

ThermoJinn

AIOB
Environmental Control



A01R Ceiling Mounting

MonoBlocks on the Roof



✓ *Quick installation*

✓ *Cold room Space completely free with units on the top*

✓ *The white color of the evaporator blends with the walls of the cold room*

✓ *Extremely quick to install, reducing times and costs of installation*

✓ *Best surface-capacity ratio*

✓ *Remote control, user friendly interface*

Product Information

A01R series Monoblock applies to cold storages with space available on the top. Cases of the Monoblock are with Epoxy sprayed steel plates. And conjunction part of evaporator and condenser unit is using insulated heat-rejected boxes. Hermetic piston compressors are applied, with R404A as the refrigerant.



Easy Installation

Best Application range:

- medium/low temp (-25~10 °C)
- storage (10~70m³)
- roof top installation



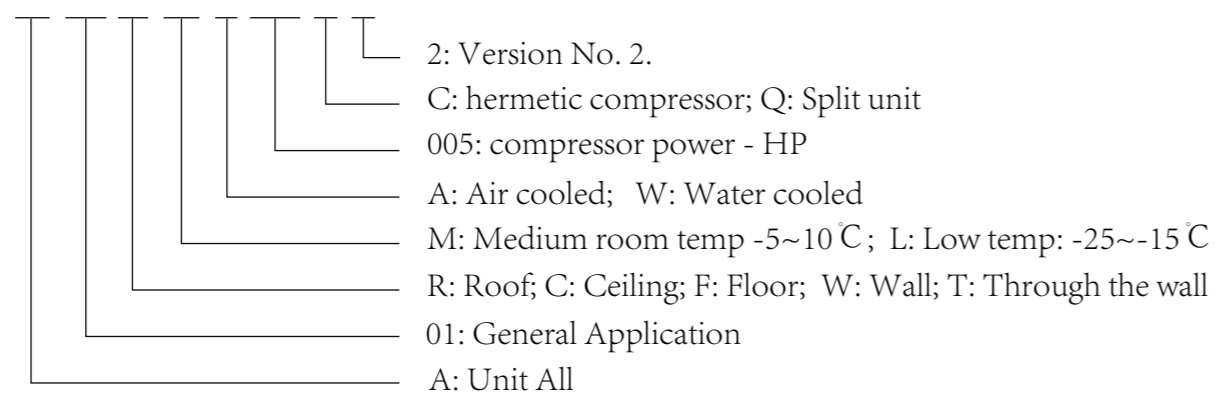
quick connector



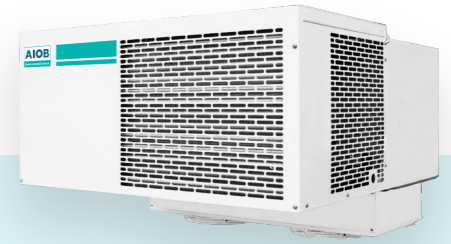
Easy to be Managed

Model naming (complete model code should be noted in the order)

A 01 R M A 005 C 2



Standard Configuration



- Low noise Hermetic compressor
- One time formulation casing for evaporator
- Auto defrosting system
- Condenser over-dirt alarm system
- Condensate water evaporation tray
- Expansion through capillary tube
- Filter on the liquid line
- Cold room light and bulb
- Cable for door micro switch
- Cable for door switch heater on low temperature units
- High- and low-pressure switches
- Remote electronic control panel

Optional accessories and configuration.

Power supply:

- 230/1~/50
- 400/3N~/50
- 208-230/1~/60
- 230/3~/50
- 208-230/3~/60
- 440-460/3N~/60
- 440-460/3~/60
- 108-115/1~/60

Condensation type:

- Air + Axial Fan
- Air + Centrifugal fan
- City water with pressure valve

Winter Kit, low ambient temperature accessories:

- Crankcase heater + Condenser fan pressure switch + Double solenoid valve for defrosting
- Crankcase heater + Pressure controlled condenser fan speed regulator + Double solenoid valve for defrosting

Electrical accessories:

- Prearrangement for supervision system

Accessories kit:

- Audible and visual alarm
- Remote control panel for 2-3-4 units

PRODUCT PARAMETERS

Medium Temperature Units - AIR COOLED type



Model	RMA012C2	RMA015C2	RMA018C2	RMA025C2	RMA027C2	RMA030C2	RMA035C2
Compressor (HP)	1.2HP	1.5HP	1.8HP	2.5HP	2.7HP	2.7HP	3.5HP
Power supply	220v/1p/50hz	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz
Condenser Air flow rate (m3/h)	1690m3/h	1690m3/h	2300m3/h	2300m3/h	3700m3/h	3700m3/h	3700m3/h
Evaporator air flow rate (m3/h)	1490m3/h	1490m3/h	3700m3/h	3700m3/h	3700m3/h	5500m3/h	5500m3/h
Installation power (kw)	1.22kw	1.395k2	1.849kw	2.329kw	2.58kw	2.7kw	3.49kw

LOW Temperature Units - AIR COOLED type

Model	RLA020C2	RLA027C2	RLA040C2	RLA050C2	RLA060C2
Compressor (HP)	2HP	2.7HP	4HP	5HP	6HP
Power supply	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz
Condenser Air flow rate (m3/h)	1690m3/h	2300m3/h	3700m3/h	3700m3/h	3700m3/h
Evaporator air flow rate (m3/h)	1490m3/h	3700m3/h	3700m3/h	5550m3/h	5550m3/h
Installation power (kw)	1.581kw	2.095k2	2.579kw	3.101kw	4.078kw

Medium Temperature Units - WATER COOLED type



Model	RMW012C2	RMW015C2	RMW018C2	RMW025C2	RMW027C2	RMW030C2	RMW035C2
Compressor (HP)	1.2HP	1.5HP	1.8HP	2.5HP	2.7HP	2.7HP	3.5HP
Power supply	220v/1p/50hz	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz	380v/3p/50hz
Evaporator air flow rate (m3/h)	1490m3/h	1490m3/h	3700m3/h	3700m3/h	3700m3/h	5500m3/h	5500m3/h
Installation power (kw)	1.135kw	1.31k2	1.72kw	2.2kw	2.4kw	2.52kw	3.3149kw

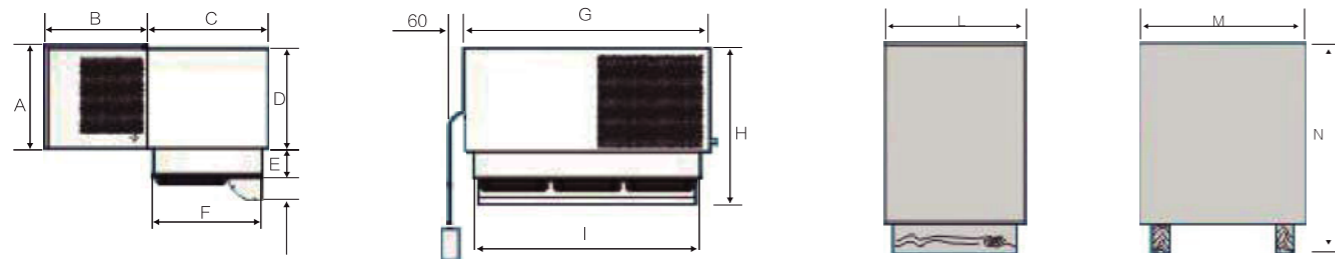
LOW Temperature Units - WATER COOLED type

Model	RLW020C2	RLW027C2	RLW040C2	RLW050C2	RLW060C2
Compressor (HP)	1.2HP	1.5HP	1.8HP	2.5HP	2.7HP
Power supply	400v/3p/50hz	400v/3p/50hz	400v/3p/50hz	400v/3p/50hz	400v/3p/50hz
Evaporator air flow rate (m3/h)	1490m3/h	3700m3/h	3700m3/h	5550m3/h	5550m3/h
Installation power (kw)	1.469kw	1.966k2	2.399kw	2.921kw	3.898kw

HOW TO INSTALL AIOB MONO BLOCK

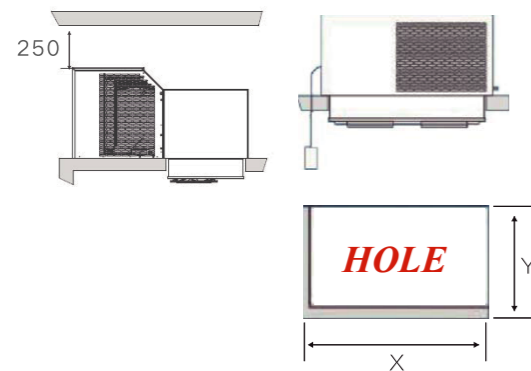
The installation of the A01Rseries mono block is on the roof of the cold room. The body of the evaporator part is designed to be placed in the hole created in the roof of the cold room. The condensing part lays on the top of the cold room.

The unit must be positioned in an environment with good air circulation, away from high heat sources and away from obstacles that could limit the possibility of good suction and equally good discharge of the treated air.

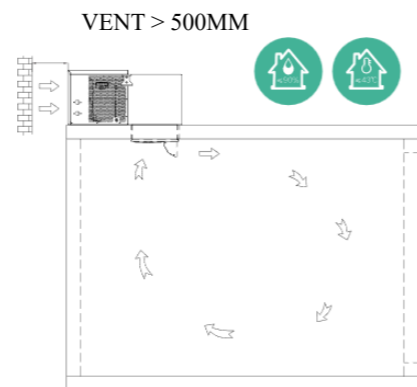


Mod./mm	A	B	C	D	E	F	G	H	I
A01R	390	427	382	360	122	332	820	618	745
	427	457	502	410		452		668	
	540	541		520		922	784		
	542	542	455	1075		785	1000		

L	B	N	WEIGHT (KG)	V (M3)
920	980	710	76	0.69
1070		750	93	0.84
1155	1080	872	110	1.1
1192	1192	890	162	1.4



Mod./mm	X	Y
M A/W 012 015	750	338
L A/W 020		
M A/W 018 025	750	458
L A/W 027		
M A/W 027		
L A/W 040		
M A/W 030 035	1005	460
L A/W 050 060		



APPLICATION





ThermoJinn

PARTNER OF AIOB GROUP.

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