

# LYJ Series Mono-blocks for Cold Storage

## 1. Product description

We have 2 sub series product of LYJ mono blocks, one is wall mounting type, and the other is roof top type or ceiling mounting type one. This manual is specially made for our roof top mono block series products, which can be used for small cold rooms of temperature of  $-5^{\circ}\text{C}\sim 5^{\circ}\text{C}$  or  $-15^{\circ}\text{C}\sim -20^{\circ}\text{C}$ , in hotels, restaurants, medicines, agricultural, chemicals industries all other place where cold storage is needed.

## 2. Features

3. It is compact in structure, save installation space. That integrates evaporator, condenser, compressor, electrical control units into one compact body.

With world famous brand hermetic compressors and refrigeration parts for all products;

Heat exchangers with high efficient in grooved copper tube and aluminum fins;

Intellectual controls with automatic temperature set, temperature control.

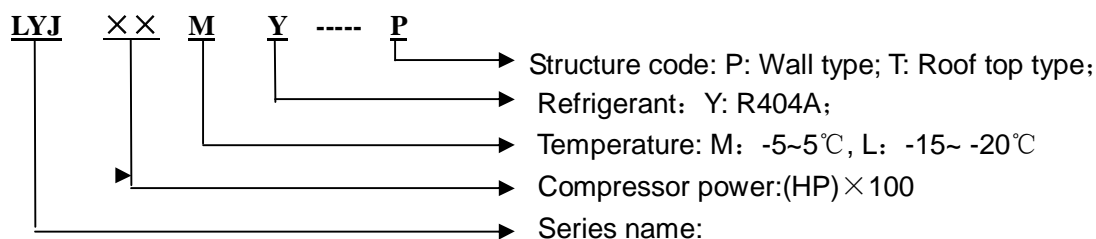
Protection devices for over loading, sub-heating, lack of phase, high & low pressure etc.

Easy, labor saving for installation;

Hot gas defrosting

Refrigerant R404a

## 3. Model code



## Roof top type

### Roof top type Specifications

Model	LYJ50MY-T	LYJ63MY-T	LYJ100MY-T	LYJ125MY-T	LYJ175MY-T	LYJ275MY-T	LYJ350MY-T
Capacity (W)	810	1050	1560	2230	2950	4400	5200
Input (KW)	0.85	1.1	1.3	1.75	2.52	3.33	4.2
Power supply	220V/50HZ					380V /50HZ	
Temperature	0~5 $^{\circ}\text{C}$						
Condenser fan(W)	1 $\times$ 75	1 $\times$ 75	1 $\times$ 80	1 $\times$ 80	1 $\times$ 80	2 $\times$ 80	2 $\times$ 80
Evaporator fan(W)	1 $\times$ 75	1 $\times$ 75	1 $\times$ 80	1 $\times$ 80	1 $\times$ 80	2 $\times$ 80	2 $\times$ 80
Defrost type	Hot gas						
Throttling	Expansion Valve						
Refrigerant	R404A						
	73	75	118	122	145	190	195

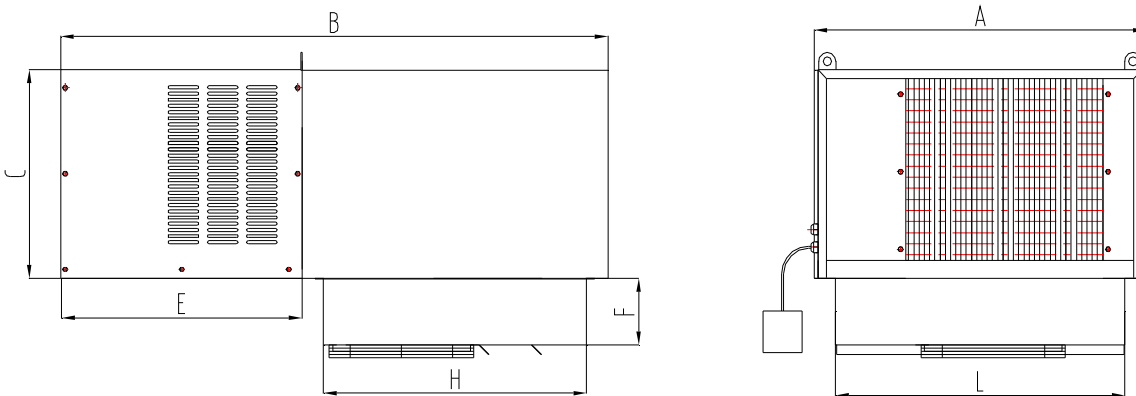
Model	LYJ50LY-T	LYJ63LY-T	LYJ100LY-T	LYJ150LY-T	LYJ200LY-T	LYJ300LY-T
Capacity (W)	550	660	750	1050	1580	2060
Input (KW)	0.63	0.71	1.04	1.35	2.01	2.63
Power supply	220V/50HZ					380V /50HZ
Temperature	-18~-20℃					
Condenser fan(W)	1×75	1×75	1×80	1×80	1×80	2×80
Evaporator fan(W)	1×75	1×75	1×80	1×80	1×80	2×80
Defrost type	Hot gas					
Throttling	Expansion Valve					
Refrigerant	R404A					
	73	75	118	122	155	168

Note: The Cap test condition of LYJ××MY is: Te/Tcon: -7℃/45℃. The Cap test condition of LYJ××LY is: Te/Tcon: -25℃/45℃.

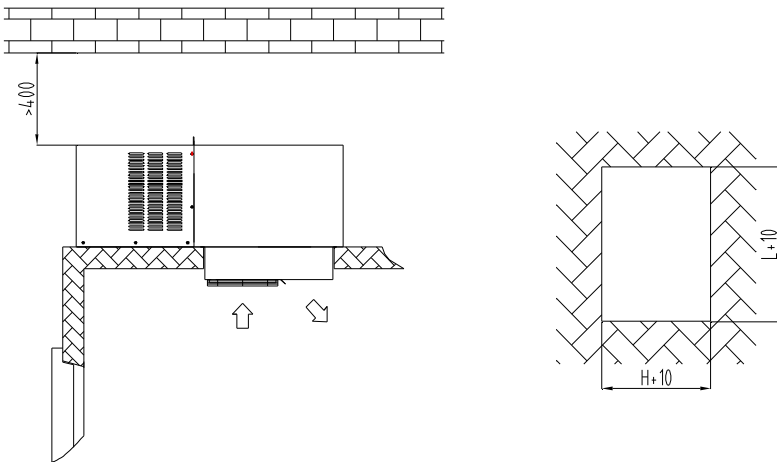
℃. The capacity test condition of LYJ××LY is: Te/Ta: -25℃/32℃.

## 5. Diagrams for Overall sizes

### I . Overall sizes



### II . Installation sizes



### III. Overall and installation size

Model	LYJ50MY-T	LYJ63MY-T	LYJ100MY-T	LYJ125MY-T	LYJ175MY-T	LYJ275MY-T	LYJ350MY-T
A	580	580	760	760	760	1140	1140
B	1031	1031	1251	1251	1251	1251	1251
C	371	371	471	471	471	471	471
E	481	481	551	551	551	551	551
F	150	150	150	150	150	150	150
L	482	482	662	662	662	1042	1042
H	452	452	602	602	602	602	602

Model	LYJ50LY-T	LYJ63LY-T	LYJ100LY-T	LYJ150LY-T	LYJ200LY-T	LYJ300LY-T
A	580	580	760	760	760	1140
B	1031	1031	1251	1251	1251	1251
C	371	371	471	471	471	471
E	481	481	551	551	551	551
F	150	150	150	150	150	150
L	482	482	662	662	662	1042
H	452	452	602	602	602	602