



ACTROL

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Evaporators

Cabinet Cooler Series

April 2013



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Cabinet Cooler Series

Evaporators



Standard Features

- Cleanable hygienic white 4.5 mm refrigeration grade ABS cover
- Rounded corners for safety
- Efficient inner grooved copper tubing
- Corrosion protected lacquer coated coils including the return bends
- Radlon/Fasco fan motor/s
- Balanced acrylic fan blade/s
- Reinforced aluminium base is durable and rust free
- White powder coated fan grille/s
- Small footprint

Actrol cabinet coolers provide a high quality solution for commercial refrigeration cabinets. The single and dual air discharge coolers are available in both medium and low temperature versions.

Common applications include drink display fridges, under-bar cabinets, freezer cabinets, wine cellars, small cool rooms and freezer rooms or any commercial refrigeration application requiring a low profile cooler.



Cabinet Cooler Series

Selection Data

PC Series

Medium Temperature Applications

Cat. No.	Model	Capacity: Watts @ 6 KTD			Fans			Connections: mm		Overall Dimensions: mm			Defrost Heater Watts	Fixing Centres: mm	
		R404A	R134a	R22	Number x Diameter mm	Input Watts	Air Flow I/S	Suction	Liquid	Width W	Depth D	Height H		A	B
292001	PC30	313	295	310	1 x 178	30	130	9.5	9.5	440	395	135	395	390	345
292004	PC41	414	390	410	1 x 178	30	130	9.5	9.5	440	395	135	395	390	345
292006	PC53	535	504	530	1 x 178	30	125	9.5	9.5	440	395	135	395	390	345
292008	PC64	646	608	640	1 x 178	30	125	9.5	9.5	440	395	135	395	390	345
292014	PC76	768	722	760	2 x 178	60	240	9.5	9.5	705	395	135	395	660	345
292015	PC100	1030	969	1020	2 x 178	60	235	9.5	9.5	705	395	135	395	660	345
292016	PC135	1364	1283	1350	3 x 178	90	300	9.5	9.5	840	395	135	395	790	345
292017	PC160*	1616	1520	1600	3 x 178	90	300	12.7	12.7	840	395	135	395	790	345
292018	PC200*	2020	1900	2000	3 x 178	90	450	12.7	12.7	840	395	190	395	790	345
292019	PC230*	2323	2185	2300	3 x 178	90	450	12.7	12.7	840	395	190	395	790	345

► Capacity Rating Basis: Ratings based on -4SST for medium temperature models * 6.35mm External Equaliser Supplied

PCL Series

Low Temperature Applications

Cat. No.	Model	Capacity: Watts @ 6 KTD		Fans			Connections: mm		Overall Dimensions: mm			Defrost Heater Watts	Fixing Centres: mm	
		R404A	R22	Number x Diameter mm	Input Watts	Air Flow I/S	Suction	Liquid	Width W	Depth D	Height H		A	B
292010	PCL40	400	396	1 x 178	30	125	9.5	9.5	440	395	135	400	390	345
292040	PCL50	500	495	1 x 178	30	125	9.5	9.5	440	395	135	400	390	345
292041	PCL60	600	594	2 x 178	30	240	9.5	9.5	705	395	135	600	660	345
292042	PCL80	800	792	2 x 178	30	235	9.5	9.5	705	395	135	600	660	345
292043	PCL100	1000	990	3 x 178	60	300	9.5	9.5	840	395	135	800	790	345
292084	PCL120*	1200	1188	3 x 178	60	300	12.7	12.7	840	395	135	800	790	345
292086	PCL150*	1500	1485	3 x 178	90	450	12.7	12.7	840	395	190	1500	790	345
292088	PCL170*	1700	1683	3 x 178	90	450	12.7	12.7	840	395	190	1500	790	345

► Capacity Rating Basis: Ratings based on -24SST for low temperature models * 6.35mm External Equaliser Supplied



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Cabinet Cooler Series

Selection Data

PDC Series - Dual Coil

Medium Temperature Applications

Cat. No.	Model	Capacity: Watts @ 6 KTD			Fans			Connections: mm		Overall Dimensions: mm			Fixing Centres: mm	
		R404A	R134a	R22	Number x Diameter mm	Input Watts	Air Flow I/S	Suction	Liquid	Width W	Depth D	Height H	A	B
292025	PDC45	455	428	450	1 x 200	35	220	9.5	9.5	565	335	160	142	197
292026	PDC60	606	570	600	1 x 200	35	210	9.5	9.5	565	335	160	142	197
292027	PDC80	808	760	800	1 x 200	35	200	9.5	9.5	565	335	160	142	197
292028	PDC100	1010	950	1000	1 x 250	35	260	9.5	9.5	610	430	160	185	295
292023	PDC120*	1212	1140	1200	1 x 250	35	260	12.7	12.7	610	430	160	185	295
292094	PDC160*	1616	1520	1600	1 x 250	35	330	12.7	12.7	610	430	200	185	295
292096	PDC185*	1869	1758	1850	1 x 250	35	330	12.7	12.7	610	430	200	185	295

► Capacity Rating Basis: Ratings based on -4SST for medium temperature models * 6.35mm External Equaliser Supplied

Refrigerant Capacities (kg)

Model	PC30	PC41	PC53	PC64	PC76	PC100	PC135	PC160	PC200	PC230	PCL40	PCL50	PCL60
R22	0.26	0.34	0.51	0.59	0.58	0.84	1.01	1.1	1.46	1.78	0.51	0.59	0.58
R134a	0.26	0.34	0.51	0.59	0.58	0.85	1.01	1.1	1.47	1.79	n/a	n/a	n/a
R404A	0.23	0.3	0.45	0.53	0.52	0.75	0.9	0.98	1.31	1.59	0.45	0.53	0.52

Refrigerant Capacities (kg)

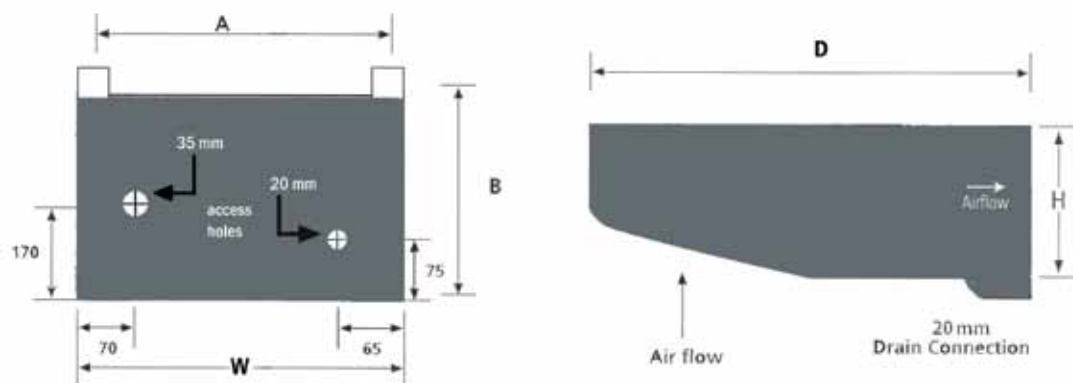
Model	PCL80	PCL100	PCL120	PCL150	PCL170	PDC45	PDC60	PDC80	PDC100	PDC120	PDC160	PDC185
R22	0.84	1.01	1.1	1.46	1.78	0.38	0.51	0.76	1.04	1.18	1.36	1.57
R134a	n/a	n/a	n/a	n/a	n/a	0.38	0.51	0.77	1.05	1.19	1.37	1.58
R404A	0.75	0.9	0.98	1.31	1.59	0.34	0.46	0.68	0.93	1.06	1.22	1.4



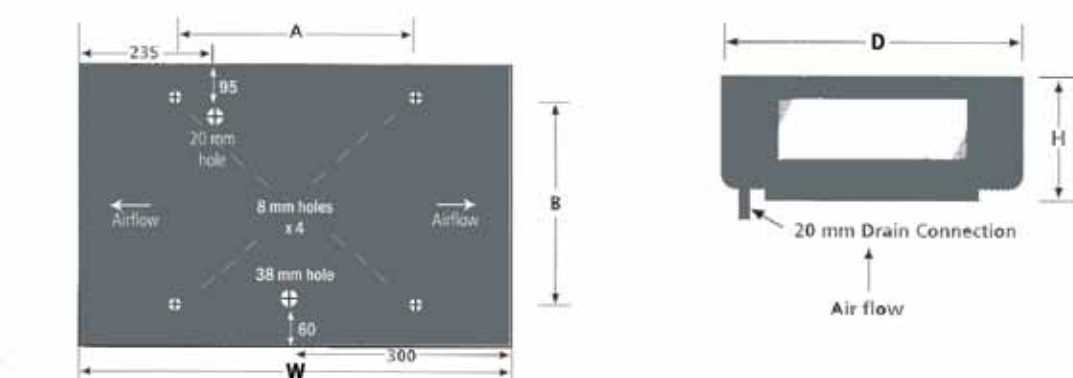
Cabinet Cooler Series

Dimensional Data

PC and PCL Series



PDC Series



A selection of our range



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