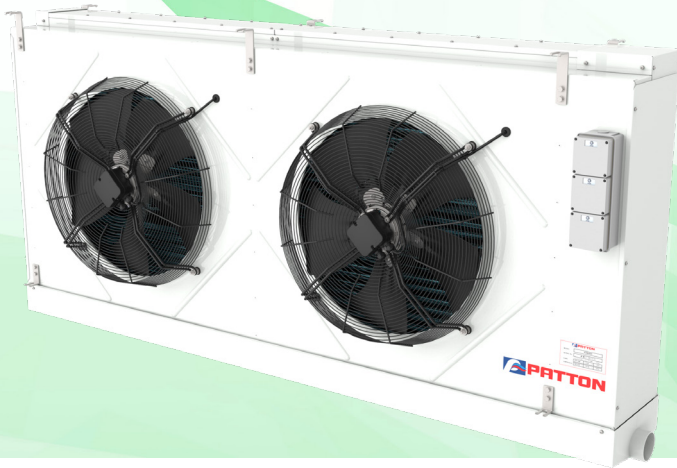


# Industrial Unit Coolers



- 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 63.0 kW

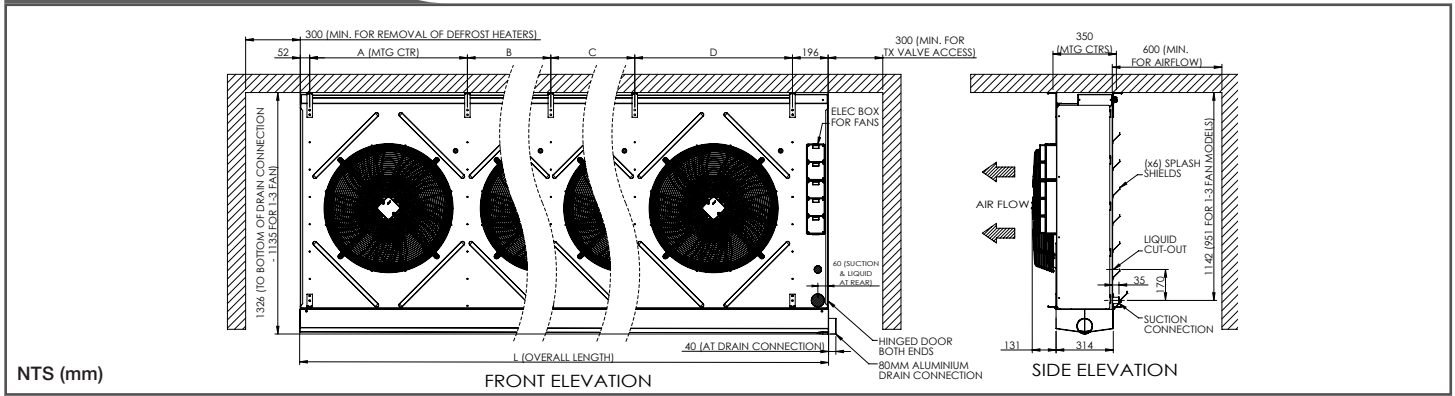
### MEDIUM TEMP

MODELS	JMWC	140	155	230	275	305	340	410	450	545	605
Capacity	R134a	12.42	13.71	20.49	24.84	27.24	30.69	37.26	40.98	49.56	54.66
kW @ 6 KTD -4°C SST	R404A	13.65	15.09	22.53	27.30	29.94	33.75	40.95	45.03	54.45	60.09
	R449A	13.92	15.39	22.98	27.84	30.54	34.41	41.76	45.93	55.53	61.29
	R407F	14.31	15.84	23.64	28.65	31.38	35.25	42.99	47.28	57.15	63.06
T.X Valve TE5 / 12 / 20	R134a	TE5-2	TE5-2	TE5-2	TE5-4	TE5-4	TE12-5	TE12-6	TE12-6	TE12-7	TE12-7
	R404A	TE5-1	TE5-2	TE5-3	TE5-4	TE5-4	TE12-5	TE12-5	TE12-6	TE12-6	TE12-7
	<i>Danfoss</i> R449A	TE5-1	TE5-1	TE5-2	TE5-3	TE5-4	TE5-4	TE12-5	TE12-5	TE12-6	TE12-7
	R407F	TE5-1	TE5-1	TE5-2	TE5-3	TE5-3	TE5-4	TE5-4	TE12-5	TE12-5	TE12-6
T.X Valv TC/TJ/TE	R134a	250MW	250MW	550MW	550MW	750MW	750MW	900MW	11MW	13MW	13MW
	R404A	400SW	400SW	850SW	850SW	850SW	1000SW	12SW	14SW	18SW	18SW
	<i>EMERSON</i> R449A	300BW	300BW	800BW	800BW	800BW	1100BW	1100BW	1300BW	15BW	18BW
	R407F	300NW	400NW	550NW	750NW	750NW	750NW	1000NW	1000NW	1150NW	14NW

### LOW TEMP

MODELS	JLWC	100	175	220	260	330	435
Capacity	R134a	9.27	14.52	18.60	21.75	27.84	37.11
kW @ 6 KTD -24°C SST	R404A	10.92	17.07	21.87	25.59	32.76	43.68
	R449A	10.80	16.89	21.60	25.32	32.43	43.23
	R407F	10.80	16.89	21.60	25.32	32.43	43.23
T.X Valve TE5 / 12 / 20	R134a	TE5-2	TE5-4	TE12-5	TE12-5	TE12-7	TE20-8
	R404A	TE5-2	TE5-4	TE12-5	TE12-5	TE12-6	TE20-8
	<i>Danfoss</i> R449A	TE5-1	TE5-3	TE5-4	TE5-4	TE12-6	TE12-7
	R407F	TE5-1	TE5-2	TE5-3	TE5-4	TE12-5	TE12-6
T.X Valv TC/TJ/TE	R134a	250MW	550MW	750MW	750MW	11MW	13MW
	R404A	600SW	850SW	1000SW	12SW	14SW	18SW
	<i>EMERSON</i> R449A	300BW	800BW	1100BW	1100BW	1300BW	18BW
	R407F	400NW	550NW	750NW	750NW	1000NW	14NW

**DIMENSIONS**



**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"	2-1/8"	2-1/8"
		fpi	5	7	5	5	7	5	5	7	5
	Defrost	l/min	26	26	34	50	50	52	76	76	100
	(Nom)	min/hr	12/8	12/8	12/8	12/8	12/8	12/8	12/8	12/8	12/8
Dimensions	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	352	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
	(Nom)	min/hr	16/6	16/6	16/6	16/6	16/6
Dimensions	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	342

**CAPACITY CORRECTION**

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:**

1. Air throw based on CRMA standard @ 20°C  
Multiply figures by 0.94 for 2°C and 0.87 for -18°C
2. Fan motors 380-420V/3/50Hz

Specifications subject to change without notice