

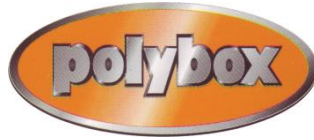
04-2014

Polybox size & layout options



Ref No	Chiller	Freezer	Layout	Overall external dimension mtrs.	m3
(all dimensions require +100mm to build , the base slab from which to build is required flat & level.)					
1212	C	F	A	1.200 x 1.200 x 2.150m high	2.2
1216	C	F	AB	1.200 x 1.600 x 2.150m high	3.0
1224	C	F	ABC	1.200 x 2.400 x 2.150m high	4.7
1228	C	F	ABCD	1.200 x 2.800 x 2.150m high	5.6
1612	C	F	AB	1.600 x 1.200 x 2.150m high	3.0
1616	C	F	A	1.600 x 1.600 x 2.150m high	4.2
1624	C	F	AB	1.600 x 2.400 x 2.150m high	6.5
1628	C	F	ABCD	1.600 x 2.800 x 2.150m high	7.7
1712	C	F	AB	1.700 x 1.200 x 2.150m high	3.3
1716	C	F	AB	1.700 x 1.600 x 2.150m high	4.5
1724	C	F	ABC	1.700 x 2.400 x 2.150m high	7.0
1728	C	F	ABCD	1.700 x 2.800 x 2.150m high	8.2
1912	C	F	AB	1.900 x 1.200 x 2.150m high	3.7
1916	C	F	AB	1.900 x 1.600 x 2.150m high	5.1
1924	C	F	ABC	1.900 x 2.400 x 2.150m high	7.9
1928	C	F	ABCD	1.900 x 2.800 x 2.150m high	9.3
2412	C	F	ABC	2.400 x 1.200 x 2.150m high	4.7
2416	C	F	ABC	2.400 x 1.600 x 2.150m high	6.5
2424	C	F	AB	2.400 x 2.400 x 2.150m high	10.1
2428	C	F	ABCDE	2.400 x 2.800 x 2.150m high	11.9
2812	C	F	ABCD	2.800 x 1.200 x 2.150m high	5.6
2816	C	F	ABCD	2.800 x 1.600 x 2.150m high	7.7
2824	C	F	ABCDE	2.800 x 2.400 x 2.150m high	11.9
2828	C	F	ABC	2.800 x 2.800 x 2.150m high	14.0
2912	C	F	ABCD	2.900 x 1.200 x 2.150m high	5.8
2916	C	F	ABCD	2.900 x 1.600 x 2.150m high	8.0
2924	C	F	ABCDE	2.900 x 2.400 x 2.150m high	12.4
2928	C	F	ABCDEF	2.900 x 2.800 x 2.150m high	14.6
3112	C	F	ABCD	3.100 x 1.200 x 2.150m high	6.2
3116	C	F	ABCD	3.100 x 1.600 x 2.150m high	8.6
3124	C	F	ABCDE	3.100 x 2.400 x 2.150m high	13.3
3128	C	F	ABCDEF	3.100 x 2.800 x 2.150m high	15.6
3612	C	F	ABCD	3.600 x 1.200 x 2.150m high	7.2
3616	C	F	ABCD	3.600 x 1.600 x 2.150m high	10.0
3624	C	F	ABCDE	3.600 x 2.400 x 2.150m high	15.5

Preferred size not listed – please ask,
we manufacture at 100mm modules – tel: 01905 458551



04-2014

Polybox technical specification



- Insulation:** Floor, walls & ceilings are 75mm thick polyurethane (PUR) foam injected panels, with tongue & groove to long edges. Each panel, including corner panels are locked together via our “polylock” system.
- Finish:** All walls & internal ceilings are finished white foodsafe pvc coated galvanised steel. External ceilings are self-colour galvanised steel. All panels are finished shallow “polyrib” profile. Floor panels are finished shallow five bar aluminium tread plate over 6mm wbp ply. (max loading 200 kilo on four soft rubber wheels.) Internal floor to wall & wall to ceiling are aluminium cove section.
- Doors:** All doors are right-hand hinged, mounted on polycarbonate self-closing hinges. Slam shut handle with integral lock & internal safety release, four-sided compression gasket. Nominal clear opening is 0.600m wide x 1.800m high. Freezer models with 240v frame heater.
- Racking:** Adjustable free-standing epoxy coated wire, 3 tier, generally 0.460m deep, to one long & one short wall. Please see layout options.
- Dimensions:** Dimensions are as detailed above & require plus 100mm on plan dimensions & height to build.
- Refrigeration:** Refrigeration equipment is self-contained, pre-engineered Blocksystem mounted on the coldroom wall within an insulated wall panel. Each system includes a bulkhead light operated via a door micro switch which also controls the refrigeration cycle. Temperature display is via an LED on the Blocksystem unit. All Blocksystems require free air supply & generate warm air. Blocksystem warranty is 12 months trade parts only. All site wiring & electrical connection is excluded. Maximum ambient is assumed at +35°C. Product entering the store is assumed at 10% of the store capacity. Chiller operating temperature is 0°C, temperature range is -5°C/+5°C. Product entering the store is assumed at maximum +20°C. Freezer operating temperature is -18°C, temperature range is -20°C/-15°C. Product entering the store is assumed to be pre-frozen.

Chiller Blocksystems

Freezer Blocksystems

Block ref No	Supply	HP	Watts absorb.	Gas	Block ref No	Supply	HP	Watts absorb.	Gas
C03	240/1/50	0.42	647	R404a	F03	240/1/50	0.80	646	R404a
C06	240/1/50	0.50	668	R404a	F06	240/1/50	1.00	876	R404a
C07	240/1/50	0.50	787	R404a	F09	240/1/50	1.50	1131	R404a
C09	240/1/50	0.75	990	R404a	F12*	240/1/50	1.50	1047	R404a
C16*	240/1/50	1.20	1229	R404a	F16*	240/1/50	2.00	1527	R404a

(*larger Blocksystem hole)

All details correct at time of publication, any specific query please ask.

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