cubic Cooler Spares

CODE	DESCRIPTION	TO SUIT
R910	Fan Motor	F27HC
R914	Fan Blade	F27HC
R915	Fan Guard	F27HC
R916	Drain Pan	F27HC16/19/23/25/28/36
R917	Drain Pan	F27HC31/38/46/49/55/71
R918	Drain Pan	F27HC70/85/107
R919	Drain Pan	F27HC92/110/142
R920	Defrost Heater	F27HC16/19/23/25/28/36
R922	Defrost Heater	F27HC31/38/46/49/55/71
R924	Defrost Heater	F27HC70/85/107
R925	Defrost Heater	F27HC92/110/142
R927	Drain Pan Heater	F27HC16/19/23/25/28/36
R945	Drain Pan Heater	F27HC31/38/46/49/55/71
R947	Drain Pan Heater	F27HC70/85/107
R928	Drain Pan Heater	F27HC92/110/142

## LU-VE F35HC Cubic Cooler Spares

CODE	DESCRIPTION	TO SUIT
R936	Fan Motor Assembly	F35HC
R937	Fan Guard	F35HC
R948	Drain Pan	F35HC47/59/69/73/84/106
R949	Drain Pan	F35HC94/117/143/145/174/215
R952	Drain Pan	F35HC179/213/218/261/272/323
R953	Drain Pan	F35HC238/284/290/348/362/430
R940	Defrost Heater	F35HC47/59/69/73/84/106
R946	Defrost Heater	F35HC94/117/143/145/174/215
R950	Defrost Heater	F35HC179/213/218/261/272/323
R954	Defrost Heater	F35HC238/284/290/348/362/430
R947	Drain Pan Heater	F35HC47/59/69/73/84/106
R941	Drain Pan Heater	F35HC94/117/143/145/174/215
R951	Drain Pan Heater	F35HC179/213/218/261/272/323
R955	Drain Pan Heater	F35HC238/284/290/348/362/430



# Tecumseh

## TRADITIONAL CONDENSING UNITS

### COOLING CAPACITY

According to EN13215

- ▶ -30°C evap.: from 0.2 to 12kW
- ▶ -10°C evap.: from 0.3 to 26kW

- ▶ A stretch of cooling capacity to suit all requirements with high efficiency

- ▶ Compactness for ease of integration within applications

- ▶ Recognised reliability

*Option: Liquid line with full pre-equipped units*



### EQUIPMENT

#### ELECTRICAL COMPONENTS

- ▶ AC fans (AJ platform: EC fans), compatible with variable speed
- ▶ IP 44 electrical box
- ▶ Casing heater (FH, AG)
- ▶ Compressor electrical protection

#### CIRCUIT

- ▶ Adjustable HP/LP pressure switch with automatic resetting on FH and AG
- ▶ Condenser designed up to +46°C ambient
- ▶ Liquid reservoir

#### INSTALLATION/MAINTENANCE

- ▶ Service check valves

#### ACCESSORY

- ▶ Fan speed control kit



EN13215 Evap. T -10°C, 32 ° amb., 10K superheating, 3K subcooling, Mid/Mid  
EN13215 Evap. T -30°C, 32 ° amb., 10K superheating, 3K subcooling



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