



Rooftop Mounted Mono-block Unit



Features

1. Temperature range: 0°C ~ +10°C; -15°C ~ -25°C
2. Cooling capacity range: 1HP~2.5HP
3. Pre-charged with refrigerant
4. Automatic defrosting by hot gas
5. Defrosting water evaporate automatically
6. Isolation panel included
7. Probe alert dirty condenser
5. Branded parts
6. Cable for supply
7. Kinds of safty proectors
8. OEM service
9. 50Hz for standard

Optional

1. Winter kit
2. 60Hz

Winter kit & Wall Mounted Units is Optional



High Performance



Hot Gas Defrosting



Integrated Design



60Hz is Available



Energy Efficient



CE ETL Rooftop Mounted Mono-block Unit

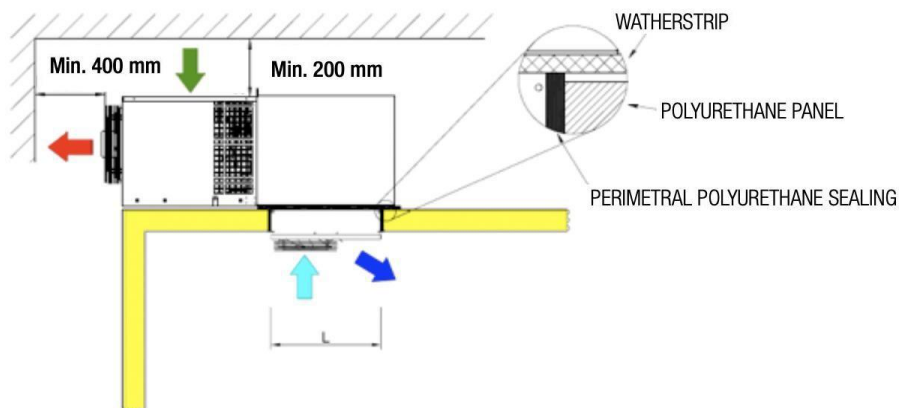
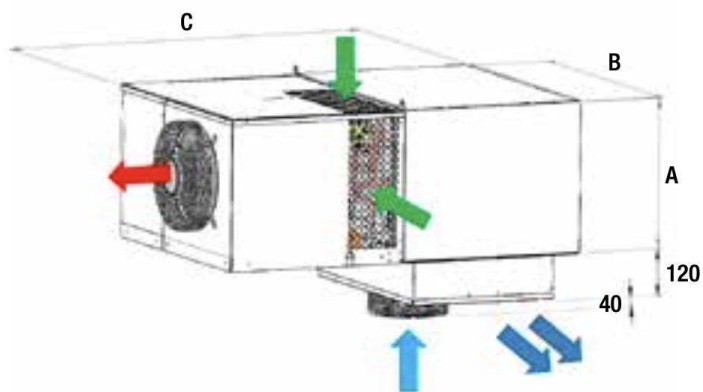


The BC series of machine, called Integrated machine for cold room, that integrate evaporator, condenser, compressor, electrical control units into one compact body. It can be widely used for small cold room of Temperature of $-5^{\circ}\text{C} \sim +10^{\circ}\text{C}$ or $-10^{\circ}\text{C} \sim -25^{\circ}\text{C}$, in hotels, restaurants, medicines, agricultural, chemicals industries all other place where cold room is needed.

Model BC~		75MB-R	100MB-R	125MB-R	150MB-R	175MB-R	200MB-R	300MB-R
Room temperature		$-5^{\circ}\text{C} \sim +10^{\circ}\text{C}$						
Cooling capacity	W	1395	1855	2011	2309	2981	4107	5527
Compressor	HP	3/4	1	1 1/4	1- 1/2	1- 3/4	2	3
	W	500	700	900	1100	1300	1500	2200
Refrigerant		R404A						
Applicable room size(Summer)	m ³	9	14	17	21	30	37	55
Applicable room size(Winter)	m ³	12	18	20	29	37	45	65
Power supply		220V-50Hz-1Ph				220V-50Hz-1Ph/380V-50Hz-3Ph		
Pre-charged refrigerant qty	Kg	<1	<1.5	<1.5	<1.5	<2	<2	<4
Related current	A	5.7	6.3	7.2	6.5	5.0	6.2	7.6
Max current	A	6.9	7.9	8.7	7.2	6.0	7.5	9.4
Air flow(Condens.& Evapora.)	m ³ /h	1100-1120	1920-2200	1920-2200	1920-2200	2270-3300	2270-3300	4540-4540
Net dimension	MM	975×695×400	1180×950×500	1180×950×500	1180×950×500	1180×950×500	1180×950×500	1180×1195×580
Packing dimension	MM	1110×800×750	1210×1040×860	1210×1040×860	1210×1040×860	1210×1040×860	1210×1040×860	1355×1330×1100
Net weight	Kg	90	110	115	115	140	140	155
Gross weight	Kg	95	135	135	135	155	155	170
Model BC~		100LB-R	150LB-R	175LB-R	200LB-R	275LB-R	400LB-R	
Room temperature		$-10^{\circ}\text{C} \sim -25^{\circ}\text{C}$						
Cooling capacity	W	940	1280	1434	1621	2513	3680	
Compressor	HP	1	1- 1/2	1- 3/4	2	2- 3/4	4	
	W	700	1100	1300	1500	2100	3000	
Refrigerant		R404A						
Applicable room size(Summer)	m ³	4	8	10	15	22	32	
Applicable room size(Winter)	m ³	6	11	15	22	27	43	
Power supply		220V-1Ph-50Hz			220V-50Hz-1Ph/380V-50Hz-3Ph			
Pre-charged refrigerant qty	Kg	<1	<1.5	<1.5	<2	<2	<4	
Related current	A	5.3	6.9	3.9	3.4	6.0	7.8	
Max current	A	6.4	8.4	4.6	4.1	7.3	9.3	
Air flow(Condens.& Evapora.)	m ³ /h	1100-1100	1920-2240	1920-2240	2270-3300	2270-3300	4540-4540	



Net dimension	MM	975×695×400	1180×950×500	1180×950×500	1180×950×500	1180×950×500	1180×1195×580
Packing dimension	MM	1110×800×750	1210×1040×860	1210×1040×860	1210×1040×860	1210×1040×860	1355×1330×1100
Net weight	Kg	90	115	115	140	140	155
Gross weight	Kg	95	135	135	155	155	170
Model		100LB-R	150LB-R	175LB-R	200LB-R	275LB-R	400LB-R
A		400	500	500	500	500	580
B		695	950	950	950	950	1195
C		975	1180	1180	1180	1180	1180
H		615	865	865	865	865	1110
L		405	405	405	405	405	505





Mono-block Cold Room Condensing Unit

Dimension

Panel cut

MM

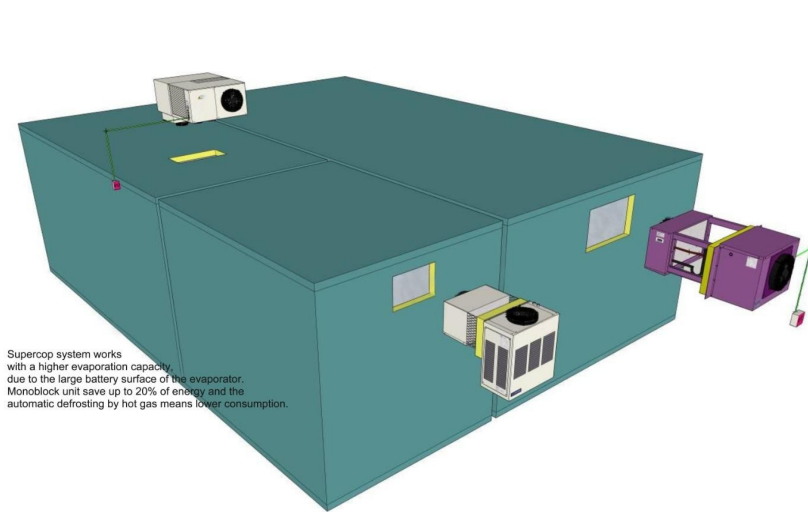
Model	75MB-R	100MB-R	125MB-R	150MB-R	175MB-R	200MB-R	300MB-R
A	400	500	500	500	500	500	580
B	695	950	950	950	950	950	1195
C	975	1180	1180	1180	1180	1180	1180
H	615	865	865	865	865	865	1110
L	405	405	405	405	405	405	505

MM



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Installation



Supercop system works with a higher evaporation capacity, due to the large battery surface of the evaporator. Monoblock unit save up to 20% of energy and the automatic defrosting by hot gas means lower consumption.



