

Q-Series Commercial Evaporators



- Optimised 1/2" copper tube coils
- White powder coated aluminium casing
- Improved Airflow with nozzle fan assemblies
- Fan shroud heater prevents ice formation
- Patton Coat coil & fin corrosion protection
- Reversible drain tray provides flexibility
- Defrost heater termination/safety klaxon
- Optional EVD ICE fitted with UltraCap

Q SERIES (500mm fans)

17 42 kW

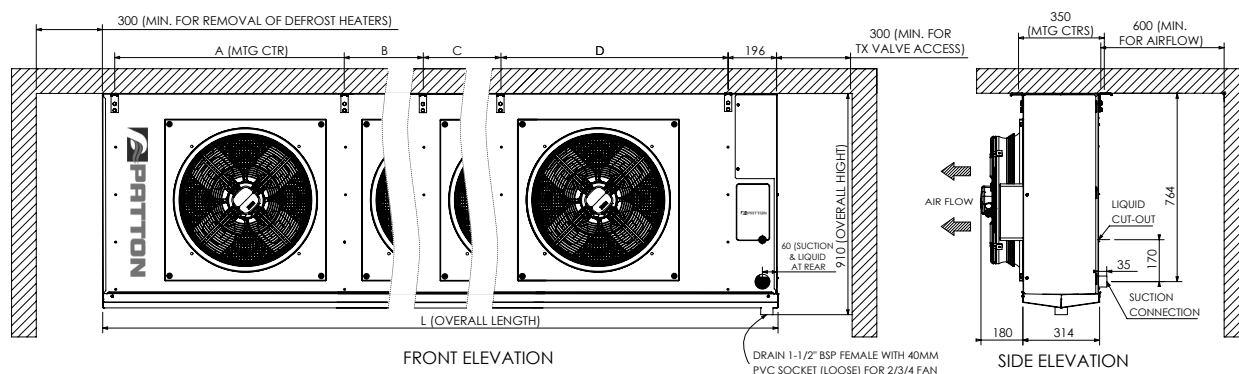
MEDIUM TEMP

MODELS		QM180-42	QM235-42	QM275-43	QM320-43	QM350-43	QM420-44
Capacity Watts	R404A	18180	23360	27690	31880	35260	42260
	R448A	17630	22660	26860	30920	34200	40990
	-4SST / 6KTD	R134a	16540	21260	29010	32090	38460

LOW TEMP

MODELS		QL170-62	QL195-63	QL250-63	QL320-54
Capacity Watts	R404A	16840	19310	25270	31920
-24SST / 6KTD	R448A	16170	18540	24260	30640

- R448A listed ratings have been calculated at 'mid point' conditions.



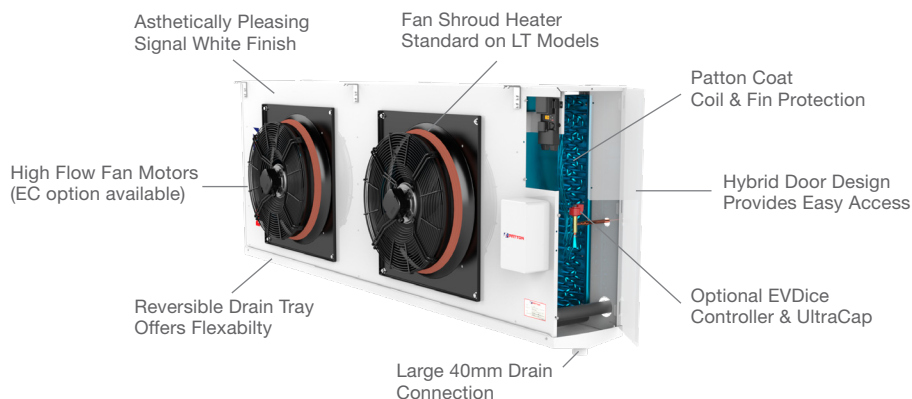
TECHNICAL DATA

MEDIUM TEMP

MODELS			QM180-42	QM235-42	QM275-43	QM320-43	QM350-43	QM420-54
Air Throw	m		25	24	27	26	26	27
Air Volume	l/sec		4370	4140	6550	6400	6220	7780
Fan Motors (415V)	Ø 500mm	Num.	2	2	3	3	3	4
		Watts	1120	1120	1680	1680	1680	2240
		Amps	2.5	2.5	3.8	3.8	3.8	5.0
Coil	Connection	Dist Inlet	7/8	7/8	7/8	7/8	7/8	11/8
	ODS	Suct Outlet	13/8	13/8	15/8	15/8	15/8	15/8
		fpi	6	6	6	6	6	6
Dimensions		L	2330	2330	3350	3350	3350	3690
		H	910	910	910	910	910	910
		A	1036	1036	1036	1036	1036	866
		B	1036	1036	1020	1020	1020	850
		C	-	-	1036	1036	1036	850
		D	-	-	-	-	-	866
Net Weight	kg		118	143	158	176	210	278

LOW TEMP

MODELS			QL170-62	QL195-63	QL250-63	QL320-54
Air Throw	m		25	28	27	28
Air Volume	l/sec		4280	6680	6430	7940
Fan Motors (415V)	Ø 500mm	Num.	2	3	3	4
		Watts	1120	1680	1680	2240
		Amps	2.5	3.8	3.8	5.0
Coil	Connection	Dist Inlet	7/8	7/8	11/8	11/8
	ODS	Suct Outlet	13/8	13/8	15/8	15/8
		fpi	4	4	4	5
Defrost (230V)	Heaters	Watts	11500	16940	16940	18580
	Fan shroud		250	375	375	500
Dimensions		L	2330	3350	3350	3690
		H	910	910	910	910
		A	1036	1036	1036	866
		B	1036	1020	1020	850
		C	-	1036	1036	850
		D	-	-	-	866
Net Weight	kg		150	167	219	294



RELATIVE HUMIDITY GUIDE (MED TEMP)

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

CAPACITY CORRECTION GUIDE

QM @ SST		QL @ 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

NOTES

- All fan motors 415V/3/50Hz
- Defrost heaters 220-240V/1/50Hz
For 380-420V/3/50Hz supply Connect in Y
- Air throw based on CRMA standard @ 20°C
Multiply figures by 0.94 for 2°C and 0.87 for -18°C

Specifications subject to change without notice