

Industrial Unit Coolers




- Optimised 1/2" Copper Coils
- Light Weight Alu Case - 'Signal White' Powder Coat
- Factory Applied "Blue Coil Coat" Corrosion Protection
- High Airflow External Rotor Motors
- Water Defrost - Fully Serviceable


JWC SERIES

9.3 63 kW

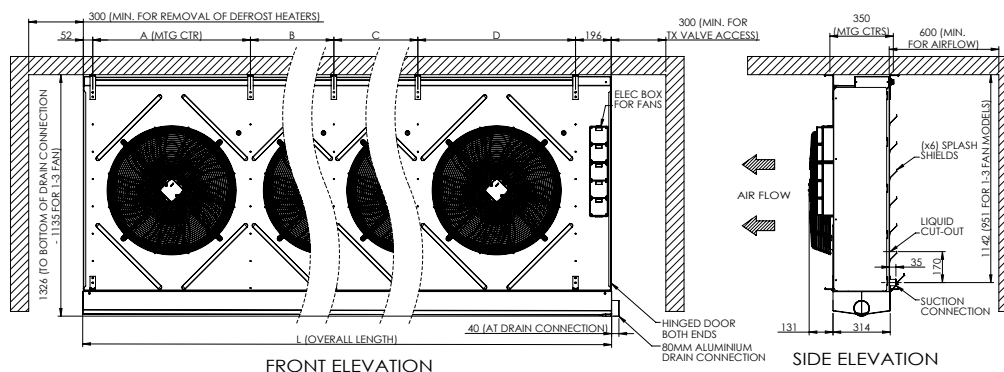
MEDIUM TEMP

MODELS	JMWC	140	155	230	275	305	340	410	450	545	605
Capacity	R404A	13.65	15.09	22.53	27.30	29.94	33.75	40.95	45.03	54.45	60.09
kW @ 6 KTD -4°C SST	R407F	14.31	15.84	23.64	28.65	31.38	35.25	42.99	47.28	57.15	63.06
	R22	13.41	14.70	22.11	26.97	29.37	33.12	41.16	44.19	53.46	58.95
	R134a	12.42	13.71	20.49	24.84	27.24	30.69	37.26	40.98	49.56	54.66
T.X Valve	R404A	C-SW	C-SW	6-SW	6-SW	10-SW	10-SW	13-SW	13-SW	13-SW	21-SW
SCE / EBB 	R407F	B-VW	C-VW	D-VW	8-VW	8-VW	8-VW	11-VW	15-VW	15-VW	15-VW
	R22	B-VW	C-VW	D-VW	8-VW	8-VW	8-VW	11-VW	11-VW	15-VW	15-VW
	R134a	C-JW	C-JW	D-JW	5-JW	5-JW	7-JW	9-JW	9-JW	12-JW	12-JW

LOW TEMP

MODELS	JLWC	100	175	220	260	330	435
Capacity	R404A	10.92	17.07	21.87	25.59	32.76	43.68
kW @ 6 KTD -24°C SST	R407F	10.80	16.89	21.60	25.32	32.43	43.23
	R22	10.71	16.74	21.42	25.11	32.10	42.81
	R134a	9.27	14.52	18.60	21.75	27.84	37.11
T.X Valve	R404A	6-SW	6-SW	7-1/2SW	10-SW	13-SW	21-SW
SCE / EBB 	R407F	C-VW	8-VW	8-VW	8-VW	11-VW	15-VW
	R22	C-VW	8-VW	8-VW	8-VW	11-VW	15-VW
	R134a	C-JZ	5-JZ	7-JZ	9-JZ	9-JZ	12-JZ

DIMENSIONS



NTS (mm)

FRONT ELEVATION

SIDE ELEVATION

MEDIUM TEMP

MODELS	JMWC	140	155	230	275	305	340	410	450	545	605
Air Throw	m	27.0	26.0	29.0	28.0	27.0	31.0	30.0	30.0	31.0	30.0
Air Volume	l/sec	3730	3447	7923	7460	6893	11884	11190	10339	14920	13786
Fan Motors	Ø 630mm	Num.	1	1	2	2	2	3	3	4	4
		Watts	1250	1250	2500	2500	2500	3750	3750	5000	5000
		Amps	2.5	2.5	5.0	5.0	5.0	7.5	7.5	10.0	10.0
Coil	Circuit Vol.	dm3	20.76	20.76	27.68	41.52	41.52	41.52	62.29	62.29	83.05
	Connection	Dist Inlet	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	7/8"	7/8"
	F.Sw	Suct Outlet	1-3/8"	1-3/8"	1-3/8"	1-3/8"	1-3/8"	1-5/8"	1-5/8"	1-5/8"	2-1/8"
		fpi	5	7	5	5	7	5	5	7	7
	Defrost	l/min	26	26	34	50	50	52	76	76	100
Dimensions	(Nom)	min/hr	12/8	12/8	12/8	12/8	12/8	12/8	12/8	12/8	12/8
	L		1306	1306	2326	2326	2326	3346	3346	3346	3686
	A		1052	1052	1036	1036	1036	1036	1036	1036	866
	B		-	-	1036	1036	1036	1020	1020	1020	850
	C		-	-	-	-	-	1036	1036	1036	850
	D		-	-	-	-	-	-	-	-	866
Net Weight	kg		100	116	132	175	211	193	255	303	405

LOW TEMP

MODELS	JLWC	100	175	220	260	330	435
Air Throw	m	26.0	28.0	27.0	30.0	31.0	32.0
Air Volume	l/sec	3730	7923	7460	11884	11190	14920
Fan Motors	Ø 630mm	Num.	1	2	2	3	4
		Watts	1250	2500	2500	3750	5000
		Amps	2.5	5.0	5.0	7.5	10.0
Coil	Circuit Vol.	dm3	20.76	27.68	41.52	41.52	62.29
	Connection	Dist Inlet	1/2"	5/8"	5/8"	5/8"	7/8"
	F.Sw	Suct Outlet	1-3/8"	1-3/8"	1-3/8"	1-5/8"	2-1/8"
		fpi	5	5	5	5	5
	Defrost	l/min	29	38	55	58	84
Dimensions	(Nom)	min/hr	16/6	16/6	16/6	16/6	16/6
	L		1306	2326	2326	3346	3686
	A		1052	1036	1036	1036	866
	B		-	1036	1036	1020	850
	C		-	-	-	1036	850
	D		-	-	-	-	866
Net Weight	kg		106	140	183	203	265

CAPACITY CORRECTION

JMWC @ °C SST	JLWC @ °C SST	JMWC @ °C SST	JLWC @ °C SST
5°	1.17	-20°	1.07
0°	1.07	-25°	0.99
-5°	0.99	-30°	0.89
-10°	0.93	-35°	0.80

RELATIVE HUMIDITY GUIDE

Temp Diff	R.H %	Temp Diff	R.H %
2K	94	10K	77
4K	89	12K	73
6K	84	14K	70
8K	81	16K	66

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 380-420V/3/50Hz

Specifications subject to change without notice