

Commercial Unit Coolers




- Optimised 3/8" Rifle Bore Tube Coils
- Light Weight Alu Case - 'Signal White' Powder Coat
- High Airflow External Rotor Motors
- Reversible Drain Trays
- Low Temp Heater Safety Klixon


R SERIES

2.9 26 kW

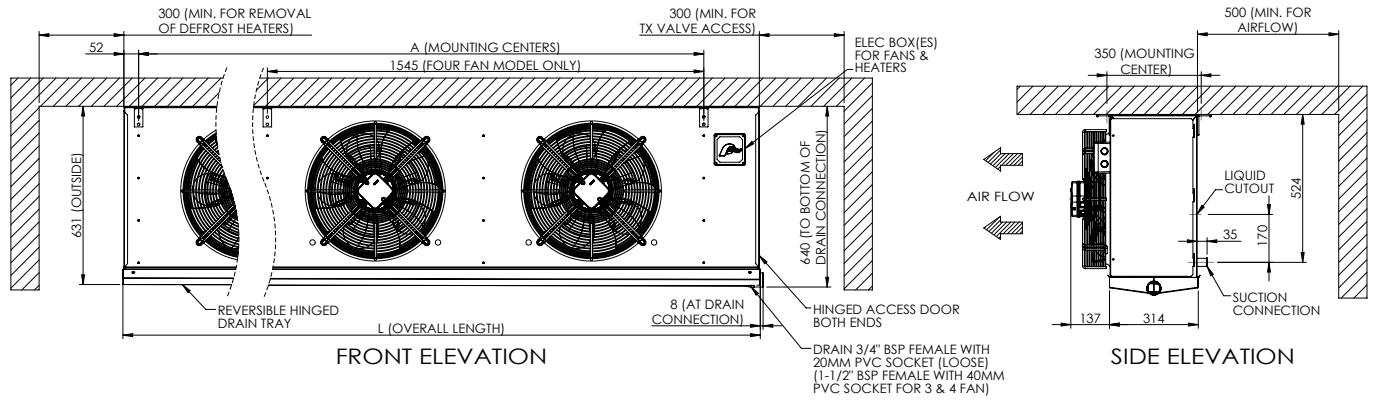
MEDIUM TEMP

MODELS	RM	40	50	60	90	105	125	120	145	165	180	215	245
Capacity	R404A	4.20	5.13	5.94	8.97	10.77	12.27	12.03	14.52	16.56	18.06	21.75	24.84
kW @ 6 KTD -4°C SST	R407F	4.41	5.40	6.24	9.42	11.31	12.87	12.63	15.24	17.37	18.96	22.83	26.07
	R22	4.11	5.01	5.82	8.76	10.50	12.00	11.76	14.22	16.20	17.70	21.30	24.30
	R134a	3.72	4.50	5.22	7.92	9.48	10.83	10.62	12.78	14.61	15.96	19.20	21.93
T.X Valve	R404A	1SC	1-1/4SC	1-1/2SC	2SC	3-1/2SC	3-1/2SC	3-1/2SC	3-1/2SC	3-1/2SC	5SC	5SC	7SC
HFKESC	R407F	1HC	1-1/2HC	1-1/2HC	2HC	2-1/2HC	3HC	3HC	3HC	5-1/2HC	5-1/2HC	5-1/2HC	8HC
	R22	1HC	1-1/2HC	1-1/2HC	2HC	2-1/2HC	3HC	3HC	3HC	5-1/2HC	5-1/2HC	5-1/2HC	8HC
	R134a	1MC	1MC	1-1/2MC	1-3/4MC	2-1/2MC	2-1/2MC	2-1/2MC	4MC	4MC	4MC	6MC	6MC

LOW TEMP

MODELS	RL	35	40	70	80	95	110	140	170
Capacity	R404A	3.42	4.26	7.20	8.37	9.51	11.16	14.19	16.95
kW @ 6 KTD -24°C SST	R407F	3.39	4.20	7.11	8.28	9.42	11.04	14.04	16.77
	R22	3.33	4.17	7.02	8.16	9.27	10.89	13.86	16.56
	R134a	2.91	3.63	6.12	7.11	8.07	9.48	12.06	14.40
T.X Valve	R404A	1-1/4SZ	1-1/4SZ	2SZ	3-1/2SZ	3-1/2SZ	3-1/2SZ	5SZ	5SZ
HFKESC	R407F	1HC	1-1/2HC	2HC	2-1/2HC	3HC	3HC	5-1/2HC	5-1/2HC
	R22	1HC	1-1/2HC	2HC	2-1/2HC	3HC	3HC	5-1/2HC	5-1/2HC
	R134a	1MC	1-1/2MC	2-1/2MC	2-1/2MC	4MC	4MC	4MC	6MC

DIMENSIONS



NTS (mm)
Accessories not shown

MEDIUM TEMP

MODELS	RM	40	50	60	90	105	125	120	145	165	180	215	245	
Air Throw	m	11.1	11.0	10.9	13.1	13.0	12.9	14.6	14.5	14.4	16.1	16.0	15.9	
Air Volume	l/sec	1989	1931	1890	3978	3863	3781	5370	5214	5104	7956	7726	7562	
Fan Motors	Ø 450mm	Num.	1	1	1	2	2	2	3	3	4	4	4	
		Watts	490	490	490	980	980	980	1470	1470	1470	1960	1960	1960
		Amps	2.36	2.36	2.36	4.72	4.72	4.72	7.08	7.08	7.08	9.44	9.44	9.44
Coil	Circuit Vol.	dm ³	4.46	4.46	4.46	8.92	8.92	8.92	11.94	11.94	11.94	17.91	17.91	17.91
	Connection	Dist Inlet	1/2"	1/2"	1/2"	5/8"	5/8"	5/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
	F.Sw	Suct Outlet	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"	1-3/8"
		fpi	4	6	8	4	6	8	4	6	8	4	6	8
	Defrost (option)	Watts	2090	2090	2090	3620	3620	3620	3650	3650	3650	5410	5410	5410
Dimensions	L		1051	1051	1051	1813	1813	1813	2329	2329	2329	3349	3349	3349
	A		792	792	792	1554	1554	1554	2070	2070	2070	3090	3090	3090
Net Weight	kg		75	75	75	85	85	85	95	95	95	105	105	105

LOW TEMP

MODELS	RL	35	40	70	80	95	110	140	170	
Air Throw	m	11.1	11.0	13.1	13.0	14.6	14.5	16.1	16.0	
Air Volume	l/sec	1790	1737	3580	3476	4833	4594	7160	6954	
Fan Motors	Ø 450mm	Num.	1	1	2	2	3	4	4	
		Watts	490	490	980	980	1470	1470	1960	1960
		Amps	2.36	2.36	4.72	4.72	7.08	7.08	9.44	9.44
Coil	Circuit Vol.	dm ³	4.46	4.46	8.92	8.92	11.94	11.94	17.91	17.91
	Connection	Dist Inlet	1/2"	1/2"	5/8"	5/8"	7/8"	7/8"	7/8"	7/8"
	F.Sw	Suct Outlet	3/4"	3/4"	7/8"	7/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"
		fpi	4	6	4	6	4	6	4	6
	Defrost	Watts	3200	3200	5780	5780	7300	7300	10820	10820
Dimensions	L		1051	1051	1813	1813	2329	2329	3349	3349
	A		792	792	1554	1554	2070	2070	3090	3090
Net Weight	kg		76	76	86	86	96	96	106	106

CAPACITY CORRECTION

RM @ °C SST	RL @ °C SST
5°	1.17
0°	1.07
-5°	0.99
-10°	0.93

RELATIVE HUMIDITY GUIDE

Temp Diff	R.H %
2K	94
4K	89
6K	84
8K	81

NOTES:

- Air throw based on CRMA standard @ 20°C
Multiply figures by 0.94 for 2°C and 0.87 for -18°C
- Fan motors 220-240V/1/50Hz
- Defrost heaters 220-240V/1/50Hz
Connect in Y for 380-420V/3/50Hz supply

Specifications subject to change without notice