

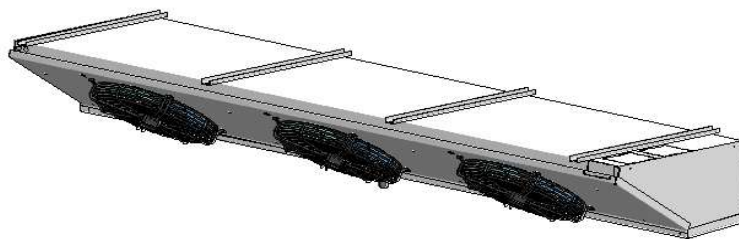
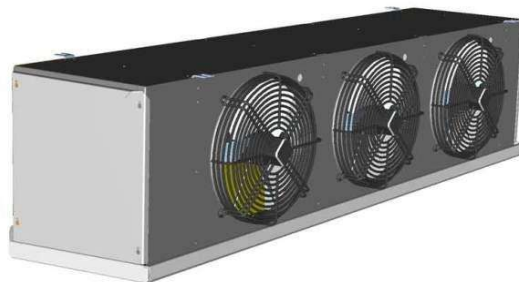


Heat Exchangers

TRB & TRMB

CO2 Evaporator

Catalogue



Version 2026.01: March 2026

Thermocoil

Thermocoil (Pty) Ltd is a Cape Town, South Africa based refrigeration and air-conditioning heat exchanger manufacturer. The technology behind Thermocoil is German, having close ties with Thermofin of Germany. This technology agreement has led to Thermocoil manufacturing the most efficient copper-aluminium heat exchangers using the most advanced manufacturing equipment.

Our standard ranges for R744 (CO₂) refrigeration include:

Evaporators : TRB & TRMB

This product range of Heat exchangers being suitable for use with higher pressure refrigerants and CO₂ (R744).

Thermocoil also manufactures CO₂ heat exchangers to OEM specifications, replacement heat exchangers and designs and produces heat exchangers for customized installations.



TRB CO2 EVAPORATORS

	<u>PAGE</u>
Evaporator Design and Capacity Info	4
Quick Find List (Sorted by Capacity)	5
Medium Temp Evaporators	5
Low Temp Evaporators	6

MEDIUM TEMP EVAPORATORS

TRB (Horizontal Blower)	7
TRB 031 Medium Temp	7
TRB 040 Medium Temp	8
TRB 050 Medium Temp	9
TRB 063 Medium Temp	10
TRB 080 Medium Temp	11
TRMB (Low Profile)	12
TRMB 025 & 031 Medium Temp	12

LOW TEMP EVAPORATORS

TRB (Horizontal Blower)	13
TRB 031 Low Temp	13
TRB 040 Low Temp	14
TRB 050 Low Temp	15
TRB 063 Low Temp	16
TRMB (Low Profile)	17
TRMB 025 & 031 Low Temp	17

Thermocoil reserves the right to modify or update any information within this catalogue without prior notice

Design

Housing

The standard housing is made of aluminum with food safe powder coating to RAL 9010 (Ferro White).

Heat Exchanger Coil

Featuring tube spacing of 40 x 34.6 mm in a staggered layout with 1.0 mm wall copper tube of Ø12 mm. Fins are made of pure aluminum with fin spacing of 4 mm and 7 mm. The heat exchangers are soldered under inert gas and are thus non-oxidizing. As a standard, the refrigerant connection is located on the right side in the air direction. All designs limit suction pressure drops to below the equivalent of 1K across the evaporator.

Drip Tray

Inside and outside drip tray are made of Aluminum. The outside tray is powder coated and can be removed for cleaning purposes.

Fans

Ø250/ 315/ 350/ 400/ 500 / 630

The data indicated in the brochure refer to silent axial fans with maintenance free external rotor motors of protection class IP54 according to DIN40050 insulation class F, (Motors & 315 protection class IP44).

The admissible operating range is -35°C to +55°C. Motor protection must be connected via thermal contacts integrated in the windings. Depending on the fan type, the motor data may vary. Please take into account the power consumption will change at low air temperature and other pressure drops. We reserve the right to use fans from different manufacturers. For the corresponding electrical data please refer to the nameplate.

Sound Pressure Levels

Sound pressure level at 1 m distance according to DIN 45635, part 14 without reflection. Since cold storage rooms have only a very low absorbing capacity, the sound pressure level will decrease slightly at other distances. The indicated value is only a reference value; the actual sound pressure level must be calculated on the basis of the acoustic capacity and taking prevailing conditions into account.

Defrosting

Electrical defrosting in coil and tray is wired ready for connection according to VDE 0720. For better heat transfer and replacement, the heating rods lie in copper contact tube.

Capacity Data

The nominal cooling capacities are valid for refrigerant R744 and are based on the Air Inlet Temperature Difference ΔT_1 (difference between cooler air inlet temperature t_{L1} and evaporation temperature t_0 , $\Delta T_1 = t_{L1} - t_0$). These Conditions are marked with ΔT_1 and comply with the ENV 328 Standards and the Eurovent certification regulations.

Correction factors according to Eurovent

$$Q_q = Q_N \times F_2$$

Q_N = Evaporator Nominal Capacity
 Q_q = Evaporator Capacity

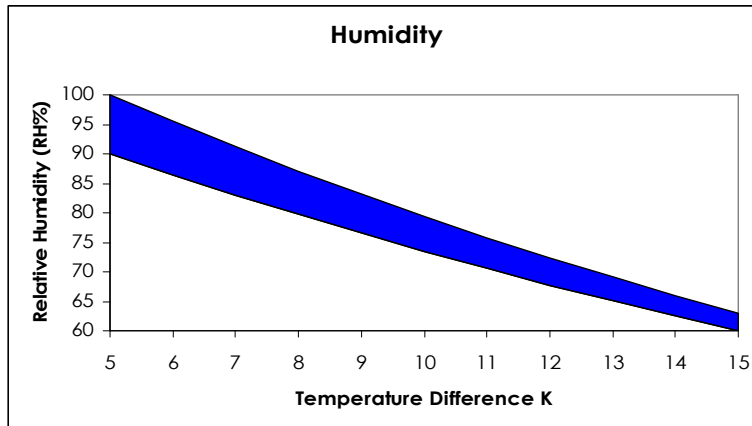
F_2 = Correction Factor for Fin Material

F_2 : Material	
1.00	Aluminium
0.97	Coated Aluminium
1.03	Copper

The technical data is acquired by theoretical means and is subject to the usual tolerance. Subject to change without prior notice.

Humidity

The graph below can be used as a guide to obtain relative humidity.



Efficient Operation at a Temperature Difference Below 7 is Only Attainable Using an Electronic Expansion Valve

QUICK FIND LIST

MEDIUM TEMP

SORTED BY CAPACITY

Type	Code	kW	Style	Page
TRMB	025.1-B-1-4	1.0	Low Profile	12
TRMB	025.1-C-1-4	1.1	Low Profile	12
TRMB	025.1-B-2-4	2.0	Low Profile	12
TRMB	025.1-C-2-4	2.3	Low Profile	12
TRMB	031.1-B-1-4	2.7	Low Profile	12
TRB	031.1-B-1-4	2.8	Horizontal Blower	7
TRMB	025.1-B-3-4	3.0	Low Profile	12
TRMB	031.1-C-1-4	3.1	Low Profile	11
TRB	031.1-C-1-4	3.3	Horizontal Blower	7
TRMB	025.1-C-3-4	3.5	Low Profile	12
TRMB	031.1-E-1-4	3.5	Low Profile	12
TRB	031.1-E-1-4	3.9	Horizontal Blower	7
TRB	040.1-B-1-4	5.3	Horizontal Blower	8
TRMB	031.1-B-2-4	5.5	Low Profile	12
TRB	031.1-B-2-4	5.7	Horizontal Blower	7
TRMB	031.1-C-2-4	6.2	Low Profile	12
TRB	040.1-C-1-4	6.3	Horizontal Blower	8
TRB	031.1-C-2-4	6.6	Horizontal Blower	7
TRMB	031.1-E-2-4	7.2	Low Profile	12
TRB	040.1-E-1-4	7.2	Horizontal Blower	8
TRB	031.1-E-2-4	7.8	Horizontal Blower	7
TRMB	031.1-B-3-4	7.9	Low Profile	11
TRB	031.1-B-3-4	8.2	Horizontal Blower	7
TRMB	031.1-C-3-4	9.4	Low Profile	12
TRB	031.1-C-3-4	10.0	Horizontal Blower	7
TRMB	031.1-E-3-4	10.6	Low Profile	12
TRB	040.1-B-2-4	10.7	Horizontal Blower	8
TRB	031.1-B-4-4	11.4	Horizontal Blower	7
TRB	031.1-E-3-4	11.7	Horizontal Blower	7
TRB	050.1-C-1-4	12.1	Horizontal Blower	9
TRB	040.1-C-2-4	12.6	Horizontal Blower	8
TRB	031.1-C-4-4	13.2	Horizontal Blower	7
TRB	050.1-E-1-4	14.2	Horizontal Blower	9
TRB	040.1-E-2-4	14.5	Horizontal Blower	8
TRB	031.1-E-4-4	15.5	Horizontal Blower	7
TRB	040.1-B-3-4	15.6	Horizontal Blower	8
TRB	050.1-F-1-4	16.3	Horizontal Blower	9
TRB	040.1-C-3-4	17.9	Horizontal Blower	8
TRB	040.1-B-4-4	19.9	Horizontal Blower	11
TRB	063.1-C-1-4	21.0	Horizontal Blower	10
TRB	080.1-C-1-4	21.0	Horizontal Blower	8
TRB	040.1-E-3-4	21.8	Horizontal Blower	8
TRB	050.1-C-2-4	24.3	Horizontal Blower	9
TRB	040.1-C-4-4	25.2	Horizontal Blower	8
TRB	063.1-E-1-4	25.3	Horizontal Blower	10
TRB	080.1-E-1-4	25.3	Horizontal Blower	11
TRB	063.1-F-1-4	27.0	Horizontal Blower	10
TRB	080.1-F-1-4	27.0	Horizontal Blower	11
TRB	050.1-E-2-4	30.0	Horizontal Blower	9
TRB	040.1-E-4-4	30.2	Horizontal Blower	8
TRB	050.1-F-2-4	32.7	Horizontal Blower	9
TRB	050.1-C-3-4	34.4	Horizontal Blower	9
TRB	063.1-C-2-4	40.3	Horizontal Blower	10
TRB	080.1-C-2-4	40.3	Horizontal Blower	11
TRB	050.1-E-3-4	44.7	Horizontal Blower	9
TRB	050.1-F-3-4	47.7	Horizontal Blower	9
TRB	050.1-C-4-4	48.7	Horizontal Blower	9
TRB	063.1-E-2-4	50.7	Horizontal Blower	10
TRB	080.1-E-2-4	50.7	Horizontal Blower	11
TRB	063.1-F-2-4	54.1	Horizontal Blower	10
TRB	080.1-F-2-4	54.1	Horizontal Blower	11
TRB	050.1-E-4-4	60.0	Horizontal Blower	9
TRB	063.1-C-3-4	62.5	Horizontal Blower	10
TRB	080.1-C-3-4	62.5	Horizontal Blower	11
TRB	050.1-F-4-4	65.3	Horizontal Blower	9
TRB	063.1-E-3-4	73.1	Horizontal Blower	10
TRB	080.1-E-3-4	73.1	Horizontal Blower	11
TRB	063.1-E-3-4	82.2	Horizontal Blower	10
TRB	080.1-F-3-4	82.2	Horizontal Blower	11

Nominal
Capacity
R 744
-8°C SST
ΔT1=8K

QUICK FIND LIST

LOW TEMP

SORTED BY CAPACITY

Nominal
Capacity
R 744
-25°C SST
ΔT1=7K

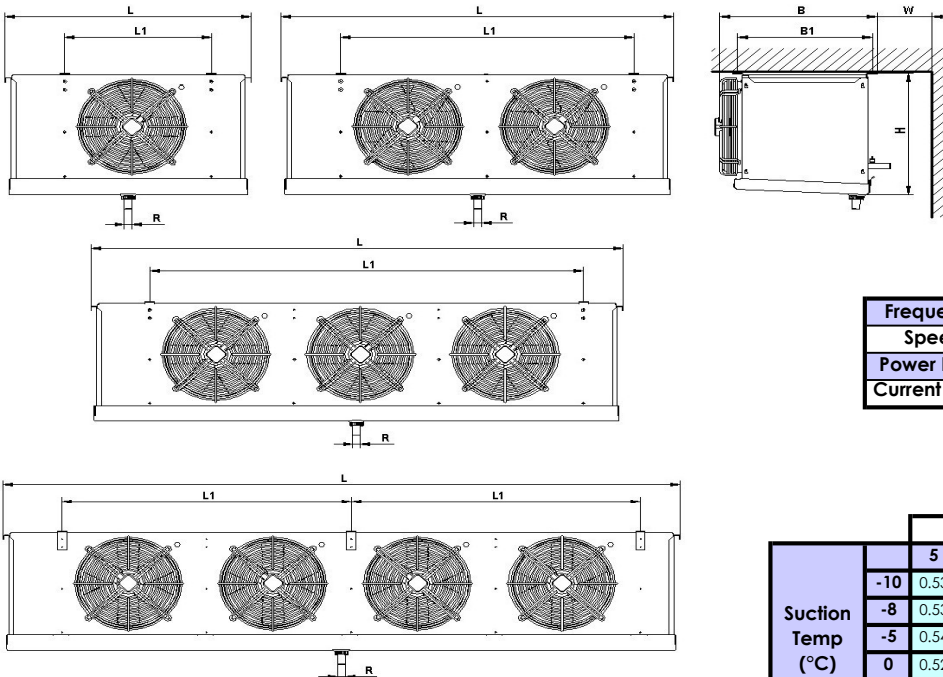
Type	Code	kW	Style	Page
TRMB	025.1-B-1-7	0.5	Low Profile	17
TRMB	025.1-C-1-7	0.7	Low Profile	17
TRMB	025.1-B-2-7	1.1	Low Profile	17
TRMB	025.1-C-2-7	1.4	Low Profile	17
TRB	031.1-B-1-7	1.5	Horizontal Blower	13
TRMB	031.1-B-1-7	1.5	Low Profile	17
TRMB	025.1-B-3-7	1.7	Low Profile	17
TRMB	031.1-C-1-7	1.8	Low Profile	17
TRB	031.1-C-1-7	1.9	Horizontal Blower	13
TRMB	025.1-C-3-7	2.1	Low Profile	17
TRMB	031.1-E-1-7	2.3	Low Profile	17
TRB	031.1-E-1-7	2.4	Horizontal Blower	13
TRB	040.1-B-1-7	2.8	Horizontal Blower	14
TRMB	031.1-B-2-7	3.0	Low Profile	17
TRB	031.1-B-2-7	3.1	Horizontal Blower	13
TRB	040.1-C-1-7	3.5	Horizontal Blower	14
TRMB	031.1-C-2-7	3.7	Low Profile	17
TRB	031.1-C-2-7	3.8	Horizontal Blower	13
TRB	031.1-B-3-7	4.5	Horizontal Blower	13
TRMB	031.1-B-3-7	4.5	Low Profile	17
TRB	040.1-E-1-7	4.6	Horizontal Blower	14
TRMB	031.1-E-2-7	4.7	Low Profile	17
TRB	031.1-E-2-7	4.8	Horizontal Blower	13
TRB	040.1-B-2-7	5.5	Horizontal Blower	14
TRMB	031.1-C-3-7	5.6	Low Profile	17
TRB	031.1-C-3-7	5.7	Horizontal Blower	13
TRB	031.1-B-4-7	6.2	Horizontal Blower	13
TRB	050.1-C-1-7	6.7	Horizontal Blower	16
TRMB	031.1-E-3-7	6.9	Low Profile	17
TRB	040.1-C-2-7	7.0	Horizontal Blower	14
TRB	040.1-B-3-7	7.0	Horizontal Blower	14
TRB	031.1-E-3-7	7.1	Horizontal Blower	13
TRB	031.1-C-4-7	7.5	Horizontal Blower	13
TRB	050.1-E-1-7	8.5	Horizontal Blower	14
TRB	040.1-E-2-7	8.9	Horizontal Blower	14
TRB	040.1-C-3-7	10.2	Horizontal Blower	14
TRB	050.1-F-1-7	10.2	Horizontal Blower	15
TRB	040.1-B-4-7	10.9	Horizontal Blower	14
TRB	031.1-E-4-7	11.3	Horizontal Blower	13
TRB	063.1-C-1-7	11.7	Horizontal Blower	16
TRB	040.1-E-3-7	13.4	Horizontal Blower	14
TRB	050.1-C-2-7	13.5	Horizontal Blower	15
TRB	040.1-C-4-7	14.1	Horizontal Blower	14
TRB	063.1-C-1-7	15.2	Horizontal Blower	16
TRB	063.1-F-1-7	17.3	Horizontal Blower	16
TRB	050.1-E-2-7	17.7	Horizontal Blower	15
TRB	040.1-E-4-7	18.4	Horizontal Blower	14
TRB	050.1-C-3-7	19.5	Horizontal Blower	15
TRB	050.1-F-2-7	20.6	Horizontal Blower	15
TRB	063.1-C-2-7	22.9	Horizontal Blower	16
TRB	050.1-E-3-7	26.4	Horizontal Blower	15
TRB	050.1-C-4-7	27.0	Horizontal Blower	15
TRB	050.1-F-3-7	30.4	Horizontal Blower	15
TRB	063.1-E-2-7	30.5	Horizontal Blower	16
TRB	063.1-C-3-7	32.1	Horizontal Blower	16
TRB	063.1-F-2-7	34.8	Horizontal Blower	16
TRB	050.1-E-4-7	35.4	Horizontal Blower	15
TRB	063.1-E-3-7	40.4	Horizontal Blower	16
TRB	050.1-F-4-7	41.3	Horizontal Blower	15
TRB	063.1-F-3-7	47.2	Horizontal Blower	16

MEDIUM TEMP

TRB 031

4mm Fin Spacing

	Nominal Capacity	Surface Area	Airflow	Dia 315 Fan Qty	Sound Pressure Level	Air Throw	Defrost * Heating (220V)				Dimensions						Mounting Points	Connections Refrig			Tube Volume	Net Weight
	R 744 -8°C SST ΔT1=8K						Total Heat	In Coil	In Diptray	Total Amps **	L	B	H	L1	B1	W		Inlet	Outlet	Drain		
	kW	m²	m³/hr	Qty	dB-1m	m	kW	kW	kW	A	mm	mm	mm	mm	mm	mm	Qty	In."	In."	MPT"	L	Kg
031.1-B-1-4	2.8	9	1660	1	53	11	1.1	0.6	0.5	5.1	770	500	450	460	390	300	4	1/2	5/8	3/4	1.7	6
031.1-C-1-4	3.3	12	1580	1	53	10	1.7	1.2	0.5	7.9	770	500	450	460	390	300	4	1/2	5/8	3/4	2.2	8
031.1-E-1-4	3.9	18	1430	1	53	9	1.7	1.2	0.5	7.9	770	500	450	460	390	300	4	5/8	5/8	3/4	3.3	11
031.1-B-2-4	5.7	18	3330	2	55	13	2.3	1.6	0.7	10.2	1230	500	450	920	390	300	4	1/2	5/8	3/4	3.1	11
031.1-C-2-4	6.6	25	3170	2	55	12	2.4	1.7	0.7	10.8	1230	500	450	920	390	300	4	1/2	5/8	3/4	4.1	15
031.1-E-2-4	7.8	37	2860	2	55	11	2.4	1.7	0.7	10.8	1230	500	450	920	390	300	4	5/8	5/8	3/4	6.2	22
031.1-B-3-4	8.2	28	4990	3	56	14	2.4	1.4	1.0	10.9	1690	500	450	1380	390	300	4	1/2	5/8	3/4	4.6	17
031.1-C-3-4	10.1	37	4750	3	56	13	3.8	2.8	1.0	17.3	1690	500	450	1380	390	300	4	1/2	5/8	3/4	6.1	23
031.1-E-3-4	11.7	55	4280	3	56	12	3.8	2.8	1.0	17.3	1690	500	450	1380	390	300	4	5/8	5/8	3/4	9.1	34
031.1-B-4-4	11.4	37	6650	4	57	14	3.2	2.0	1.2	14.3	2150	500	450	920	390	300	6	1/2	5/8	3/4	5.6	23
031.1-C-4-4	13.2	50	6330	4	57	14	5.2	4.0	1.2	23.4	2150	500	450	920	390	300	6	1/2	5/8	3/4	8	30
031.1-E-4-4	15.5	74	5710	4	57	13	5.2	4.0	1.2	23.4	2150	500	450	920	390	300	6	5/8	5/8	3/4	12	45



FAN Rating D315 Fan 220V			
Frequency	Hz	50	60
Speed	RPM	1340	1490
Power Draw	Watts	86	117
Current Draw	Amps	0.38	0.51

		Temperature Difference (K)							
		5	6	7	8	9	10	12	15
Suction Temp (°C)	-10	0.53	0.68	0.83	0.98	1.13	1.29	1.60	2.08
	-8	0.53	0.69	0.84	1.00	1.15	1.31	1.63	2.14
	-5	0.54	0.70	0.85	1.01	1.18	1.34	1.68	2.22
	0	0.52	0.69	0.87	1.04	1.23	1.41	1.80	2.41
	5								
	10								

~All applications EEV

~Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

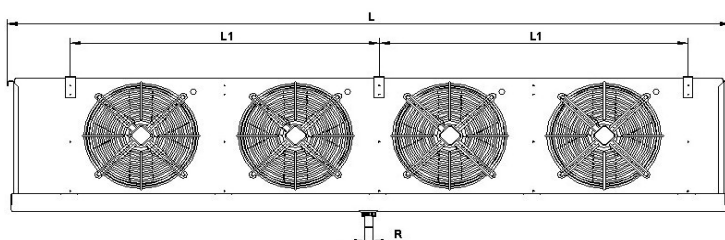
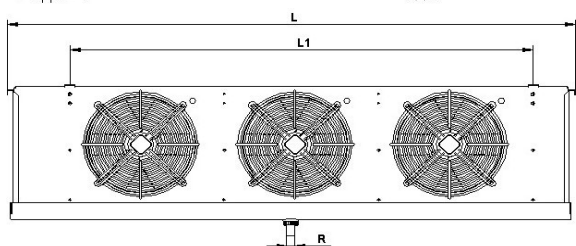
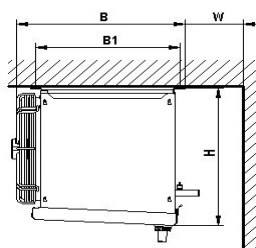
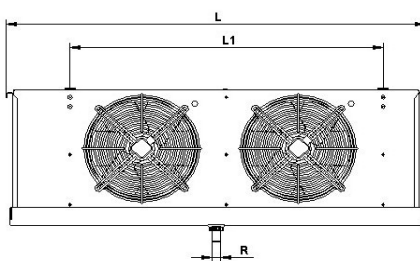
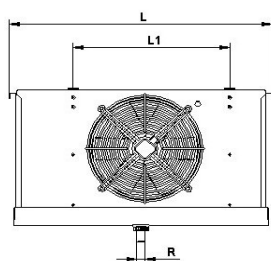
** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats

MEDIUM TEMP

TRB 040

4mm Fin Spacing

	Nominal Capacity	Surface Area	Airflow	Dia 400 Fan Qty	Sound Pressure Level	Air Throw	Defrost * Heating (220V)				Dimensions						Mounting Points	Connections Refrig			Tube Volume	Net Weight
	R 744 -8°C SST ΔT1=8K						Total Heat	In Coil	In Diptray	Total Amps **	L	B	H	L1	B1	W		Inlet	Outlet	Drain		
	kW	m²	m³/hr	Qty	dB-1m	m	kW	kW	kW	A	mm	mm	mm	mm	mm	mm	Qty	In."	In."	MPT"	L	Kg
040.1-B-1-4	5.4	16	3290	1	62	14	2.1	1.5	0.6	9.4	1030	530	580	680	405	400	4	1/2	1/2	11/4	2.9	20
040.1-C-1-4	6.3	22	3180	1	62	13	2.1	1.5	0.6	9.4	1030	530	580	680	405	400	4	1/2	1/2	11/4	3.9	30
040.1-E-1-4	7.2	33	2900	1	62	12	2.8	2.2	0.6	12.7	1030	530	580	680	405	400	4	1/2	1/2	11/4	5.8	38
040.1-B-2-4	10.7	33	6580	2	64	16	3.8	2.8	1.0	17.3	1710	530	580	1360	405	400	4	1/2	5/8	11/4	6	47
040.1-C-2-4	12.6	44	6380	2	64	15	3.8	2.8	1.0	17.3	1710	530	580	1360	405	400	4	1/2	5/8	11/4	8	54
040.1-E-2-4	14.5	65	5850	2	64	14	5.2	4.2	1.0	23.6	1710	530	580	1360	405	400	4	5/8	5/8	11/4	11	69
040.1-B-3-4	15.6	49	9870	3	63	17	4.9	3.6	1.3	22.0	2390	530	580	2040	405	400	4	1/2	5/8	11/4	9	68
040.1-C-3-4	18.0	65	9540	3	63	16	4.9	3.6	1.3	22.0	2390	530	580	2040	405	400	4	1/2	5/8	11/4	11	79
040.1-E-3-4	21.8	98	8730	3	63	15	6.7	5.4	1.3	30.2	2390	530	580	2040	405	400	4	5/8	5/8	11/4	17	101
040.1-B-4-4	19.9	66	13160	4	64	18	6.7	5.0	1.7	30.2	3070	530	580	1360	405	400	6	1/2	5/8	11/4	11	88
040.1-C-4-4	25.3	88	12720	4	64	17	6.7	5.0	1.7	30.2	3070	530	580	1360	405	400	6	5/8	5/8	11/4	15	102
040.1-E-4-4	30.2	133	11750	4	64	16	9.2	7.5	1.7	41.6	3070	530	580	1360	405	400	6	5/8	5/8	11/4	22	132



FAN Rating D400 Fan 220V

Frequency	Hz	50	60
Speed	RPM	1430	1700
Power Draw	Watts	160	240
Current Draw	Amps	0.73	1.06

Temperature Difference (K)

Suction Temp (°C)	Temperature Difference (K)							
	5	6	7	8	9	10	12	15
-10	0.54	0.68	0.83	0.98	1.13	1.28	1.58	2.05
-8	0.54	0.69	0.85	1.00	1.15	1.30	1.61	2.09
-5	0.55	0.70	0.86	1.02	1.17	1.34	1.67	2.19
0	0.53	0.70	0.87	1.05	1.23	1.41	1.79	2.38
5								
10								

~All applications EEV

~Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

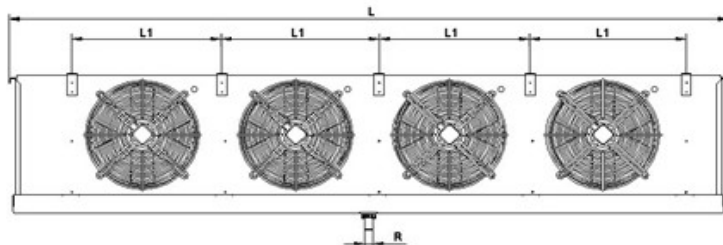
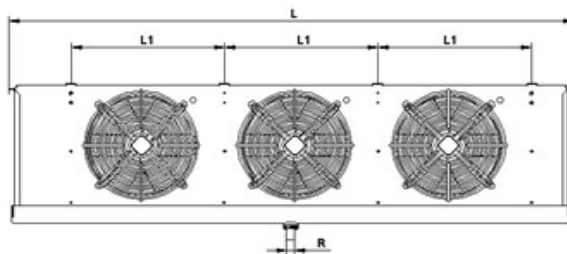
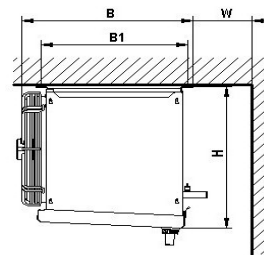
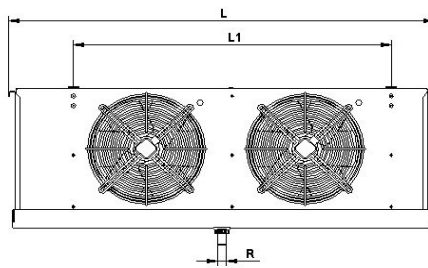
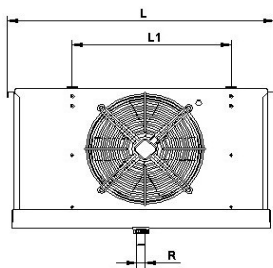
** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats

MEDIUM TEMP

TRB 050

4mm Fin Spacing

	Nominal Capacity	Surface Area	Airflow	Dia 500 Fan Qty	Sound Pressure Level	Air Throw	Defrost * Heating (380V)				Dimensions						Mounting Points	Connections Refrig			Tube Volume	Net Weight
	R 744 -8°C SST ΔT1=8K						Total Heat	In Coil	In Drip tray	Max Amp / Ø **	L	B	H	L1	B1	W		Inlet	Outlet	Drain		
	kW	m²	m³/hr	Qty	dB-1m	m	kW	kW	kW	A	mm	mm	mm	mm	mm	mm	Qty	In."	In."	MPT"	L	Kg
050.1-C-1-4	12.2	43	5970	1	63	20	4.9	3.6	1.3	7.7	1423	680	685	1000	538	500	4	1/2	5/8	11/4	7.3	63
050.1-E-1-4	15.0	64	5730	1	63	19	5.8	4.5	1.3	9.2	1423	680	685	1000	538	500	4	1/2	5/8	11/4	11	77
050.1-F-1-4	14.7	86	5410	1	63	18	5.8	4.5	1.3	9.2	1423	680	685	1000	538	500	4	1/2	5/8	11/4	14.6	93
050.1-C-2-4	24.3	86	11940	2	65	22	9.2	7.0	2.2	14.5	2423	680	685	2000	538	500	4	5/8	3/4	11/4	15	114
050.1-E-2-4	30.0	128	11470	2	65	22	10.9	8.8	2.2	17.0	2423	680	685	2000	538	500	4	5/8	3/4	11/4	22	145
050.1-F-2-4	29.8	171	10830	2	65	21	10.9	8.8	2.2	17.0	2423	680	685	2000	538	500	4	1/2	7/8	11/4	29	175
050.1-C-3-4	34.9	128	17910	3	67	24	13.5	10.4	3.1	21.4	3423	680	685	1000	538	500	8	5/8	7/8	11/4	21	165
050.1-E-3-4	43.0	193	17200	3	67	23	16.1	13.4	3.1	24.9	3423	680	685	1000	538	500	8	5/8	11/8	11/4	32	213
050.1-F-3-4	47.7	257	16250	3	67	22	18.7	15.6	3.1	30.8	3423	680	685	1000	538	500	8	5/8	11/8	11/4	42	238
050.1-C-4-4	45.3	172	23880	4	67	24	17.8	13.8	4.0	28.3	4423	680	685	1000	538	500	10	5/8	11/8	11/4	28	215
050.1-E-4-4	55.3	257	21600	4	67	24	21.3	17.3	4.0	32.8	4423	680	685	1000	538	500	10	7/8	11/8	11/4	42	273
050.1-F-4-4	59.8	343	21660	4	67	23	24.7	20.7	4.0	40.6	4423	680	685	1000	538	500	10	7/8	13/8	11/4	56	330



FAN Rating D500 Fan 380V		
Frequency	Hz	50
Speed	RPM	1360
Power Draw	Watts	820
Current Draw	Amps	1.5

		Temperature Difference (K)							
		5	6	7	8	9	10	12	15
Suction Temp (°C)	-10	0.55	0.69	0.83	0.98	1.12	1.27	1.56	2.01
	-8	0.55	0.70	0.85	1.00	1.15	1.29	1.60	2.07
	-5	0.56	0.71	0.87	1.02	1.17	1.33	1.66	2.16
	0	0.55	0.71	0.88	1.06	1.23	1.41	1.79	2.37
	5								
	10								

~All applications EEV

~Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

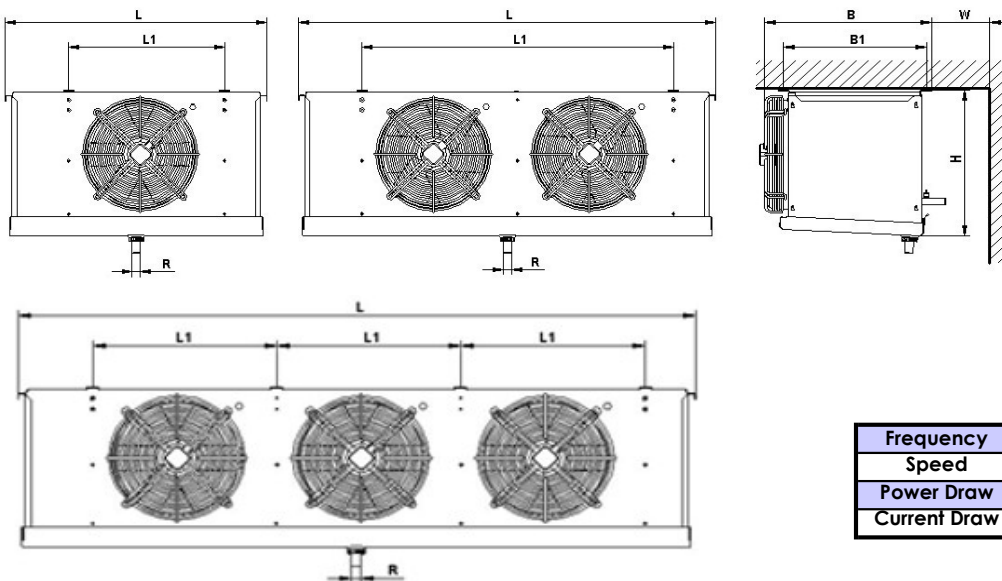
** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats

MEDIUM TEMP

TRB 063

4mm Fin Spacing

	Nominal Capacity R 744 -8°C SST ΔT1=8K	Surface Area	Airflow	Dia 630 Fan Qty	Sound Pressure Level	Air Throw	Defrost * Heating (380V)				Dimensions						Mounting Points	Connections Refrig			Tube Volume	Net Weight
							Total Heat	In Coil	In Diptray	Max Amp / Ø **	L	B	H	L1	B1	W		Inlet	Outlet	Drain		
	kW	m²	m³/hr	Qty	dB-1m	m	kW	kW	kW	A	mm	mm	mm	mm	mm	mm	Qty	In."	In."	MPT"	L	Kg
063.1-C-1-4	21.0	64	11095	1	63	45	6.2	4.0	1.3	8.4	1840	749	845	1200	538	650	4	5/8	5/8	11/4	10.9	86
063.1-E-1-4	25.3	96	10202	1	63	44	6.3	5.0	1.3	9.8	1840	749	845	1200	538	650	4	5/8	5/8	11/4	16.3	107
063.1-F-1-4	27.0	128	9392	1	63	43	7.3	6.0	1.3	12.1	1840	749	845	1200	538	650	4	5/8	5/8	11/4	21.7	129
063.1-C-2-4	40.4	128	22190	2	65	42	9.8	7.6	2.2	15.5	3040	749	845	2400	538	650	6	5/8	3/4	11/4	22	163
063.1-E-2-4	50.7	193	20404	2	65	43	11.7	9.5	2.2	18.1	3040	749	845	2400	538	650	6	7/8	7/8	11/4	32	206
063.1-F-2-4	54.1	257	18784	2	65	41	11.7	9.5	2.2	18.1	3040	749	845	2400	538	650	6	7/8	7/8	11/4	43	249
063.1-C-3-4	62.5	193	33285	3	67	42	15.5	12.4	3.1	24.8	4240	749	845	1200	538	650	8	7/8	7/8	11/4	32	236
063.1-E-3-4	73.1	289	30606	3	67	41	18.6	15.5	3.1	28.3	4240	749	845	1200	538	650	8	7/8	11/8	11/4	48	301
063.1-F-3-4	82.2	385	28176	3	67	40	21.7	18.6	3.1	35.4	4240	749	845	1200	538	650	8	7/8	11/8	11/4	63	366



FAN Rating D630 Fan 380V		
Frequency	Hz	50
Speed	RPM	1360
Power Draw	Watts	1250
Current Draw	Amps	2.16

		Temperature Difference (K)							
		5	6	7	8	9	10	12	15
Suction Temp (°C)	-10	0.53	0.68	0.83	0.98	1.13	1.28	1.58	2.05
	-8	0.54	0.69	0.84	1.00	1.15	1.30	1.62	2.11
	-5	0.55	0.70	0.86	1.01	1.17	1.34	1.67	2.20
	0	0.53	0.70	0.87	1.05	1.23	1.41	1.79	2.40
	5								
	10								

~All applications EEV

~Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

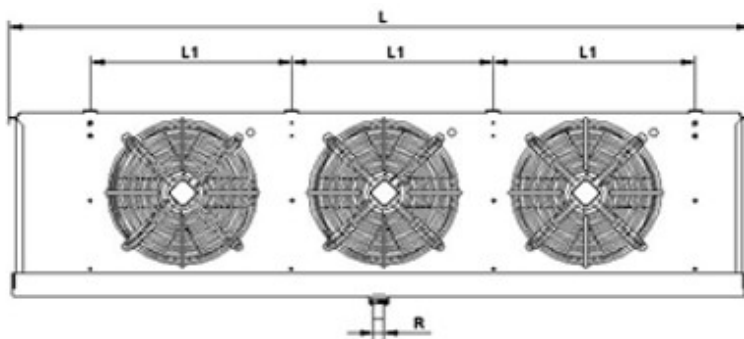
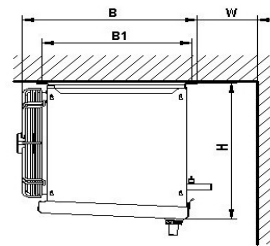
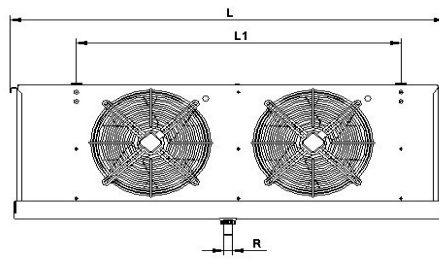
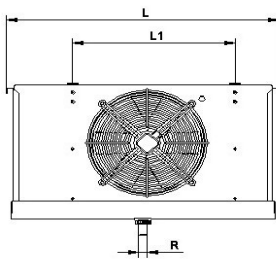
** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats

MEDIUM TEMP

TRB 080

4mm Fin Spacing

	Nominal Capacity	Surface Area	Airflow	Dia 630 Fan Qty	Sound Pressure Level	Air Throw	Defrost * Heating (380V)				Dimensions						Mounting Points	Connections Refrig			Tube Volume	Net Weight
	R 744 -8°C SST ΔT1=8K						Total Heat	In Coil	In Dirtray	Max Amp / Ø **	L	B	H	L1	B1	W		Inlet	Outlet	Drain		
	kW	m²	m³/hr	Qty	dB-1m	m	kW	kW	kW	A	mm	mm	mm	mm	mm	mm	Qty	In."	In."	MPT"	L	Kg
080.1-C-1-4	21.0	64	11095	1	63	45	6.2	4.0	1.3	8.4	1840	749	845	1200	538	650	4	5/8	5/8	11/4	11	86
080.1-E-1-4	25.3	96	10202	1	63	44	6.3	5.0	1.3	9.8	1840	749	845	1200	538	650	4	5/8	5/8	11/4	16	107
080.1-F-1-4	27.0	128	9392	1	63	43	7.3	6.0	1.3	12.1	1840	749	845	1200	538	650	4	5/8	5/8	11/4	22	129
080.1-C-2-4	40.3	128	22190	2	65	42	9.8	7.6	2.2	15.5	3040	749	845	2400	538	650	6	5/8	3/4	11/4	22	163
080.1-E-2-4	50.7	193	20404	2	65	43	11.7	9.5	2.2	18.1	3040	749	845	2400	538	650	6	7/8	7/8	11/4	32	206
080.1-F-2-4	54.1	257	18784	2	65	41	11.7	9.5	2.2	18.1	3040	749	845	2400	538	650	6	7/8	7/8	11/4	43	249
080.1-C-3-4	62.5	193	33285	3	67	42	15.5	12.4	3.1	24.8	4240	749	845	1200	538	650	8	7/8	7/8	11/4	32	236
080.1-E-3-4	73.1	289	30606	3	67	41	18.6	15.5	3.1	28.3	4240	749	845	1200	538	650	8	7/8	11/8	11/4	48	301
080.1-F-3-4	82.2	385	28176	3	67	40	21.7	18.6	3.1	35.4	4240	749	845	1200	538	650	8	7/8	11/8	11/4	63	366



FAN Rating D630 Fan 380V

Frequency	Hz	50
Speed	RPM	1360
Power Draw	Watts	1250
Current Draw	Amps	2.16

Suction Temp (°C)	Temperature Difference (K)					
	5	6	7	8	9	10
-10	0.53	0.68	0.83	0.98	1.13	1.28
-8	0.54	0.69	0.84	1.00	1.15	1.30
-5	0.55	0.70	0.86	1.01	1.17	1.34
0	0.53	0.70	0.87	1.05	1.23	1.41
5						
10						

~All applications EEV

~Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

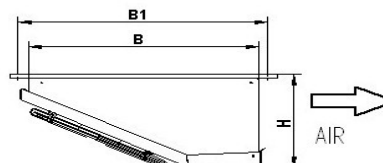
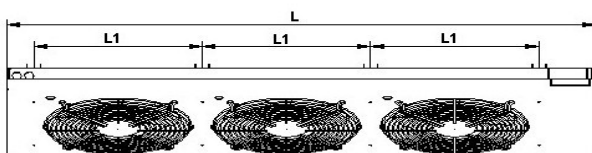
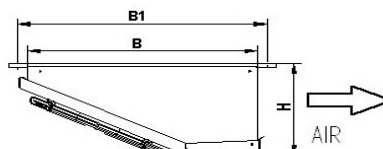
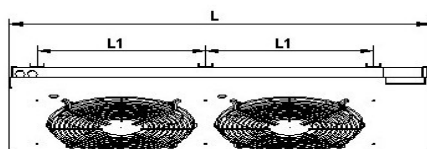
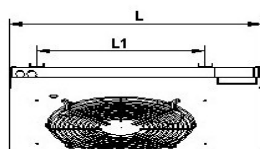
** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats

MEDIUM TEMP

TRMB 025/031

4mm Fin Spacing

	Nominal Capacity R 744 -8°C SST ΔT1=8K	Surface Area	Airflow	Dia 250 / 315 Fan Qty	Sound Pressure Level	Air Throw	Defrost * Heating (220V)				Dimensions					Mounting Points	Exp. Val	Connections			Tube Volume	Net Weight
							Total Heat	In Coil	In Diptray	Total Amps **	L	B	H	L1	B1			Inlet	Outlet	Drain		
kW	m²	m³/hr	Qty	dB-1m	m	kW	kW	kW	A	mm	mm	mm	mm	mm	Qty	Ext	In."	In."	MPT"	L	Kg	
025.1-B-1-4	1.0	3.5	581	1	49	6	0.3	0.0	0.3	1.4	524	509	242	350	532	4	Int	1/2	1/2	3/4	0.6	2
025.1-C-1-4	1.1	4.7	529	1	49	6	0.3	0.0	0.3	1.4	524	509	242	350	532	4	Int	1/2	1/2	3/4	0.9	3
025.1-B-2-4	2.0	7.0	1162	2	52	8	0.6	0.0	0.6	2.7	874	509	242	350	532	6	Int	1/2	1/2	3/4	1.1	5
025.1-C-2-4	2.3	9.4	1059	2	52	8	0.6	0.0	0.6	2.7	874	509	242	350	532	6	Int	1/2	1/2	3/4	1.6	6
025.1-B-3-4	3.0	10.5	1743	1	55	10	0.8	0.0	0.8	3.8	1224	509	242	350	532	8	Int	1/2	1/2	3/4	1.6	7
025.1-C-3-4	3.5	14	1588	1	55	10	0.8	0.0	0.8	3.8	1224	509	242	350	532	8	Int	1/2	1/2	3/4	2.3	9
031.1-B-1-4	2.7	8.2	1710	1	50	9	0.7	0.0	0.7	3.3	884	554	285	680	597	4	Int	1/2	1/2	3/4	1.4	5
031.1-C-1-4	3.1	10.9	1564	1	50	8	1.5	0.7	0.7	6.6	884	554	285	680	597	4	Int	1/2	1/2	3/4	1.9	7
031.1-E-1-4	3.5	16.4	1358	1	50	7	1.5	0.7	0.7	6.6	884	554	285	680	597	4	Ext	1/2	5/8	3/4	2.8	10
031.1-B-2-4	5.5	16.4	3426	2	53	11	1.4	0.0	1.4	6.4	1564	554	285	680	597	6	Int	1/2	1/2	3/4	2.7	10
031.1-C-2-4	6.2	21.8	3128	2	53	10	2.8	1.4	1.4	12.7	1564	554	285	680	597	6	Ext	1/2	1/2	3/4	3.6	14
031.1-E-2-4	7.2	32.7	2716	2	53	9	2.8	1.4	1.4	12.7	1564	554	285	680	597	6	Ext	1/2	5/8	3/4	5.4	20
031.1-B-3-4	7.9	24.5	5139	3	54	12	1.8	0.0	1.8	8.2	2244	554	285	680	597	8	Ext	1/2	1/2	3/4	4	16
031.1-C-3-4	9.4	32.7	4692	3	54	11	3.6	1.8	1.8	16.4	2244	554	285	680	597	8	Ext	1/2	5/8	3/4	5.3	20
031.1-E-3-4	10.6	49.1	4074	3	54	10	3.6	1.8	1.8	16.4	2244	554	285	680	597	8	Ext	1/2	1/2	3/4	8	30



FAN Rating 220V		D250		D315	
Frequency	Hz	50	60	50	60
Speed	RPM	1390	1600	1340	1490
Power Draw	Watts	63	69	86	117
Current Draw	Amps	0.45	0.53	0.38	0.51

		Temperature Difference (K)							
Suction Temp (°C)		5	6	7	8	9	10	9	10
	-10	0.53	0.66	0.82	0.97	1.13	1.30	1.35	1.69
	-8	0.53	0.67	0.83	1.00	1.15	1.31	1.40	1.79
	-5	0.53	0.68	0.84	1.01	1.17	1.35	1.13	1.30
	0	0.52	0.67	0.86	1.04	1.22	1.40	1.15	1.31
	5								
	10								

~All applications EEV

~Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

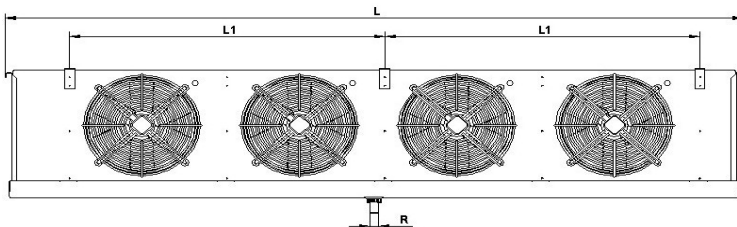
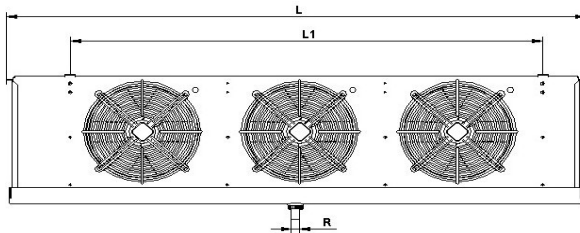
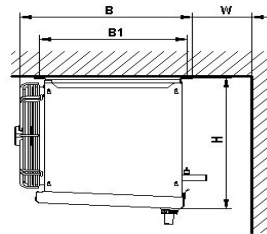
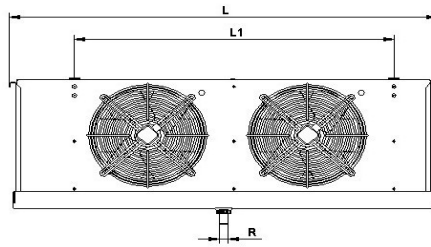
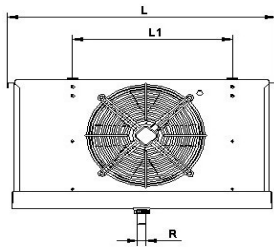
** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats

LOW TEMP

TRB 031

7mm Fin Spacing

	Nominal Capacity	Surface Area	Airflow	Dia 315 Fan Qty	Sound Pressure Level	Air Throw	Defrost Heating (220V)				Dimensions						Mounting Points	Connections Refrig			Tube Volume	Net Weight
	R 744 -25°C SST ΔT1=7K						Total Heat	In Coil	In Drip Tray	Total Amps **	L	B	H	L1	B1	W		Inlet	Outlet	Drain		
	kW	m ²	m ³ /hr	Qty	dB-1m	m	kW	kW	kW	A	mm	mm	mm	mm	mm	mm	Qty	In."	In."	MPT"	L	Kg
031.1-B-1-7	1.5	6	1750	1	53	11	1.1	0.6	0.5	5.1	770	500	450	460	390	300	4	1/2	5/8	3/4	1.8	18
031.1-C-1-7	1.9	7	1690	1	53	11	1.7	1.2	0.5	7.9	770	500	450	460	390	300	4	1/2	5/8	3/4	2.3	21
031.1-E-1-7	2.4	11	1570	1	53	10	1.7	1.2	0.5	7.9	770	500	450	460	390	300	4	5/8	5/8	3/4	3.4	23
031.1-B-2-7	3.1	11	3510	2	55	13	2.3	1.6	0.7	10.2	1230	500	450	920	390	300	4	1/2	5/8	3/4	4	32
031.1-C-2-7	3.8	15	3390	2	55	12	2.4	1.7	0.7	10.8	1230	500	450	920	390	300	4	5/8	5/8	3/4	5	35
031.1-E-2-7	4.8	22	3150	2	55	12	2.4	1.7	0.7	10.8	1230	500	450	920	390	300	4	5/8	5/8	3/4	7	40
031.1-B-3-7	4.5	17	5260	3	56	14	2.4	1.4	1.0	10.9	1690	500	450	1380	390	300	4	1/2	5/8	3/4	5	37
031.1-C-3-7	5.7	22	5080	3	56	13	3.8	2.8	1.0	17.3	1690	500	450	1380	390	300	4	5/8	5/8	3/4	7	48
031.1-E-3-7	7.1	33	4720	3	56	12	3.8	2.8	1.0	17.3	1690	500	450	1380	390	300	4	1/2	5/8	3/4	10	56
031.1-B-4-7	6.2	22	7010	4	57	15	3.2	2.0	1.2	14.3	2150	500	450	920	390	300	6	1/2	5/8	3/4	7	54
031.1-C-4-7	7.5	30	6770	4	57	14	5.2	4.0	1.2	23.4	2150	500	450	920	390	300	6	5/8	5/8	3/4	9	62
031.1-E-4-7	11.2	44	6290	4	57	13	5.2	4.0	1.2	23.4	2150	500	450	920	390	300	6	5/8	5/8	3/4	13	74



FAN Rating D315 Fan 220V

Frequency	Hz	50
Speed	RPM	1340
Power Draw	Watts	86
Current Draw	Amps	0.38

Temperature Difference (K)

Suction Temp (°C)	Temperature Difference (K)							
	5	6	7	8	9	10	11	12
-35	0.65	0.81	0.96	1.11	1.26	1.42	1.57	1.72
-30	0.66	0.82	0.98	1.14	1.30	1.45	1.61	1.77
-25	0.67	0.83	1.00	1.16	1.33	1.50	1.67	1.83
-20	0.68	0.85	1.03	1.20	1.38	1.56	1.73	1.92
-15								
-10								
-5								

~All applications EEV

~Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

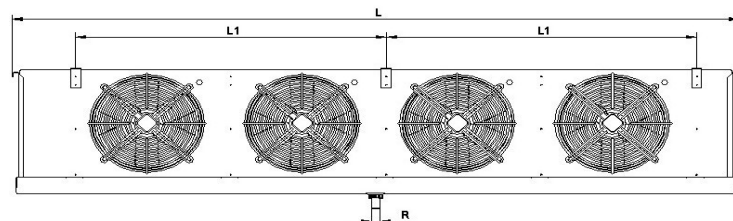
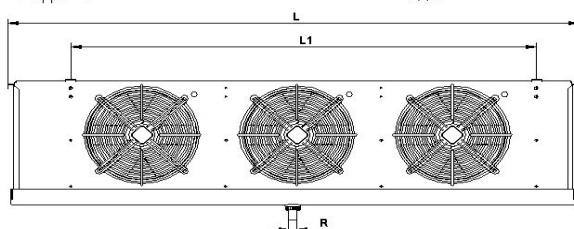
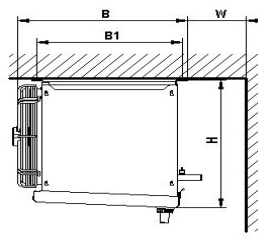
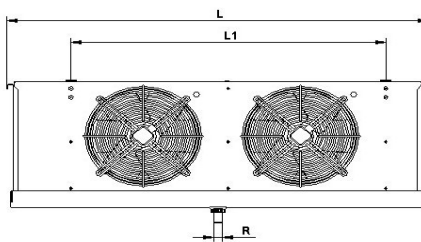
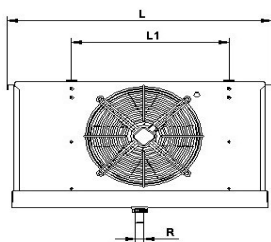
** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats

LOW TEMP

TRB 040

7mm Fin Spacing

	Nominal Capacity	Surface Area	Airflow	Dia 400 Fan Qty	Sound Pressure Level	Air Throw	Defrost Heating (220V)				Dimensions						Mounting Points	Connections Refrig			Tube Volume	Net Weight
	R 744 -25°C SST ΔT1=7K						Total Heat	In Coil	In Dirtray	Total Amps **	L	B	H	L1	B1	W		Inlet	Outlet	Drain		
	kW	m ²	m ³ /hr	Qty	dB-1m	m	kW	kW	kW	A	mm	mm	mm	mm	mm	mm	Qty	In."	In."	MPT"	L	Kg
040.1-B-1-7	2.9	10	3410	1	60	16	2.1	1.5	0.6	9.4	1030	530	580	680	405	400	4	1/2	1/2	11/4	2.9	24
040.1-C-1-7	3.5	13	3325	1	60	15	2.1	1.5	0.6	9.4	1030	530	580	680	405	400	4	1/2	1/2	11/4	3.9	21
040.1-E-1-7	4.6	19.5	3160	1	60	14	2.8	2.2	0.6	12.7	1030	530	580	680	405	400	4	1/2	5/8	11/4	5.8	23
040.1-B-2-7	5.4	20	6820	2	62	18	3.8	2.8	1.0	17.3	1710	530	580	1360	405	400	4	1/2	5/8	11/4	6	42
040.1-C-2-7	7.1	26	6650	2	62	17	3.8	2.8	1.0	17.3	1710	530	580	1360	405	400	4	1/2	5/8	11/4	8	48
040.1-E-2-7	8.9	39	6320	2	62	16	5.2	4.2	1.0	23.6	1710	530	580	1360	405	400	4	5/8	5/8	11/4	11	59
040.1-B-3-7	7.0	29	10220	3	63	17	4.9	3.6	1.3	22.0	2390	530	580	2040	405	400	4	1/2	5/8	11/4	9	61
040.1-C-3-7	10.1	39	9970	3	63	16	4.9	3.6	1.3	22.0	2390	530	580	2040	405	400	4	1/2	5/8	11/4	11	69
040.1-E-3-7	13.3	59	9480	3	63	15	6.7	5.4	1.3	30.2	2390	530	580	2040	405	400	4	1/2	5/8	11/4	17	87
040.1-B-4-7	10.9	39	13640	4	64	18	6.7	5.0	1.7	30.2	3070	530	580	1360	405	400	6	1/2	5/8	11/4	11	78
040.1-C-4-7	14.1	52	13300	4	64	17	6.7	5.0	1.7	30.2	3070	530	580	1360	405	400	6	1/2	5/8	11/4	15	89
040.1-E-4-7	18.3	78	12640	4	64	16	9.2	7.5	1.7	41.6	3070	530	580	1360	405	400	6	1/2	5/8	11/4	22	112



FAN Rating D400 Fan 220V

Frequency	Hz	50
Speed	RPM	1430
Power Draw	Watts	160
Current Draw	Amps	0.73

		Temperature Difference (K)							
		5	6	7	8	9	10	11	12
Suction Temp (°C)	-35	0.65	0.80	0.94	1.09	1.23	1.37	1.51	1.64
	-30	0.66	0.82	0.97	1.12	1.27	1.42	1.57	1.71
	-25	0.67	0.84	1.00	1.16	1.32	1.48	1.63	1.79
	-20	0.69	0.86	1.03	1.20	1.37	1.54	1.71	1.89
	-15								
	-10								
	-5								

~All applications EEV
~Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

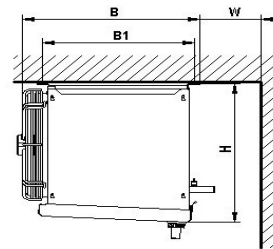
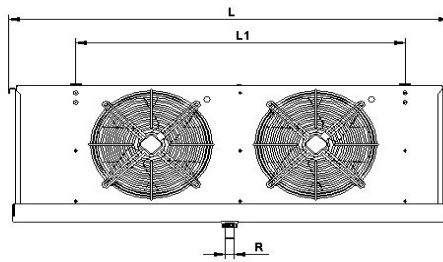
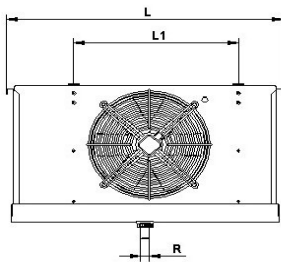
** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats

LOW TEMP

TRB 050

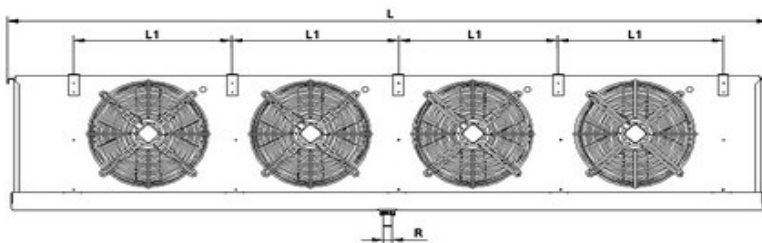
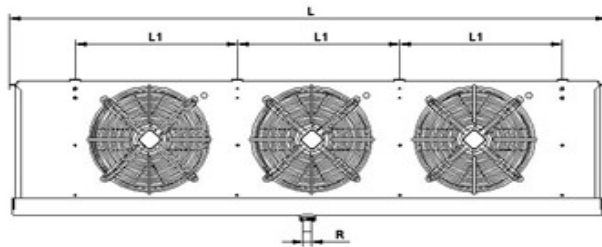
7mm Fin Spacing

	Nominal Capacity R 744 -25°C SST ΔT1=7K	Surface Area	Airflow	Dia 500 Fan Qty	Sound Pressure Level	Air Throw	Defrost Heating (380V)				Dimensions						Mounting Points	Connections Refrig			Tube Volume	Net Weight
							Total Heat	In Coil	In Diptray	Max Amp / Ø**	L	B	H	L1	B1	W		Inlet	Outlet	Drain		
							kW	kW	kW	A	mm	mm	mm	mm	mm	mm		In."	In."	MPT"	L	Kg
050.1-C-1-7	6.7	26	6130	1	63	22	4.9	3.6	1.3	7.7	1423	680	685	1000	538	500	4	1/2	5/8	11/4	7.3	55
050.1-E-1-7	8.5	38	5950	1	63	21	5.8	4.5	1.3	9.2	1423	680	685	1000	538	500	4	1/2	5/8	11/4	11	68
050.1-F-1-7	9.4	51	5760	1	63	21	5.8	4.5	1.3	9.2	1423	680	685	1000	538	500	4	1/2	5/8	11/4	14.6	79
050.1-C-2-7	13.3	51	12270	2	65	25	9.2	7.0	2.2	14.5	2423	680	685	2000	538	500	6	1/2	5/8	11/4	15	105
050.1-E-2-7	17.0	77	11910	2	65	24	10.9	8.8	2.2	17.0	2423	680	685	2000	538	500	6	1/2	3/4	11/4	22	126
050.1-F-2-7	18.9	102	11530	2	65	23	10.9	8.8	2.2	17.0	2423	680	685	2000	538	500	6	5/8	7/8	11/4	29	150
050.1-C-3-7	17.7	77	18400	3	67	26	13.5	10.4	3.1	21.4	3423	680	685	1000	538	500	8	5/8	5/8	11/4	21	144
050.1-E-3-7	23.9	115	17860	3	67	25	16.1	13.4	3.1	24.9	3423	680	685	1000	538	500	8	5/8	11/8	11/4	32	178
050.1-F-3-7	28.5	153	17290	3	67	24	18.7	15.6	3.1	30.8	3423	680	685	1000	538	500	8	5/8	11/8	11/4	42	222
050.1-C-4-7	24.7	103	24540	4	67	26	17.8	13.8	4.0	28.3	4423	680	685	1000	538	500	10	5/8	11/8	11/4	28	189
050.1-E-4-7	34.2	154	23810	4	67	26	21.3	17.3	4.0	32.8	4423	680	685	1000	538	500	10	5/8	11/8	11/4	42	234
050.1-F-4-7	36.1	205	23060	4	67	25	24.7	20.7	4.0	40.6	4423	680	685	1000	538	500	10	5/8	13/8	11/4	56	279



FAN Rating D500 Fan 380V

Frequency	Hz	50
Speed	RPM	1360
Power Draw	Watts	820
Current Draw	Amps	1.5



		Temperature Difference (K)							
Suction Temp (°C)		5	6	7	8	9	10	11	12
	-35	0.66	0.80	0.94	1.07	1.20	1.33	1.45	1.57
	-30	0.68	0.83	0.97	1.11	1.25	1.39	1.52	1.65
	-25	0.69	0.85	1.00	1.15	1.30	1.45	1.59	1.73
	-20	0.70	0.87	1.03	1.20	1.36	1.51	1.67	1.83
	-15								
	-10								
	-5								

~All applications EEV

~Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

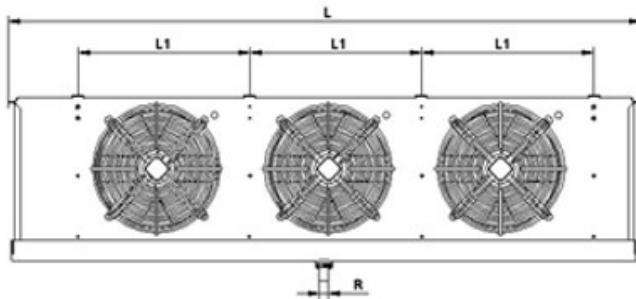
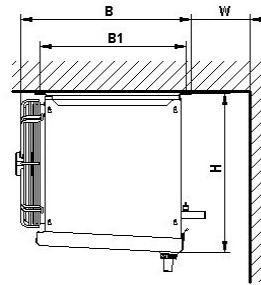
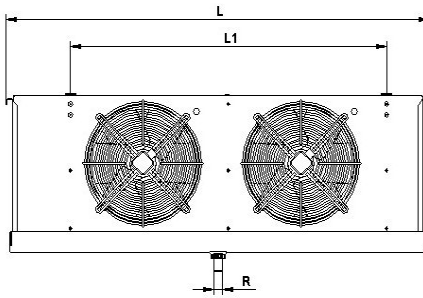
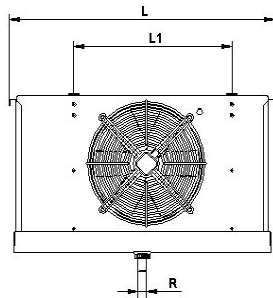
** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats

LOW TEMP

TRB 063

7mm Fin Spacing

	Nominal Capacity	Surface Area	Airflow	Dia 630 Fan Qty	Sound Pressure Level	Air Throw	Defrost * Heating (380V)				Dimensions						Mounting Points	Connections Refrig			Tube Volume	Net Weight
	R 744 -25°C SST ΔT1=7K						Total Heat	In Coil	In Dirtray	Max Amp / Ø **	L	B	H	L1	B1	W		Inlet	Outlet	Drain		
	kW	m²	m³/hr	Qty	dB-1m	m	kW	kW	kW	A	mm	mm	mm	mm	mm	mm	Qty	In."	In."	MPT"	L	Kg
063.1-C-1-7	11.7	38	11869	1	63	48	5.3	4.0	1.3	8.4	1840	749	845	1200	538	650	4	5/8	5/8	11/4	10.9	76
063.1-E-1-7	15.2	57	11124	1	63	45	6.3	5.0	1.3	9.8	1840	749	845	1200	538	650	4	5/8	5/8	11/4	16.3	93
063.1-F-1-7	17.3	77	10411	1	63	44	7.3	6.0	1.3	12.1	1840	749	845	1200	538	650	4	5/8	5/8	11/4	21.7	110
063.1-C-2-7	22.8	77	23738	2	65	45	9.8	7.6	2.2	15.5	3040	749	845	2400	538	650	6	5/8	3/4	11/4	22	163
063.1-E-2-7	30.4	115	22248	2	65	44	11.7	9.5	2.2	18.1	3040	749	845	2400	538	650	6	5/8	7/8	11/4	32	206
063.1-F-2-7	34.7	153	20822	2	65	43	11.7	9.5	2.2	18.1	3040	749	845	2400	538	650	6	5/8	7/8	11/4	43	249
063.1-C-3-7	32.0	115	30168	3	66	44	15.5	12.4	3.1	24.8	4240	749	845	1200	538	650	8	5/8	7/8	11/4	32	236
063.1-E-3-7	40.3	172	28296	3	66	43	18.6	15.5	3.1	28.3	4240	749	845	1200	538	650	8	5/8	11/8	11/4	48	301
063.1-F-3-7	47.1	230	26532	3	66	43	21.7	18.6	3.1	35.4	4240	749	845	1200	538	650	8	7/8	11/8	11/4	63	366



FAN Rating D630 Fan 380V

Frequency	Hz	50
Speed	RPM	1360
Power Draw	Watts	1250
Current Draw	Amps	2.16

Temperature Difference (K)

Suction Temp (°C)								
	5	6	7	8	9	10	11	12
-35	0.66	0.81	0.96	1.11	1.26	1.40	1.54	1.69
-30	0.67	0.82	0.98	1.14	1.29	1.44	1.60	1.75
-25	0.67	0.84	1.00	1.16	1.33	1.49	1.65	1.82
-20	0.68	0.86	1.03	1.20	1.37	1.55	1.72	1.90
-15								
-10								
-5								

~All applications EEV

~Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

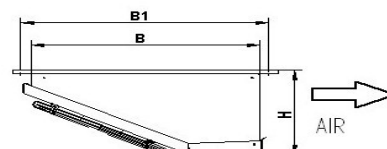
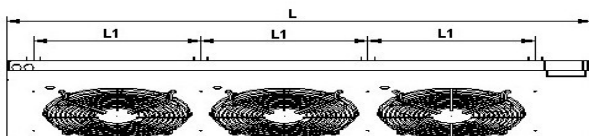
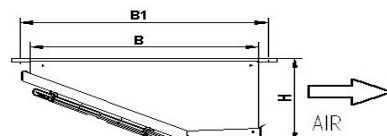
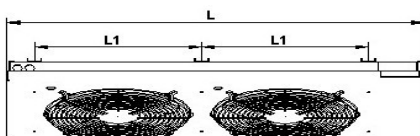
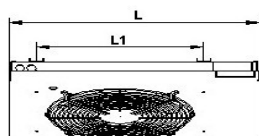
** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats

LOW TEMP

TRMB 025/031

7mm Fin Spacing

	Nominal Capacity	Surface Area	Airflow	Dia 250 / 315 Fan Qty	Sound Pressure Level	Air Throw	Defrost * Heating (220V)				Dimensions					Mounting Points	Exp. Valve Type To Use	Connections Refrig			Tube Volume	Net Weight
	R 744 -25°C SST ΔT1=7K						Total Heat	In Coil	In Diptray	Total Amps **	L	B	H	L1	B1			Inlet	Outlet	Drain		
	kW	m²	m³/hr	Qty	dB-1m	m	kW	kW	kW	A	mm	mm	mm	mm	mm	Qty		In."	In."	MPI"	L	Kg
025.1-B-1-7	0.5	2.1	667	1	49	6	0.3	0.0	0.3	1.4	524	509	242	350	532	4	Int	1/2	1/2	3/4	0.7	7
025.1-C-1-7	0.7	2.8	613	1	49	6	0.3	0.0	0.3	1.4	524	509	242	350	532	4	Int	1/2	1/2	3/4	0.9	8
025.1-B-2-7	1.1	4.2	1333	1	52	8	0.6	0.0	0.6	2.7	874	509	242	350	532	6	Int	1/2	1/2	3/4	1.3	14
025.1-C-2-7	1.4	5.6	1226	1	52	8	0.6	0.0	0.6	2.7	874	509	242	350	532	6	Int	1/2	1/2	3/4	1.6	15
025.1-B-3-7	1.7	6.3	1999	1	55	10	0.8	0.0	0.8	3.8	1224	509	242	350	532	8	Int	1/2	1/2	3/4	1.8	19
025.1-C-3-7	2.1	8.4	1839	1	55	10	0.8	0.0	0.8	3.8	1224	509	242	350	532	8	Int	1/2	1/2	3/4	2.3	20
031.1-B-1-7	1.5	4.9	1919	1	50	9	0.7	0.0	0.7	3.3	884	554	285	680	597	4	Int	1/2	1/2	3/4	1.4	13
031.1-C-1-7	1.8	6.5	1815	1	50	8	1.5	0.7	0.7	6.6	884	554	285	680	597	4	Int	1/2	1/2	3/4	1.9	15
031.1-E-1-7	2.3	9.8	1622	1	50	7	1.5	0.7	0.7	6.6	884	554	285	680	597	4	Ext	1/2	5/8	3/4	2.9	18
031.1-B-2-7	3.0	9.8	3838	2	53	11	1.4	0.0	1.4	6.4	1564	554	285	680	597	6	Int	1/2	1/2	3/4	2.8	27
031.1-C-2-7	3.7	13	3620	2	53	10	2.8	1.4	1.4	12.7	1564	554	285	680	597	6	Ext	1/2	1/2	3/4	3.8	31
031.1-E-2-7	4.7	19.5	3284	2	53	9	2.8	1.4	1.4	12.7	1564	554	285	680	597	6	Ext	1/2	5/8	3/4	5.8	37
031.1-B-3-7	4.5	14.6	5757	3	54	12	1.8	0.0	1.8	8.2	2244	554	285	680	597	8	Ext	1/2	1/2	3/4	4.2	40
031.1-C-3-7	5.6	19.5	5445	3	54	11	3.6	1.8	1.8	16.4	2244	554	285	680	597	8	Ext	1/2	5/8	3/4	5.7	46
031.1-E-3-7	6.9	29.3	4866	3	54	10	3.6	1.8	1.8	16.4	2244	554	285	680	597	8	Ext	1/2	5/8	3/4	8.7	55



FAN Rating 220V		D250		D315	
Frequency	Hz	50	60	50	60
Speed	RPM	1390	1600	1340	1490
Power Draw	Watts	63	69	86	117
Current Draw	Amps	0.45	0.53	0.38	0.51

		Temperature Difference (K)							
		5	6	7	8	9	10	11	12
Suction Temp (°C)	-35	0.64	0.81	0.96	1.11	1.29	1.45	1.59	1.75
	-30	0.65	0.81	0.97	1.14	1.31	1.47	1.64	1.80
	-25	0.65	0.81	1.00	1.16	1.34	1.51	1.68	1.87
	-20	0.67	0.84	1.03	1.21	1.39	1.56	1.75	1.93
	-15								
	-10								
	-5								

~ All applications EEV
~ Condensing of 5°C

* Defrost heaters are only supplied for medium temp coils if specifically ordered

** If total amps are more than 25A then heaters are split into two sets each less than 25A and with own thermostats



Available At

KOVCO

Cape Town
Johannesburg - Randburg
Johannesburg - Selby
Durban
Pietermaritzburg
Pretoria
Nelspruit
Port Elizabeth
East London
Windhoek

021 511 0866
011 791 6090
011 493 8734
031 569 6382
033 342 4244
012 327 5585
013 752 465
041 453 4407
043 722 1760
00264 61262002