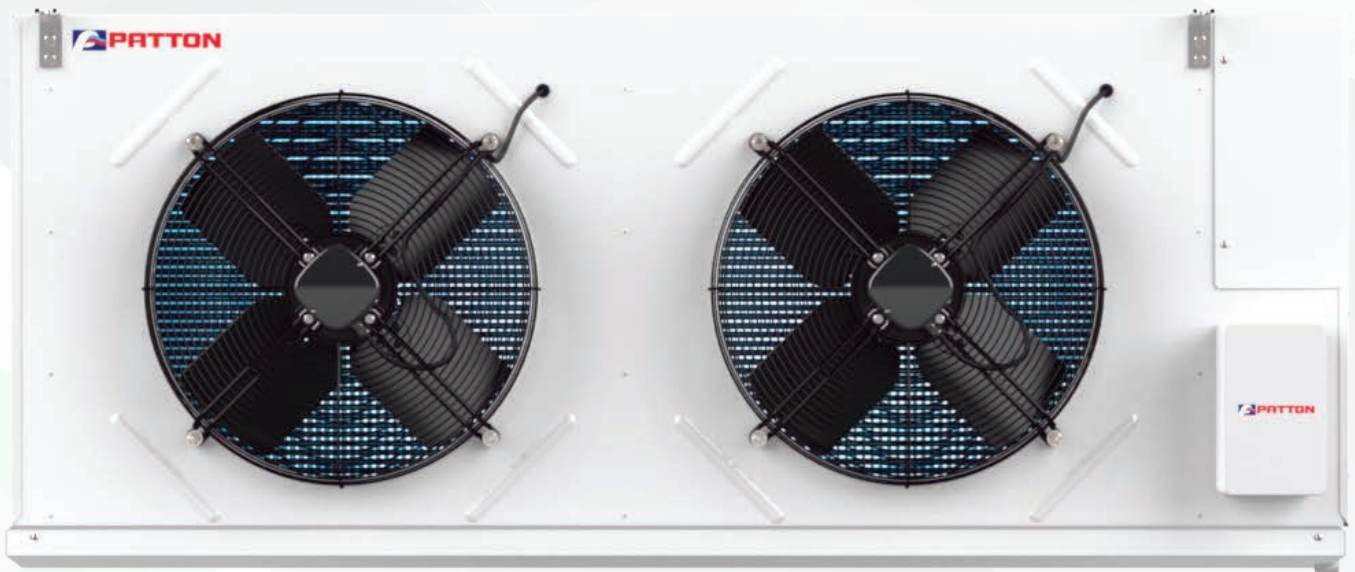


Commercial Unit Coolers

4.5 41.6 kW



BENEFITS

- Hybrid Front Door Design
- High Airflow External Rotor Motors
- Reversible Drain Tray
- CAREL EVD ICE with Ultracap (Optional)
- Light Weight Alu Case - 'Signal White' Powder Coated
- Heater Defrost Complete With Safety Thermostats
- Applied "Blue Coil Coat" Corrosion Protection

Commercial Unit Coolers



Q SERIES

Benefits

- Factory Applied "Blue Coil Coat" Corrosion Protection
- Available in "Super Coat Coil" (Optional)

- EVD-ice fitted Driver Available with E2V, E3V Valve Type (Optional)



- High Airflow External Rotor Motors
- Available in EC Fans

- Reversible Drain Tray

- Hybrid Front Door Design
- Removable Hinge Door
Easy Accessible

QM SERIES

MEDIUM TEMP

Models	QM	075-41	100-41	135-42	165-42	190-43	225-43	270-44	330-44
	R134a	6.89	9.07	12.28	15.20	17.13	20.44	24.82	30.03
Capacity	R404A	7.57	9.96	13.49	16.71	18.82	22.46	27.27	33.00
kW @ 6 KTD	R407F(Dew)	9.24	12.15	16.46	20.38	22.96	27.40	33.27	40.26
-4 °C SST	R449A(Dew)	9.39	12.35	16.73	20.72	23.34	27.85	33.82	40.92
	R448A(Dew)	9.54	12.55	17.00	21.05	23.71	28.30	34.36	41.58

QL SERIES

LOW TEMP

Models	QL	055-61	070-61	090-62	115-62	125-63	165-63	185-64	220-64
	R134a	4.51	5.91	7.71	9.76	10.74	13.75	15.67	18.58
Capacity	R404A	5.37	7.04	9.18	11.62	12.78	16.37	18.65	22.12
kW @ 6 KTD	R449A(Dew)	6.66	8.73	11.38	14.41	15.85	20.30	23.13	27.43
-24 °C SST	R407F(Dew)	6.88	9.01	11.75	14.87	16.36	20.96	23.87	28.32
	R448A(Dew)	6.88	9.01	11.75	14.87	16.36	20.96	23.87	28.32

Note: 1. Consider latent & Sensible heat
2. Cal with Fan curve R13R-5030A-4T2-7002



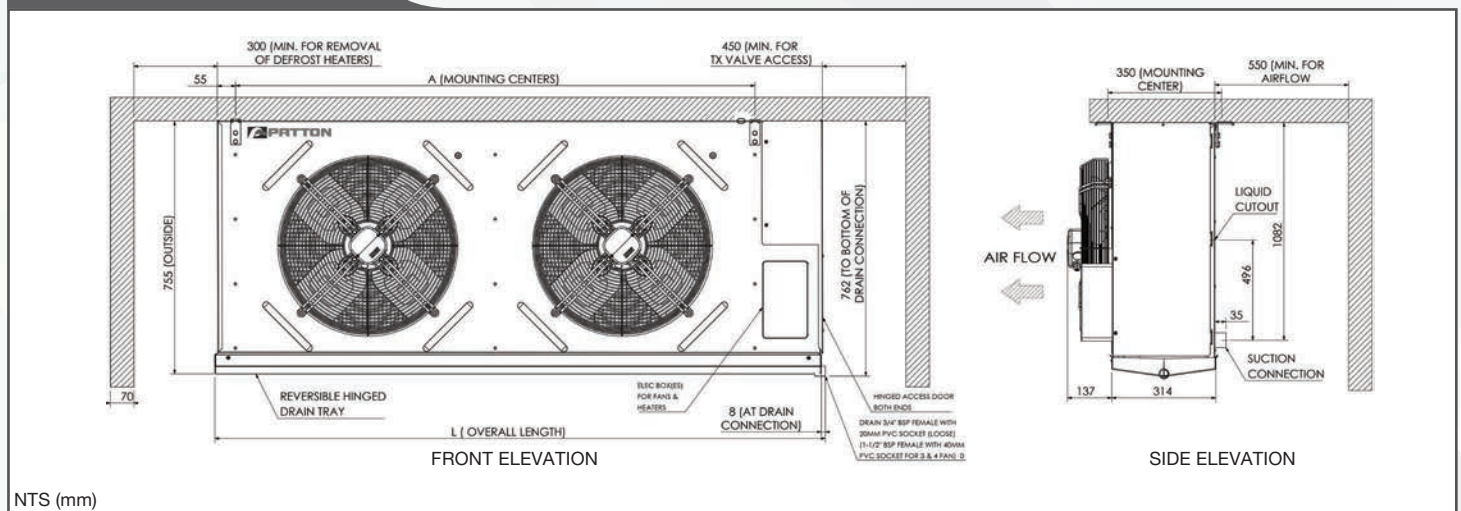
MEDIUM TEMP

Models	QM	075-41	100-41	135-42	165-42	190-43	225-43	270-44	330-44
Air Throw	m	11	10.5	12.5	12	14	13.5	15.5	15
Air Volume	l/sec	1930	1810	3550	3210	5080	4290	7090	6440
Fan Motors	Num.	1	1	2	2	3	3	4	4
	Ø 500mm Watts	560	560	1120	1120	1680	1680	2240	2240
	Amps	1.25	1.25	2.5	2.5	3.75	3.75	5	5
Coil	Circuit Vol.	dm ³	6.6	10.2	10.4	15.8	13.7	20.9	31.7
	Connection	Dist Inlet	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	7/8"
	F.Sw	Suct Outlet	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"
		fpi	6	6	6	6	6	6	6
	Defrost(Optional)	Watts	3400	3400	5780	5780	7300	10820	10820
Dimension	L		1051	1051	1813	1813	2329	3349	3349
	A		792	792	1554	1554	2070	3090	3090
Net Weight	kg		90	100	102	117	115	135	170

LOW TEMP

Models	QL	055-61	070-61	090-62	115-62	125-63	165-63	185-64	220-64
Air Throw	m	11	10.5	12.5	12	14	13.5	15.5	15
Air Volume	l/sec	1980	1870	3680	3400	5330	4860	7370	6810
Fan Motors	Num.	1	1	2	2	3	3	4	4
	Ø 500mm Watts	560	560	1120	1120	1680	1680	2240	2240
	Amps	1.25	1.25	2.5	2.5	3.75	3.75	5	5
Coil	Circuit Vol.	dm ³	6.6	10.2	10.4	15.8	13.7	20.9	31.7
	Connection	Dist Inlet	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	7/8"
	F.Sw	Suct Outlet	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"
		fpi	4	4	4	4	4	4	4
	Defrost	Watts	4610	4610	7940	7940	10100	14900	14900
Dimension	L		1051	1051	1813	1813	2329	3349	3349
	A		792	792	1554	1554	2070	3090	3090
Net Weight	kg		96	106	111	126	127	147	188

DIMENSIONS



Specifications subject to change without notice

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
- Defrost heaters 220-240V/1/50Hz
Connect in Y for 380-420V/3/50Hz supply

CAPACITY CORRECTION

QM @ °C SST		QL @ °C SST	
5°	1.17	-20°	1.07
0°	1.07	-25°	0.99
-5°	0.99	-30°	0.89
-10°	0.93	-35°	0.8

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