

MONOBLOCK PACKAGED REFRIGERATION SYSTEM



R448A

R449A

R454C

R290



Boyard's monoblock packaged condensing systems are designed for commercial walk-in cooler and freezer cold rooms. Boyard offers both fixed and variable frequency units, with horsepower ranging from 1 to 3HP, catering to various cooling needs. The monoblock systems feature easy installation with a plug-and-play design, eliminating the need for welding or refrigerant charging. Throttling control is managed by an electronic expansion valve, and defrosting is handled by a four-way valve, with the defrosting scheme either scheduled or done as required. Boyard's monoblock packaged condensing systems provide efficient, reliable, and flexible cooling solutions for commercial applications. For specific requirements, Boyard customize the systems quickly to meet unique needs.



Fixed frequency units and variable frequency units, horsepower covers 1~3HP



Throttling control by electronic expansion valve



Condensate water can be self-evaporated

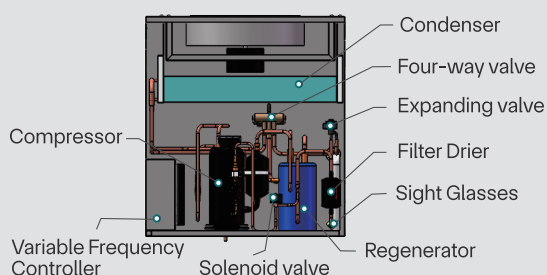


Easy installation, plug and play, no need for welding or refrigerant charging

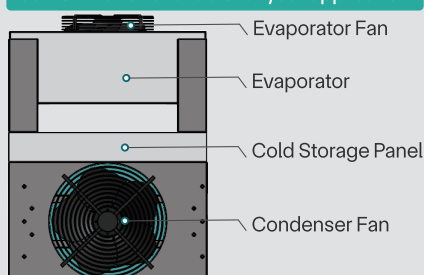


Defrosting by four-way valve and defrosting can be operated or scheduled as required

Power Supply	Refrigerant	Cooling Capacity					
		0KW	1KW	2KW	3KW	4KW	5KW
1PH 220V 50~60Hz	R448A/R449A/R454C		1HP	2HP	3HP	4HP	5HP
1PH 220V 50~60Hz	R290						



Customization available for your application



BOYARD

R290 Variable Frequency Monoblock Unit

Model		BYGD-010 -QHD-SZPP	BYGD-015 -QHD-SZPP	BYGD-020 -QHD-SZPP	BYGD-010 -QHM-SZPP	BYGD-015 -QHM-SZPP	BYGD-020 -QHM-SZPP	BYGY-010 -HIM-RZPP
Power Supply		1PH 220V 50/60 Hz						
Input Power(W)		1050	1600	1960	1050	1600	1960	1050
Refrigerant		R290						
Evaporating Temp (°C)		-40~-5			-20~-5			
Structure		Top-mounted						Wall-mounted
Product size(mm)		800*676*690		940*676*820	800*676*690		940*676*820	515*905*620
Capacity (W)	Evap.Temp -10℃	1760	2200	2710	1760	2200	2710	1760
	Evap.Temp -35℃	700	855	1065	/	/	/	/

R448A/R449A/R454C MBP/LBP Variable Frequency Monoblock Unit

Model		BYGY-010 -QXD-RZDP	BYGY-015 -QXD-RZDP	BYGY-020 -QXD-RZDP	BYGY-030 -QXD-RZDP	BYGD-010 -QHD-SZDP	BYGD-015 -QHD-SZDP	BYGD-020 -QHD-SZDP
Power Supply		1PH 220V 50/60 Hz						
Input Power(W)		1250	1600	2000	2600	1250	1600	2000
Refrigerant		R448A/R449A/R454C						
Evaporating Temp (°C)		-40~-5						
Structure		Wall-mounted				Top-mounted		
Product size(mm)		685*905*730		875*930*730		800*676*690		940*676*820
Capacity (W)	Evap.Temp -10°C	2000	2650	3300	3935	2000	2650	3300
	Evap.Temp -35°C	720	1040	1260	1415	720	1040	1260

R448A/R449A/R454C MBP Variable Frequency Monoblock Unit

Model		BYGY-010 -QXM-RZDP	BYGY-015 -QXM-RZDP	BYGY-020 -QXM-RZDP	BYGY-030 -QXM-RZDP	BYGD-010 -QHM-SZDP	BYGD-015 -QHM-SZDP	BYGD-020 -QHM-SZDP
Power Supply		1PH 220V 50/60 Hz						
Input Power(W)		1250	1600	2000	2600	1250	1600	2000
Refrigerant		R448A/R449A/R454C						
Evaporating Temp (°C)		-20~-5						
Structure		Wall-mounted				Top-mounted		
Product size(mm)		685*905*730			857*930*730	800*676*690		940*676*820
Capacity (W)	Evap.Temp -10°C	2000	2650	3000	3935	2000	2650	3300

R448A/R449A/R454C Fixed Frequency Monoblock Unit

Model		BYGY-020-QXM-RYDP	BYGD-020-QHM-SYDP	BYGY-020-QXD-RYDP	BYGD-020-QHD-SYD
Power Supply		1PH 220V 50/60 Hz			
Input Power(W)		1800			
Refrigerant		R448A/R449A/R454C			
Evaporating Temp（℃）		-20~-5		-40~-5	
Structure		Wall-mounted	Top-mounted	Wall-mounted	Top-mounted
Product size(mm)		685*905*730	940*676*820	685*905*730	940*676*820
Capacity（W）	Evap.Temp -10℃	2500	2500	2500	2500
	Evap.Temp -35℃	/	/	985	985