Maxcool

BFT Series

Horizontal Rotary Condensing Units

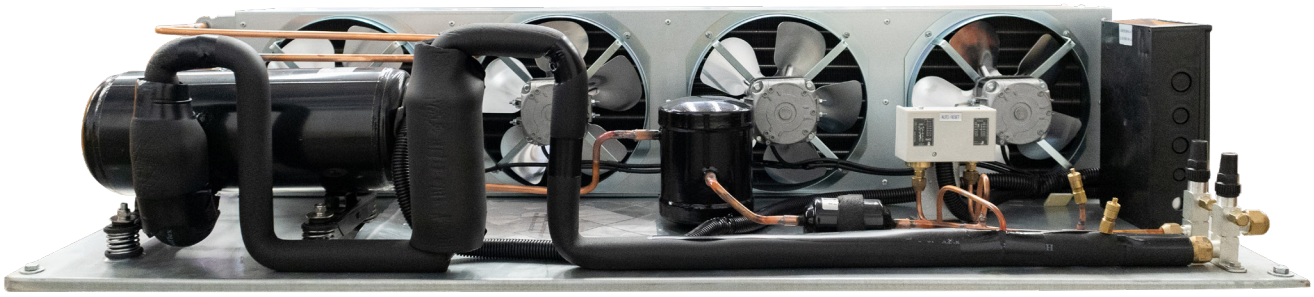
for Medium & Low Temperature Applications

Product by

Sangchai Group

Your Refrigeration
& Electrical Solutions

Maxcool



BFT Series

Horizontal Rotary

Condensing Units (1.0-3.0HP)

for Medium & Low Temperature Applications

Small Cold Room, Open Showcase
Refrigerator , Glassdoor Refrigerator,

Feature

1. Perfect unit design: Suitable for any showcase designs
2. Convenient installation: Compact size and fast installation then low your installation and labor cost
3. Fast cooling speed and low heat transfer temperature difference: Ensure the appearance, color, nutrition and flavor of food to achieve and cold storage
4. High efficiency hydrophilic membrane aluminum foil and heat exchanger: Less injection amount of refrigerant
5. Flexible control
6. Corrosion resistance
7. Noise reduction

Horizontal Rotary Condensing Units

for Medium and Low Temperature Applications

BFT Series

Model		BFT-FMP10	BFT-FMP15	BFT-FLP20	BFT-FLP25	BFT-FLP30
Operation Range	(°C)	-30 to 0	-30 to 0	-30 to 0	-30 to 0	-30 to 0
HP		1.0	1.5	2.0	2.5	3.0
Application : Medium temperature		Design condition (Te/Tc, °C) : -5/45				
Capacity	(W)	1,800	2,600	3,325	3,500	4,500
Power input	(W)	820	1,280	1,570	1,650	2,040
COP	(W/W)	2.20	2.03	2.12	2.12	2.21
Application : Low temperature		Design condition (Te/Tc, °C) : -30/45				
Capacity	(W)	600	1,200	1,140	1,200	1,500
Power input	(W)	590	1,190	1,100	1,150	1,420
COP	(W/W)	1.02	1.01	1.04	1.04	1.06
Power Supply						
Phase		Single phase				
Voltage	(V)	220				
Frequency	(Hz)	50				
Compressor						
Compressor		QYGTL-D159Y	QYGTL-D20Y	QYGSL-F325Y	QYGSL-F325Y	QYGSL-F413Y
Running capacitor		45μF/450V	45μF/450V	50μF/450V	50μF/450V	60μF/450V
Refrigerant		R404A	R404A	R404A	R404A	R404A
Maximum refrigerant amount	(g.)	2,400	2,400	2,000	2,300	3,000
Fan Motor						
Number of fan		2	2	3	3	4
Diameter	(mm.)	230	230	230	230	230
Total fan motor power	(W)	120	120	180	180	240
Others						
Liquid line	(inch)	1/2	1/2	5/8	5/8	5/8
Return gas line	(inch)	3/8	3/8	3/8	3/8	3/8
Weight	(kg.)	75	80	90	95	100
Cooling Capacity	(W)	at 45°C Condensing Temperature				
Evaporating Temperature (°C)	0	2,200	3,000	4,040	4,250	5,400
	-5	1,800	2,600	3,325	3,500	4,500
	-10	1,500	2,250	2,850	3,000	3,800
	-15	1,375	2,000	2,280	2,400	3,000
	-20	1,250	1,700	1,900	2,000	2,400
	-25	900	1,400	1,425	1,500	2,000
	-30	600	1,200	1,140	1,200	1,500
External Dimension						
Width	(mm.)	790	790	1040	1140	1350
Depth	(mm.)	520	520	560	560	560
Height	(mm.)	280	280	280	280	280

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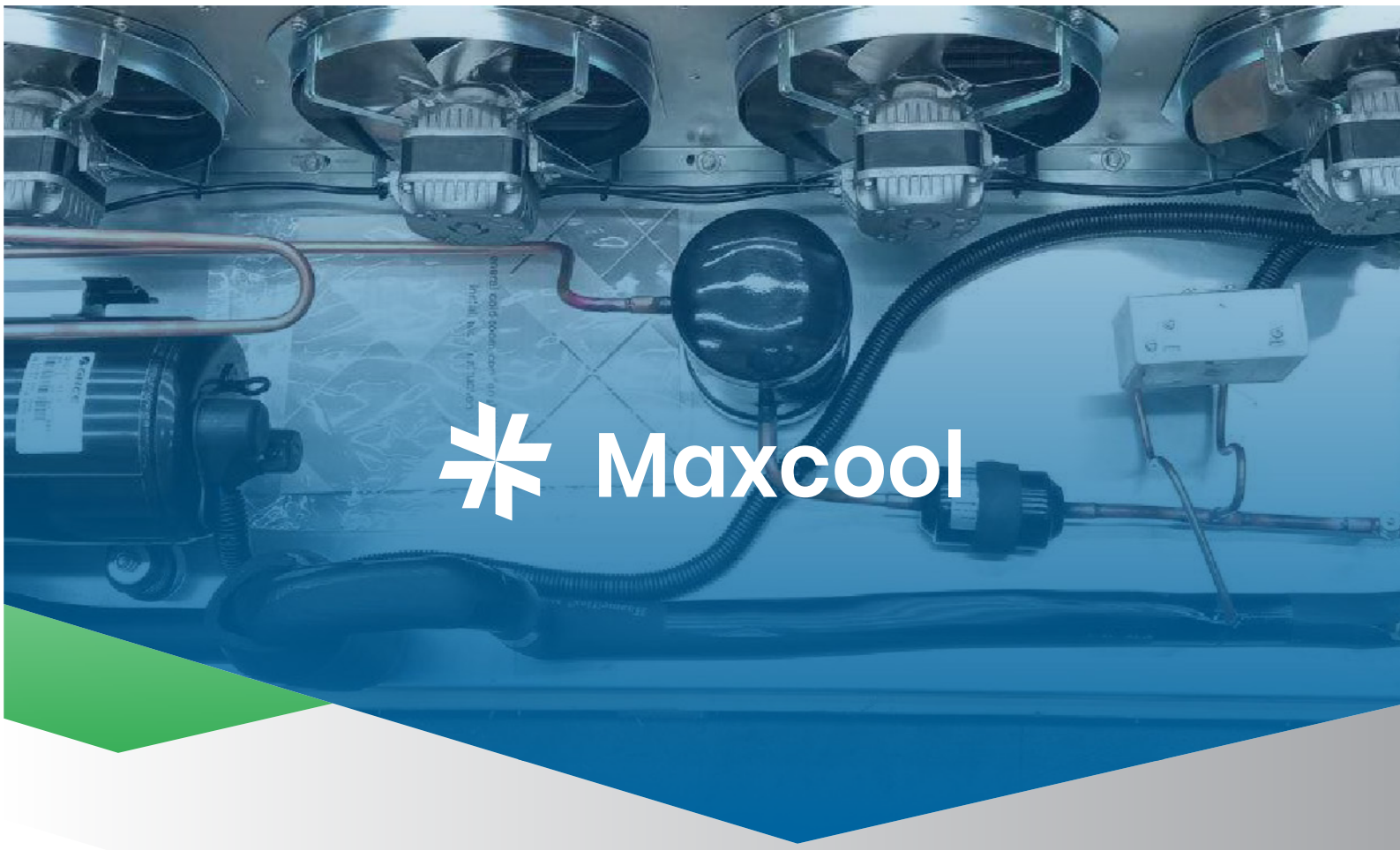

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