





Inverter Refrigeration







CONTACT REFCAB SOLUTIONS

TODAY FOR A QUOTE 084 588 8272

PRIMST®

Inverter Refrigeration

SINCE 1988



INVERTER REFRIGERATION SYSTEM

We Make the Complicated System Simple!

RefCab Solutions



WE PRODUCE

Basedin Eastern China, Anhui Yangzi Air Condition-ingCo., Ltd. is your premier partner for comprehensive HVAC-R solutions. We specialize in the end-to-end development and manufacturing of everything from residential air conditioners to large-scale commercial refrigeration systems. Our competitive edge lies in continuous technical innovation, enabling us to deliver products that redefine industry standards. We are committed to four core pillars: uncompromising reliability, optimal energy savings, superior comfort, and environmental responsibility through low GWP refrigerants.

CERTIFICATION HONOR



- DC Inverter technology, intelligent control
- Hot gas defrosting
- Precise room temperature control
- 3 3-Steps Easy installation (Piping/wiring connection--vaccumning--Power On)
- WIFI Remote Control
- Single Unique dual stage compressor, freezing down to -50℃
- 60°C Wide ambient temperature applicable -45℃ to 60 ℃



MAIN CATEGORIES

- Fresh Keeping -5℃
- Fast Freezing -20℃
- Deep Freezing -50℃



AI Inverter

Intelligent Reverse Defrosting

-50℃ Cryogenic Quick-Freezing

±0.5℃ Precision Temperature Control

ENERGY SAVING UP TO 50%

Quiet Operation

Durable and Rellable Structure

Energy Saving

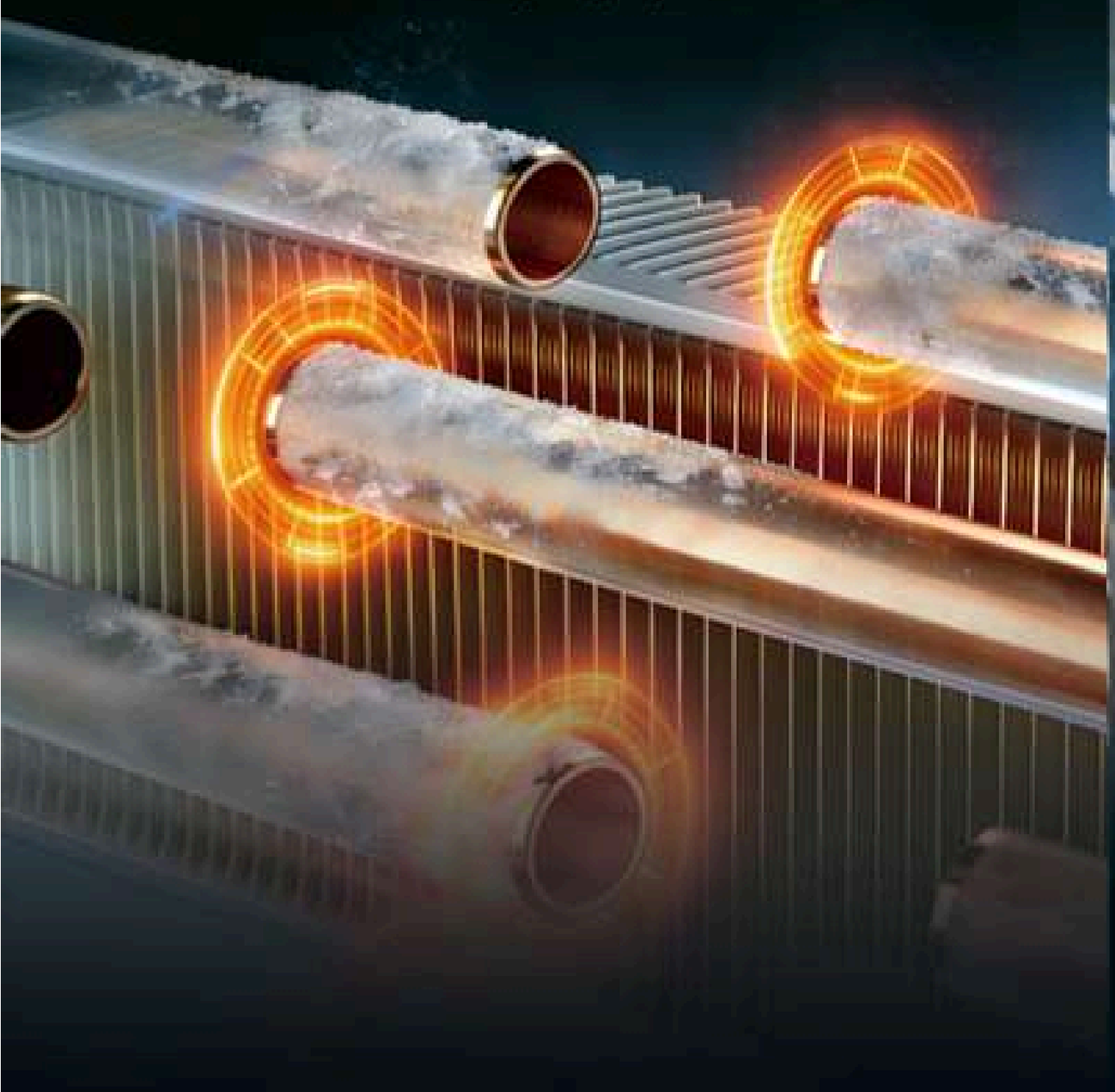
WIFI REMOTE CONTROL



NO HEATING ELLIMENT

AUTOANDINTELLIGENTCONTROLLED DEFROSTINGPROGRAM
DEFROSTING REDUCED BY 80%

Energy Saving | High Efficient | Stable



FAST COOLING

BIG AIR CIRCULATION VOLUME

1 DEHUMIDIFY ➤ 2 COOL DOWN



VITA FRESH

-50℃ DEEP LIVE CELLS FREEZING LOCK NUTRITION

UNIQUE DUAL STAGE DC INVERTER COMPRESSOR



QUICK FROZEN FOR 30 MINUTES
LIVE FISH REMAINS ALIVE

PRECISE TEMPERATURE CONTROL

STABLE TEMPERATURE CONTROL FOOD STORAGE UNDER PRECISE TEMPERATURE ASSURES

VITA FRESH



WIDE COLD ROOM TEMPERATURE，MULTI USAGE

Inverter Refrigeration Unit Triple Applications Warming/Chilling/Freezing

-50°C~40°C

Fast & Deep freezing

FREEZING DOWN





WIDE RANGE OF APPLICATIONS

PRIMST REF. UNIT APPLICABLE FOR:



Agriculture Industries



Bakery Industry



Floriculture Industry



Frozen and Processed Food



Fruits & Vegetables Industry



Meat & Poultry



Milk & Dairy Products



Pharmaceutical Companies



Seafood Companies

SMART CONTROL

Smart Wire Controller





Set room temperature, set cooling or heating, check running status, adjust parapeters CheCk error codes.

WIFI REMOTE CONTROL

Connect App, Remote control

Easy Control on Hand

OTA Timer Temp. Set Power Meter Alarm

OFC Copper VS Normal Copper

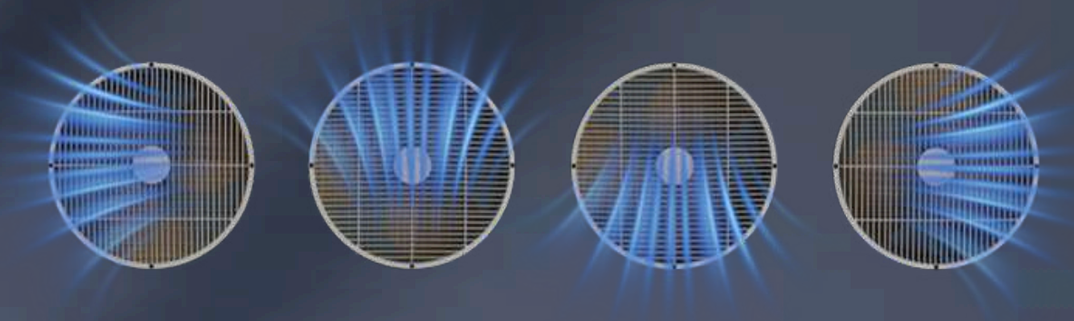
OFC Copper：
Strong resistance
for oxidation & corrosion

Normal Copper：
Light resistance
for oxidation & corrosion



360°ADJUSTABLE AIR BLOW

Flexible air blow
for different cold storage applications



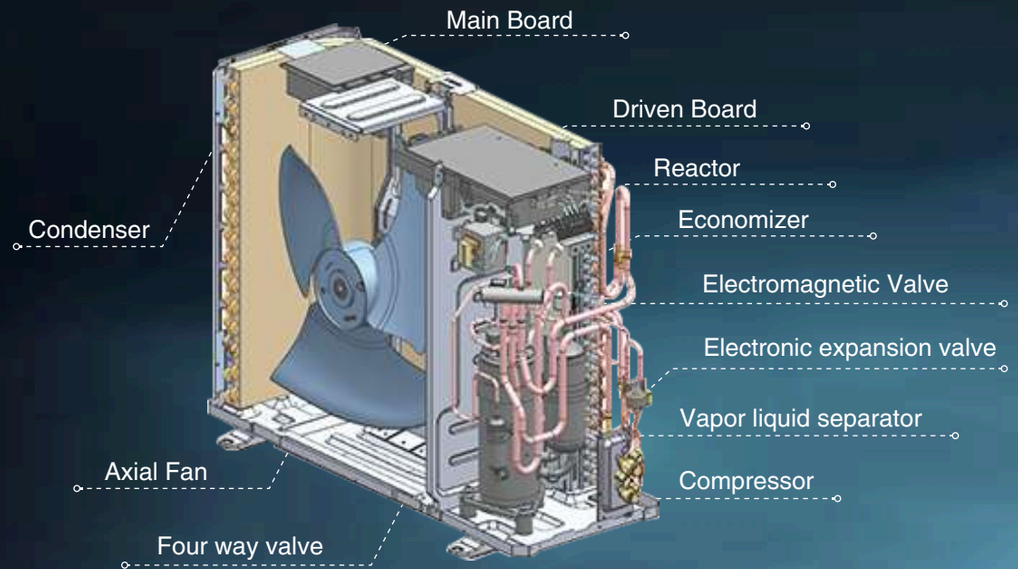
SS 304 UNIT COOLER DESIGNED FOR

Anti-corrosion and food safety



CONDENSING UNIT

◎ Key components



◎ Extraordinary Features

PRIMST CONDENSING UNIT

Assembly Type
System configuration，Easy assembly

Defrosting Method
Intelligent reverse defrosting

Power Supply Mode
Hybrid Power（ElectricityPowered & Solar Power)

Cold Room Temperature Fluctuation
Thetemperaturefluctuationofreversedefrostingis within 1°C

VS

TRADITIONAL CONDENSING UNIT

Assembly Type
Manual assembly

Defrosting Method
Manual defrosting

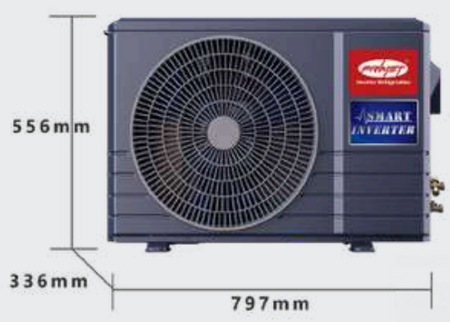
Power Supply Mode
Electricity powered

Cold Room Temperature Fluctuation
Thetemperaturefluctuationofthetraditionalfrosting is around 4°C

R32 R410A

TECHNICAL SPECIFICATION

PISC-02Wa1/O



PISC-02Wa1/I



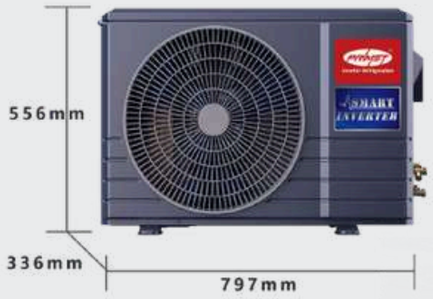
Mo d el	PISC- 0 2 Wa1
C ap ac it y(H P)	2
Norminal Heating Capacity	6500W
Norminal Cooling Capacity (Room27℃Ambient32℃)	6000W(450-6000)
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)
	32℃
20℃	4800
15℃	4200
10℃	3600
5℃	2700
0℃	2200
-5℃	2000
Temp. Set Range	+40℃~-5℃
Applicable Volume（0℃）	≤45m³
Stuff Q'ty（0℃）	≤9Ton
Ambient Range	-15℃~+65℃
Power Supply	220V/50~60HZ
Power Consumption	320 W~2100 W
Max Current	9.5A
Gas / A mo ut	R410a/850g
Pipe (Grooved)	Φ6/Φ9

Inverter Condensing Unit		PISC-02Wa1/O
Condensing Unit	Air Volume	1850 m³/h
	Net Weight	26 kg
	No ise	38~54 dB(A)
	Flow Control	Capillary Tube
	L*H*W	797*556*336mm

Inverter Air Blower		PISC-02Wa1/I
Air Blower	Air Volume	2000 m³/h
	Power Supply	220V/50~60HZ
	No ise	42~50 dB(A)
	Motor Power	75 W
	Defrost Power	500W
	Unit Weight	19kg/21.9kg
	L*H*W	713*578*387mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-03Wa1/O



PISF-03Wa1/I



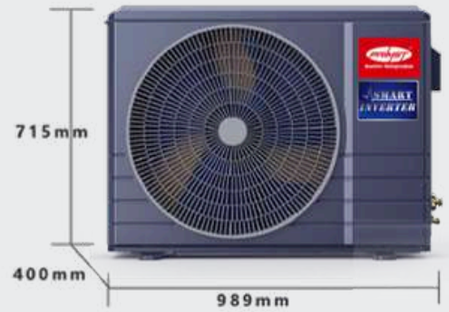
Mo d el	PISF - 0 3 Wa1			
C ap ac it y(H P)	3			
Norminal Heating Capacity	7500W			
Norminal Cooling Capacity (Room27℃Ambient32℃)	7000W(400-7000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40 ℃	45℃	50℃
20℃	5600	5050	4750	4500
15℃	5100	460	4350	4100
10℃	4800	0	4100	3850
5℃	4500	4350	3650	3450
0℃	4200	3900	3570	3360
–5℃	3700	3780	3000	2960
–10℃	3000	3330	2550	2400
–15℃	2300	2700	1950	1850
–20℃	1800	2100	1550	1450
Temp. Set Range	16~40℃~-20℃			
Appicable Volume (0℃)	≤50m³			
Stuff Q'ty (0℃)	≤10Ton			
Appicable Volume (-20℃)	≤25m³			
Stuff Q'ty (-20℃)	≤5Ton			
Ambient Range	–35℃~+65℃			
Power Supply	220V/50~60HZ			
Power Consumption	320 W~3400 W			
Max Current	15.5A			
Gas / A mo ut	R410a/980g			
Pipe (Grooved)	Φ6/Φ9			

Inverter Condensing Unit		PISF-03Wa1/O
Condensing Unit	Air Volume	1850 m³/h
	Net Weight	26 kg
	No ise	38~54 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	797*556*336mm

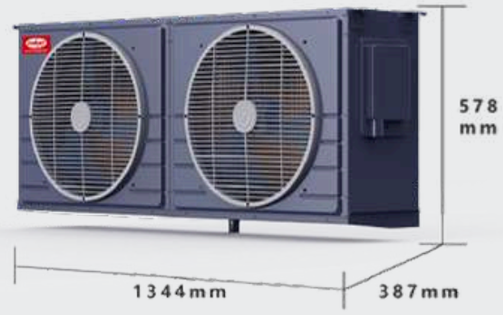
Inverter Air Blower		PISF-03Wa1/I
Air Blower	Air Volume	2000 m³/h
	Power Supply	220V/50~60HZ
	No ise	42~50 dB(A)
	Motor Power	75 W
	Defrost Power	500W
	Unit Weight	19kg/21.9kg
	L*H*W	713*578*387mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-04Wa1/O



PISF-04Wa1/I



Mo d el	PISF - 0 4 Wa1			
C ap ac it y(H P)	4			
Norminal Heating Capacity	8500W			
Norminal Cooling Capacity (Room27℃Ambient32℃)	8000W(600-8000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	7300	6600	6200	5850
15℃	7000	6300	6000	5600
10℃	6600	5950	5600	5300
5℃	6200	5400	5100	4800
0℃	5500	4500	4250	4000
–5℃	4800	4050	3800	3600
–10℃	4000	3600	3400	3200
–15℃	3200	2900	2700	2550
–20℃	2800	2500	2400	2250
Temp. Set Range	+40℃~-20℃			
Appicable Volume (0℃)	≤70m³			
Stuff Q'ty (0℃)	≤14 Ton			
Appicable Volume (-20℃)	≤30m³			
Stuff Q'ty (-20℃)	≤6 Ton			
Ambient Range	–35℃~+65℃			
Power Supply	220V/50~60HZ			
Power Consumption	450 W~4200 W			
Max Current	19.1A			
Gas / A mo ut	R410a/1100g			
Pipe (Grooved)	Φ6/Φ9			

Inverter Condensing Unit		PISF-04Wa1/O
Condensing Unit	Air Volume	3800 m³/h
	Net Weight	42 kg
	No ise	40~56 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	989*715*400mm

Inverter Air Blower		PISF-04Wa1/I
Air Blower	Air Volume	4000 m³/h
	Power Supply	220V/50~60HZ
	No ise	46~52 dB(A)
	Motor Power	150 W
	Defrost Power	800W
	Unit Weight	32.2 kg/36.4kg
	L*H*W	1344*578*387mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-05Wa1/O



PISF-05Wa1/I



Mo d el	PISF - 0 5 Wa1			
C ap ac it y(H P)	5			
Norminal Heating Capacity	11500W			
Norminal Cooling Capacity (Room27℃Ambient32℃)	11000W(600-11000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	9000	8100	7650	7200
15℃	8200	7400	7000	6550
10℃	7600	6850	6450	6100
5℃	6900	5850	5500	5200
0℃	6200	5200	4950	4650
–5℃	5600	4800	4500	4250
–10℃	4800	4300	4100	3850
–15℃	4200	3800	3600	3350
–20℃	3600	3250	3050	2900
Temp. Set Range	+40℃～-20℃			
Appicable Volume（0℃）	≤90m³			
Stuff Q'ty（0℃）	≤18 Ton			
Appicable Volume（-20℃）	≤50m³			
Stuff Q'ty（-20℃）	≤10 Ton			
Ambient Range	–35℃～+65℃			
Power Supply	220V/50~60HZ			
Power Consumption	450 W～4800 W			
Max Current	21.8A			
Gas / A mo ut	R410a/1200g			
Pipe (Grooved)	Φ6/Φ9			

Inverter Condensing Unit		PISF-05Wa1/O
Condensing Unit	Air Volume	3800 m³/h
	Net Weight	45 kg
	No ise	40～56 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	989*715*400mm

Inverter Air Blower		PISF-05Wa1/I
Air Blower	Air Volume	4000 m³/h
	Power Supply	220V/50~60HZ
	No ise	46～52 dB(A)
	Motor Power	150 W
	Defrost Power	800W
	Unit Weight	32.2 kg/36.4kg
	L*H*W	1344*578*387mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-05WSa1/O



PISF-05WSa1/I



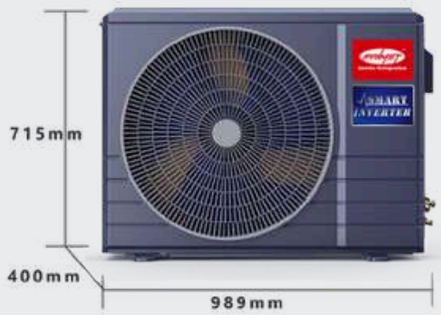
Mo d el	PISF - 0 5 WSa1			
C ap ac it y(H P)	5			
Norminal Heating Capacity	12000W			
Norminal Cooling Capacity (Room27℃Ambient32℃)	11500W(600-11500)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	9500	8550	8100	7600
15℃	8700	7850	7400	7000
10℃	8100	7300	6900	6500
5℃	7500	6300	5950	5600
0℃	6800	5700	5350	5050
–5℃	6200	5200	4950	4650
–10℃	5500	4800	4500	4250
–15℃	4700	4250	4000	3750
–20℃	4000	3600	3400	3200
Temp. Set Range	+40℃～-20℃			
Appicable Volume（0℃）	≤100 m³			
Stuff Q'ty（0℃）	≤20Ton			
Appicable Volume（-20℃）	≤60 m³			
Stuff Q'ty（-20℃）	≤12Ton			
Ambient Range	–35℃～+65℃			
Power Supply	380V 3N～/50~60HZ			
Power Consumption	450 W～4800 W			
Max Current	9.1A			
Gas / A mo ut	R410/1200g			
Pipe (Grooved)	Φ6/Φ9			

Inverter Condensing Unit		PISF-05WSa1/O
Condensing Unit	Air Volume	3800 m³/h
	Net Weight	51 kg
	No ise	40～56 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	989*715*400mm

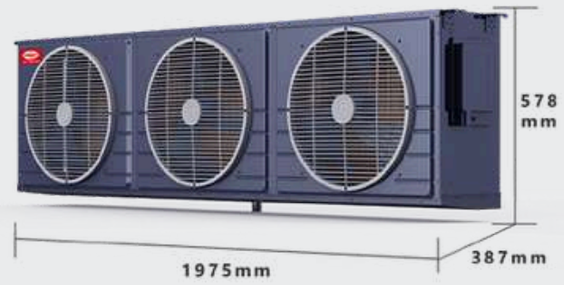
Inverter Air Blower		PISF-05WSa1/I
Air Blower	Air Volume	4000 m³/h
	Power Supply	220V/50~60HZ
	No ise	46～52 dB(A)
	Motor Power	150 W
	Defrost Power	800W
	Unit Weight	32.2 kg/36.4kg
	L*H*W	1344*578*387mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-08Wa1/O



PISF-08Wa1/I



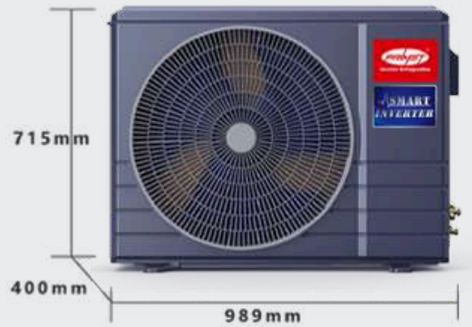
Mo d el	PISF - 0 8 Wa1			
C ap ac it y(H P)	8			
Norminal Heating Capacity	16500W			
Norminal Cooling Capacity (Room27℃Ambient32℃)	16000W(800-16000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	13000	11700	11050	10400
15℃	11000	9900	9350	8800
10℃	10200	8550	8100	7600
5℃	9500	7900	7500	7050
0℃	8400	7100	6700	6300
–5℃	7500	6750	6400	6000
–10℃	6300	5700	5350	5050
–15℃	5600	5050	4750	4500
–20℃	4800	4300	4100	3850
Temp. Set Range	+40℃~-20℃			
Appicable Volume（0℃）	≤170 m³			
Stuff Q'ty（0℃）	≤34 Ton			
Appicable Volume（-20℃）	≤90 m³			
Stuff Q'ty（-20℃）	≤18 Ton			
Ambient Range	–35℃~+65℃			
Power Supply	220V/50~60HZ			
Power Consumption	830 W~5500 W			
Max Current	26.2A			
Gas / A mo ut	R410a/1700g			
Pipe (Grooved)	Φ6/Φ12			

Inverter Condensing Unit		PISF-08Wa1/O
Condensing Unit	Air Volume	3800 m³/h
	Net Weight	48 kg
	No ise	40~56 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	989*715*400mm

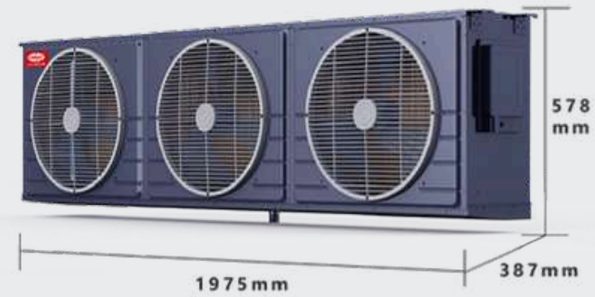
Inverter Air Blower		PISF-08Wa1/I
Air Blower	Air Volume	6000 m³/h
	Power Supply	220V/50~60HZ
	No ise	46~54 dB(A)
	Motor Power	210 W
	Defrost Power	1200W
	Unit Weight	47.3 kg/53kg
	L*H*W	1975*578*387mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-08WSa1/O



PISF-08WSa1/I



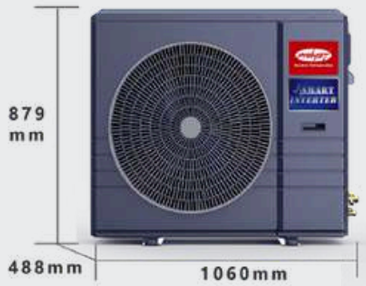
Mo d el	PISF - 0 8 WSa1			
C ap ac it y(H P)	8			
Norminal Heating Capacity	16500W			
Norminal Cooling Capacity (Room27℃Ambient32℃)	16000W(800-16000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	13500	12150	11500	9700
15℃	12000	10800	10200	8650
10℃	10900	9450	8950	7550
5℃	10200	8550	8100	6850
0℃	9200	7850	7400	6250
–5℃	8600	7400	7000	5900
–10℃	7200	6300	5950	5050
–15℃	6300	5700	5350	4550
–20℃	5200	4700	4400	3750
Temp. Set Range	+40℃~-20℃			
Appicable Volume（0℃）	≤190 m³			
Stuff Q'ty（0℃）	≤38 Ton			
Appicable Volume（-20℃）	≤100 m³			
Stuff Q'ty（-20℃）	≤20 Ton			
Ambient Range	–35℃~+65℃			
Power Supply	380V 3N~/50~60HZ			
Power Consumption	830 W~6200 W			
Max Current	12.9A			
Gas / A mo ut	R410a/1700g			
Pipe (Grooved)	Φ6/Φ12			

Inverter Condensing Unit		PISF-08WSa1/O
Condensing Unit	Air Volume	3800 m³/h
	Net Weight	53 kg
	No ise	40~58 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	989*715*400mm

Inverter Air Blower		PISF-08WSa1/I
Air Blower	Air Volume	6000 m³/h
	Power Supply	220V/50~60HZ
	No ise	46~54 dB(A)
	Motor Power	210 W
	Defrost Power	1200W
	Unit Weight	47.3 kg/53kg
	L*H*W	1975*578*387mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-10WSa1/O



PISF-10WSa1/I



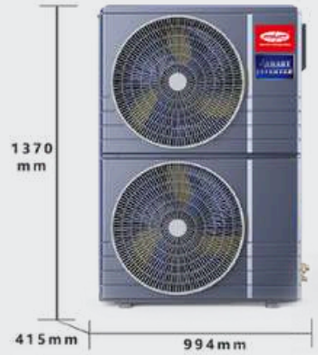
Mo d el	PISF - 1 0 WSa1			
C ap ac it y(H P)	10			
Norminal Heating Capacity Norminal Cooling Capacity (Room27℃Ambient32℃)	21000W 18000W(1200-18000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	13500	12150	11500	10800
15℃	12500	11250	10600	10000
10℃	11800	10600	10050	9500
5℃	11600	10100	9500	9000
0℃	11100	9450	8900	8400
–5℃	9300	8100	7650	7200
–10℃	8400	7600	7150	6700
–15℃	7600	6850	6500	6100
–20℃	7000	6300	5950	5600
Temp. Set Range	+40℃～-20℃			
Appicable Volume（0℃）	≤250 m³			
Stuff Q'ty（0℃）	≤50 Ton			
Appicable Volume（-20℃）	≤160 m³			
Stuff Q'ty（-20℃）	≤32 Ton			
Ambient Range	–35℃～+65℃			
Power Supply	380V 3N～/50~60HZ			
Power Consumption	1050 W～9800 W			
Max Current	18.6A			
Gas / A mo ut	R410/3200g			
Pipe (Grooved)	Φ9/Φ16			

Inverter Condensing Unit		PISF-10WSa1/O
Condensing Unit	Air Volume	6000 m³/h
	Net Weight	83 kg
	No ise	42～66 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	879*1060*488mm

Inverter Air Blower		PISF-10WSa1/I
Air Blower	Air Volume	6500 m³/h
	Power Supply	220V/50~60HZ
	No ise	46～56 dB(A)
	Motor Power	240 W
	Defrost Power	1200W
	Unit Weight	59.5kg
	L*H*W	1632*719*430mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-12WSa1/O



PISF-12WSa1/I



Mo d el	PISF - 1 2 WSa1			
C ap ac it y(H P)	12			
Norminal Heating Capacity Norminal Cooling Capacity (Room27℃Ambient32℃)	23500W 23000W(1200-23000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	2200	19800	18700	17600
15℃	0	18900	17850	16800
10℃	21000	16750	15800	14900
5℃	18600	15100	14300	13450
0℃	17200	13500	12750	12000
–5℃	16500	12350	11650	11000
–10℃	14500	10900	10300	9700
–15℃	12100 10600	9550	9000	8500
–20℃	9000	8100	7650	7200
Temp. Set Range	+40℃～-20℃			
Appicable Volume（0℃）	≤480 m³			
Stuff Q'ty（0℃）	≤96 Ton			
Appicable Volume（-20℃）	≤250 m³			
Stuff Q'ty（-20℃）	≤50Ton			
Ambient Range	-35℃～+65℃			
Power Supply	380V 3N～/50~60HZ			
Power Consumption	1300 W～11000 W			
Max Current	20.9A			
Gas / A mo ut	R410/3300g			
Pipe (Grooved)	Φ9/Φ16			

Inverter Condensing Unit		PISF-12WSa1/O
Condensing Unit	Air Volume	8500 m³/h
	Net Weight	96 kg
	No ise	42～60 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	994*1370*415mm

Inverter Air Blower		PISF-12WSa1/I
Air Blower	Air Volume	6500 m³/h
	Power Supply	220V/50~60HZ
	No ise	46～56 dB(A)
	Motor Power	240 W
	Defrost Power	1200W
	Unit Weight	59.5kg
	L*H*W	1632*719*430mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-16WSa1/O



PISF-16WSa1/I



Mo d el	PISF - 1 6 WSa1			
C ap ac it y(H P)	16			
Norminal Heating Capacity Norminal Cooling Capacity (Room27℃Ambient32℃)	31000W 30000W(1200-30000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	29200	26300	2480	23400
15℃	25000	22500	0	20000
10℃	23400	19350	21250	17200
5℃	21200	17500	18300	15500
0℃	18800	16000	16500	14200
–5℃	17300	14900	15200	13200
–10℃	15200	12800	14000	11400
–15℃	12800	11500	12100	10300
–20℃	10500	9500	10900 9000	8400
Temp. Set Range	+40℃~-20℃			
Appicable Volume（0℃）	≤700 m³			
Stuff Q'ty（0℃）	≤140 Ton			
Appicable Volume（-20℃）	≤350 m³			
Stuff Q'ty（-20℃）	≤70Ton			
Ambient Range	–35℃~+65℃			
Power Supply	380V 3N~/50~60HZ			
Power Consumption	2000 W~14800 W			
Max Current	28.2A			
Gas / A mo ut	R410/3500g			
Pipe (Grooved)	Φ9/Φ19			

Inverter Condensing Unit		PISF-16WSa1/O
Condensing Unit	Air Volume	12000 m³/h
	Net Weight	133 kg
	No ise	45~69 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	1031*1674*488mm

Inverter Air Blower		PISF-16WSa1/I
Air Blower	Air Volume	9000 m³/h
	Power Supply	220V/50~60HZ
	No ise	50~58 dB(A)
	Motor Power	320 W
	Defrost Power	1500W
	Unit Weight	85Kg
	L*H*W	2415*765*400mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-20WSa1/O



PISF-20WSa1/I



Mo d el	PISF - 2 0 WSa1			
C ap ac it y(H P)	20			
Norminal Heating Capacity Norminal Cooling Capacity (Room27℃Ambient32℃)	45000W 43000W(2500-43000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	4000	36000	3400	32000
15℃	0	31700	0	28200
10℃	35200	26500	3000	23500
5℃	2940	23700	0	21000
0℃	0	19800	2500	17600
–5℃	26300	18900	0	16800
–10℃	2200	16800	2240	15000
–15℃	0	15000	0	13400
–20℃	16700 21000	12200	14200 18700	10800
Temp. Set Range	13500 18700		11500 17900 15900	
Appicable Volume（0℃）	+40℃~-20℃			
Stuff Q'ty（0℃）	≤800 m³			
Appicable Volume（-20℃）	≤160 Ton			
Stuff Q'ty（-20℃）	≤450 m³			
Ambient Range	≤90Ton			
Power Supply	–35℃~+65℃			
Power Consumption	380V 3N~/50~60HZ			
Max Current	1240 W~16000 W			
Gas / A mo ut	32.4A			
Pipe (Grooved)	R410/3900g			
	Φ9/Φ19			

Inverter Condensing Unit		PISF-20WSa1/O
Condensing Unit	Air Volume	12500 m³/h
	Net Weight	140 kg
	No ise	45~69 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	1031*1674*488mm

Inverter Air Blower		PISF-20WSa1/I
Air Blower	Air Volume	9000 m³/h
	Power Supply	220V/50~60HZ
	No ise	50~58 dB(A)
	Motor Power	320 W
	Defrost Power	1500W
	Unit Weight	85Kg
	L*H*W	2415*765*400mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-32WSa1/O



PISF-32WSa1/I



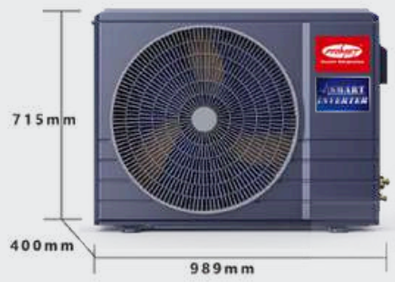
Mo d el	PISF - 3 2 WSa1			
C ap ac it y(H P)	32			
Norminal Heating Capacity	72000W			
Norminal Cooling Capacity (Room27℃Ambient32℃)	68000W(3000-69000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	6050	5500	51400	48400
15℃	0	0	4340	40800
10℃	51000	4590	0	34400
5℃	4300	0	36600	31200
0℃	0	3870	33200	28800
–5℃	3900	0	3060	26400
–10℃	0	35100	0	22800
–15℃	3600	3240	28800	20800
–20℃	0	0	2430	16800
Temp. Set Range	3300	29700	0	
Appicable Volume（0℃）	0	25800		
Stuff Q'ty（0℃）	28500			
Appicable Volume（-20℃）	≤1200 m³			
Stuff Q'ty（-20℃）	≤240 Ton			
Ambient Range	≤600 m³			
Power Supply	≤130Ton			
Power Consumption	–35℃～+65℃			
Max Current	380V 3N～/50~60HZ			
Gas / A mo ut	5000 W～28000 W			
Pipe (Grooved)	58.6A			
	R410/10000g			
	Φ9/Φ35			

Inverter Condensing Unit		PISF-32WSa1/O
Condensing Unit	Air Volume	24000 m³/h
	Net Weight	395 kg
	No ise	68~69 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	1710*930*1760mm

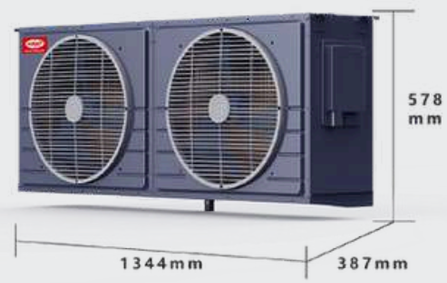
Inverter Air Blower		PISF-32WSa1/I
Air Blower	Air Volume	18000 m³/h
	Power Supply	220V/50~60HZ
	No ise	50～58 dB(A)
	Motor Power	735 W
	Defrost Power	1600W
	Unit Weight	151Kg
	L*H*W	3060*875*440mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-06WZ1/O



PISF-06WZa1/I



Mo d el	PISF - 0 6 WZa1			
C ap ac it y(H P)	6			
Norminal Heating Capacity	11000W			
Norminal Cooling Capacity (Room27℃Ambient32℃)	9500W(600-9500)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32 ℃	40℃	45℃	50℃
20℃	8600	7750	7300	6900
15℃	7500	6750	6400	6000
10℃	7000	6300	5950	5600
5℃	6800	6100	5800	5450
0℃	5900	5300	5000	4700
–5℃	5200	4700	4400	4200
–10℃	4600	4150	3900	3700
–15℃	4250	3800	3600	3400
–20℃	3700	3350		3000
–25℃	3500	3150	3150	2800
–30℃	3000	2700	300	2400
–35℃	2800	2500	0	2250
Temp. Set Range			2550	
Appicable Volume（0℃）	+40℃～-35℃			
Stuff Q'ty（0℃）	≤90 m³			
Appicable Volume（-20℃）	≤18 Ton			
Stuff Q'ty（-20℃）	≤50 m³			
Appicable Volume（-35℃）	≤10 Ton			
Stuff Q'ty（-35℃）	≤20 m³			
Ambient Range	≤3 Ton			
Power Supply	–45℃～+65℃			
Power Consumption	220V 1N～/50~60HZ			
Max Current	400 W～4600 W			
Gas / A mo ut	20.9A			
Pipe (Grooved)	R410a/1700g			
	Φ6/Φ9			

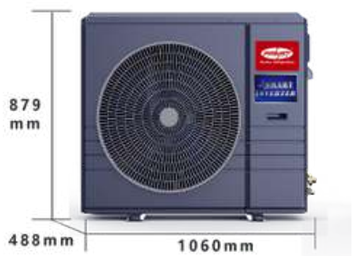
Inverter Condensing Unit		PISF-06WZa1/O
Condensing Unit	Air Volume	3800 m³/h
	Net Weight	51.6 kg/55.2Kg
	No ise	40～60 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	989*715*400mm

Inverter Air Blower		PISF-06WZa1/I
Air Blower	Air Volume	4000 m³/h
	Power Supply	220V/50Hz
	No ise	46～52 dB(A)
	Motor Power	150 W
	Defrost Power	800W
	Unit Weight	32.2 kg/36.4Kg
	L*H*W	1344*578*387mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

Mo d el	PISF - 1 0 WXSa1			
C ap ac it y(H P)	10			
Norminal Heating Capacity	18000W			
Norminal Cooling Capacity (Room27℃Ambient32℃)	17000W(1000-18000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	17000	15300	14450	13600
15℃	16000	14400	13600	12800
10℃	15200	13700	12900	12200
5℃	14000	12600	11900	11200
0℃	11500	10350	9800	9200
–5℃	11000	9900	9350	8800
–10℃	10000	9000	8500	8000
–15℃	9000	8100	7650	7200
–20℃	7500	6750	6400	6000
–25℃	6500	5850	5500	5200
–30℃	5800	5200	495	4650
–35℃	5000	4500	0	4000
–40℃	4800	4300	4250	3850
–45℃	3700	3350	4100	3000
–50℃	2000	1800	3150	1600
Temp. Set Range			1700	
Appicable Volume（0℃）	+40℃～-50℃			
Stuff Q'ty（0℃）	≤350 m³			
Appicable Volume（-20℃）	≤70 Ton			
Stuff Q'ty（-20℃）	≤180 m³			
Appicable Volume（-35℃）	≤36 Ton			
Stuff Q'ty（-35℃）	≤50 m³			
Appicable Volume（-50℃）	≤10 Ton			
Stuff Q'ty（-50℃）	≤20 m³			
Ambient Range	≤1 Ton			
Power Supply	–45℃～+65℃			
Power Consumption	380V 3N～/50~60HZ			
Max Current	1200 W～7600 W			
Gas / A mo ut	14.5A			
Pipe (Grooved)	R410a/3000g			
	Φ9/Φ16			

PISF-10WXSa1/O



PISF-10WXSa1/I



Inverter Condensing Unit		PISF-10WSXa1/O
Condensing Unit	Air Volume	6000 m³/h
	Net Weight	81 kg/91.8Kg
	No ise	45～68 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	879*1060*488mm

Inverter Air Blower		PISF-10WSXa1/I
Air Blower	Air Volume	6500 m³/h
	Power Supply	220V/50Hz
	No ise	46～56 dB(A)
	Motor Power	240 W
	Defrost Power	1200W
	Unit Weight	59.5 kg/76kg
	L*H*W	1632*719*430mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

Mo d el	PISF - 1 2 WXSa1			
C ap ac it y(H P)	12			
Norminal Heating Capacity	23000W			
Norminal Cooling Capacity (Room27℃Ambient32℃)	22000W(1000-23000)			
Cold Room Temp./Cooling Capacity In different Ambient Temp.	Cooling Capacity(W)			
	32℃	40℃	45℃	50℃
20℃	18000	16200	15300	14400
15℃	16300	14700	13850	13050
10℃	15600	14050	13250	12500
5℃	14500	13050	12350	11600
0℃	12000	10800	10200	9600
–5℃	11400	10300	9700	9150
–10℃	10500	9450	8950	8400
–15℃	9500	8550	8100	7600
–20℃	8000	7200	6800	6400
–25℃	6800	6150	580	5450
–30℃	6000	5400	0	4800
–35℃	5500	4950	5100	4400
–40℃	5000	4500	470	4000
–45℃	4200	3780	0	3360
–50℃	2800	2520	4250	2240
Temp. Set Range			3570	
Appicable Volume（0℃）	+40℃～-50℃			
Stuff Q'ty（0℃）	≤380m³		2380	
Appicable Volume（-20℃）	≤76 Ton			
Stuff Q'ty（-20℃）	≤210 m³			
Appicable Volume（-35℃）	≤42 Ton			
Stuff Q'ty（-35℃）	≤60 m³			
Appicable Volume（-50℃）	≤12 Ton			
Stuff Q'ty（-50℃）	≤25 m³			
Ambient Range	≤1 Ton			
Power Supply	–45℃～+65℃			
Power Consumption	380V 3N～/50~60HZ			
Max Current	1200 W～9000 W			
Gas / A mo ut	16.5A			
Pipe (Grooved)	R410a/3300g			
	Φ9/Φ16			

PISF-12WXSa1/O



PISF-12WXSa1/I



Inverter Condensing Unit		PISF-12WSXa1/O
Condensing Unit	Air Volume	8500 m³/h
	Net Weight	105kg/118Kg
	No ise	45～68 dB(A)
	Flow Control	Electronic Expansion Valve
	L*H*W	994*1370*415mm

Inverter Air Blower		PISF-12WSXa1/O
Air Blower	Air Volume	6500 m³/h
	Power Supply	220V/50Hz
	No ise	46～56 dB(A)
	Motor Power	240 W
	Defrost Power	1200W
	Unit Weight	59.5 kg
	L*H*W	1632*719*430mm
	Drainage	1 Inch (Outer 32mm)