

Commercial Unit Coolers



P | Aero Series

1.9 18 kW



Benefits

- Optimised 3/8" Riffle Bore Tube Coils
- Light Weight Aluminium Case "Signal White" Powder Coated
- Reversible Drain Tray
- Applied "Blue Coil Coat" Corrosion Protection
- High Airflow External Rotor Motors
- Hybrid Front Door Design

PM Aero Series

MEDIUM TEMP

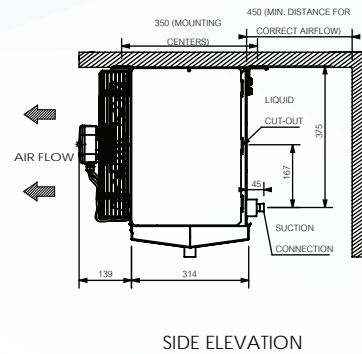
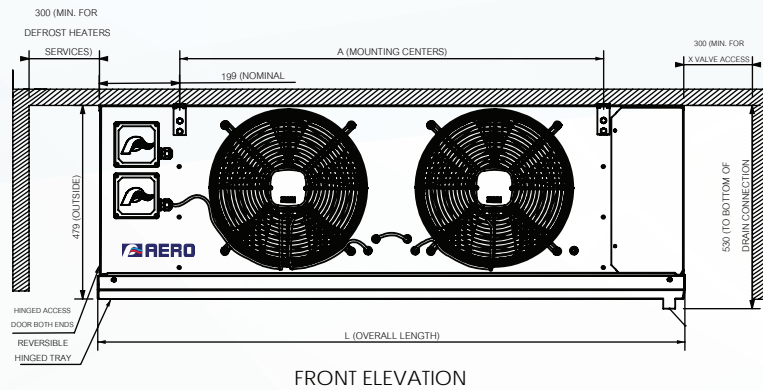
Models	Capacity (kW) @ 6 KTD -4 °C SST			
	R134a	R407F	R449A	R404A
PM026-41	2.35	2.40	2.53	2.58
PM033-41	2.99	3.05	3.21	3.28
PM040-31	3.57	3.65	3.85	3.93
PM052-42	4.72	4.83	5.09	5.19
PM060-32	5.41	5.53	5.82	5.94
PM070-42	6.32	6.46	6.81	6.95
PM080-32	7.31	7.47	7.87	8.03
PM090-33	8.14	8.32	8.77	8.95
PM095-43	8.58	8.77	9.24	9.43
PM109-33	9.90	10.11	10.66	10.87
PM117-34	10.64	10.87	11.45	11.69
PM145-44	13.06	13.34	14.06	14.35
PM162-34	14.73	15.05	15.86	16.18
PM180-36	16.44	16.80	17.71	18.07

PL Aero Series

LOW TEMP

Models	Capacity (kW) @ 6 KTD -24 °C SST			
	R134a	R407F	R449A	R404A
PL023-41	1.93	2.18	2.18	2.29
PL029-41	2.42	2.73	2.73	2.88
PL046-42	3.90	4.41	4.41	4.64
PL061-42	5.11	5.78	5.78	6.09
PL069-43	5.76	6.51	6.51	6.86
PL084-43	7.01	7.93	7.93	8.35
PL093-44	7.84	8.87	8.87	9.34
PL120-44	10.11	11.44	11.44	12.04
PL135-46	11.37	12.86	12.86	13.54

DIMENSIONS



MEDIUM TEMP

MODELS	PM	026-41	033-41	040-31	052-42	060-32	070-42	080-32	090-33	095-43	109-33	117-34	145-44	162-34	180-36
Air Throw	m	8	8.5	8	11	10.5	14	12.5	14	14.5	14	15	17	16.5	17.5
Air Volume	l/sec	650	790	770	1300	1230	1585	1540	1840	2275	2195	2460	3180	3075	3690
Fan Motors	Num.	1	1	1	2	2	2	2	3	3	3	4	4	4	6
Ø 350 mm.	Watts	175	175	175	350	350	350	350	525	525	525	700	700	700	1050
	Amps	0.75	0.75	0.75	1.5	1.5	1.5	15	2.25	2.25	2.25	3	3	3	4.5
Coil	Circuit Vol.	dm ³	2.1	2.9	2.9	4.1	3.9	5.8	6.2	6.2	8.3	7.7	7.7	12.4	12.4
	Connection	Dist Inlet	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"	5/8"	5/8"	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"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"
		fpi	6	6	8	6	8	6	8	8	6	8	8	6	8
	Defrost(Optional)	Watts	1500	2090	2090	2590	2590	3620	3620	3620	3650	3650	3650	5410	5410
Dimension	L	950	1202	1202	1460	1460	1964	1964	1964	2480	2480	2480	3500	3500	3500
	A	540	792	792	1050	1050	1554	1554	1554	2070	2070	2070	3090	3090	3090
Net Weight	kg	20	23	24	30	31	45	46	51	61	62	66	72	73	82

LOW TEMP

Models	PL	023-41	029-41	046-42	061-42	069-43	084-43	093-44	120-44	135-46
Air Throw	m	8	8.5	11	12	13	14	15	16	17
Air Volume	l/sec	650	750	1310	1590	1950	2190	2610	3180	3910
Fan Motors	Num.	1	1	2	2	3	3	4	4	6
Ø 350 mm.	Watts	175	175	350	350	525	525	700	700	1050
	Amps	0.75	0.75	1.5	1.5	2.25	2.25	3	3	4.5
Coil	Circuit Vol.	dm ³	2.1	2.9	4.1	5.8	5.8	8.3	8.3	12.4
	Connection	Dist Inlet	1/2"	1/2"	1/2"	5/8"	5/8"	7/8"	7/8"	7/8"
	F.Sw	Suct Outlet	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-3/8"
		fpi	6	6	6	6	6	6	6	6
	Defrost(Optional)	Watts	2400	3200	4120	5780	5780	7300	7300	10820
Dimension	L	950	1202	1460	1964	1964	2480	2480	3500	3500
	A	540	792	1050	1554	1554	2070	2070	3090	3090
Net Weight	kg	21	24	30	46	51	61	66	76	84

CAPACITY CORRECTION

MT @ °C SST		LT @ °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 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