





PRIMST®

Inverter Refrigeration





CONTACT US

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WHATSAPP

WECHAT



PRIMST®

Inverter Refrigeration

SINCE 1988

INVERTER REFRIGERATION SYSTEM

We Make the Complicated System Simple!



WE PRODUCE

Based in Eastern China, Anhui Yangzi Air Conditioning Co., 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.

- 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 unit dual stage compressor, freezing down to -50℃
- 60°C Wide ambient temperature applicable -45℃ to 60 ℃

CERTIFICATION HONOR





NETC | CNAS | GREEN FACTOTY | TIMC





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

SMART AI INVERTER TECHNOLOGY

ENERGY SAVING UP TO 50%

Quiet Operation

Durable and Rellable Structure

Energy Saving

WIFI REMOTE CONTROL

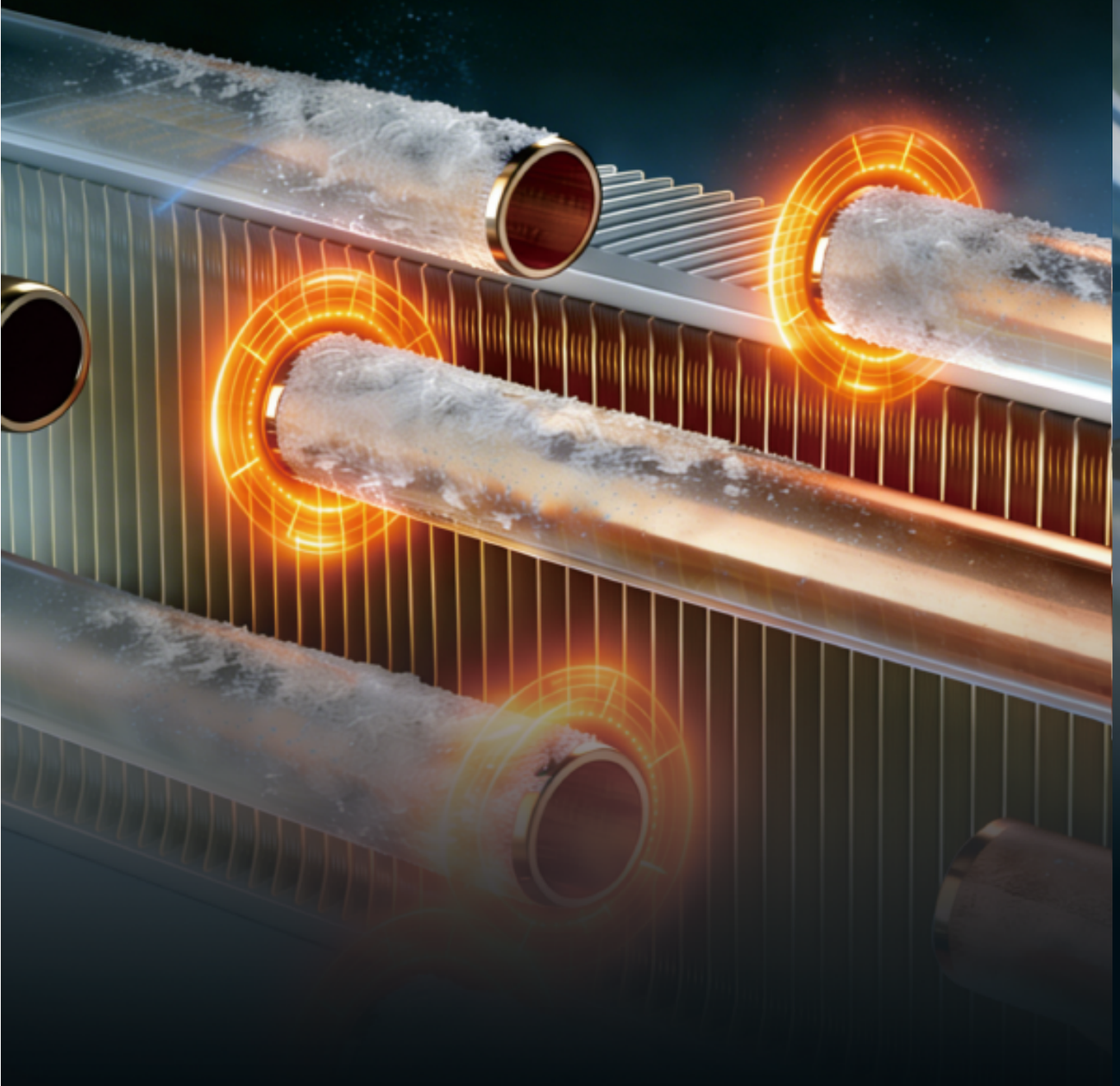


HOT GAS DEFROSTING

NO HEATING ELEMENT

AUTO AND INTELLIGENT CONTROLLED DEFROSTING PROGRAM
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



Fast & Deep freezing

FREEZING DOWN

Fresh keeping

HEATING
FOR RIPENING

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 parameters Check error codes.



WIFI REMOTE CONTROL

Connect App, Remote control

Easy Control on Hand

OTA Timer Temp. Set Power Meter Alarm



INTELLINGENT LINKAGE CONTROL

A New Generation of Intelligent Linkage Control

The wire controller can simultaneously manage up to 16 refrigeration units, realizing integrated control.
Users can monitor the operation status and fault status through wire controller.
The multiple refrigeration units in one system are started in stages and operate balancedly,
reducing the impact of starting current to the power grid.



Modularized Balanced Operation

Based on the usage load, the refrigeration system intelligently alternates the startup unit,
balancing the operation time of each unit, which greatly improved their operational reliability and service life.



Combined Fin Space

Optimal for high-humidity freezer

Advantages:
High-efficient as fixed fin space, but also better adaptable to different ambient temperature and humidity conditions.

A large ventilation margin after frosting, longer continuous cooling, fewer defrosting cycles, less fluctuation of cold room temperature.

Optimal for storing good with high temperature or high humidity.

Outside: Wide Fin Space

Large Ventilation
Margin after Defrosting

Inside: Narrow Fin Space

Improving
Operation Efficiency

OFC Copper VS Normal Copper

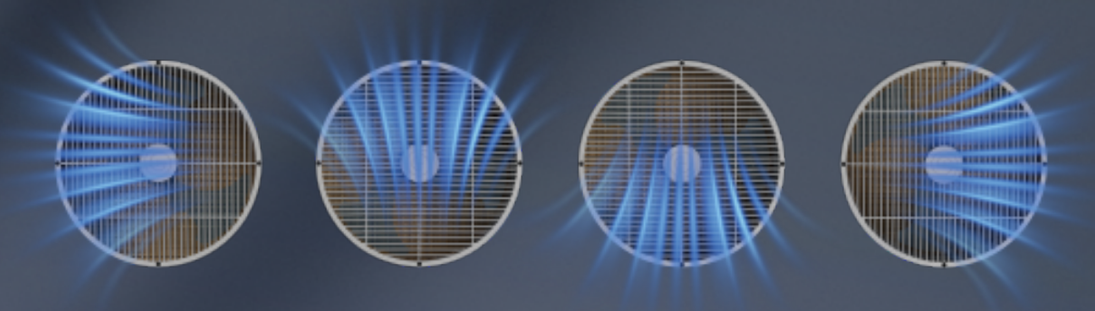
OFC Copper:
Strong resistance
for oxidation & corrosion

Normal Copper:
Light resistance
for oxidation & corrosion



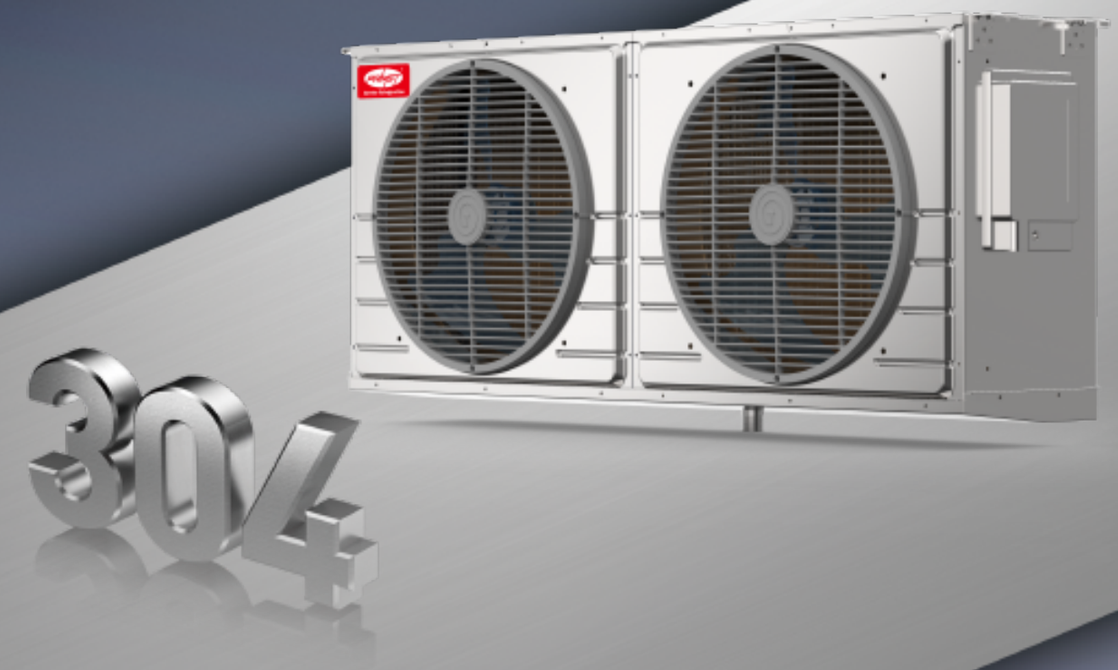
360° ADJUSTABLE AIR BLOW

Flexible air blow
for different cold storage applications



SS 304 UNIT COOLER DESIGNED FOR

Anti-corrosion and food safety

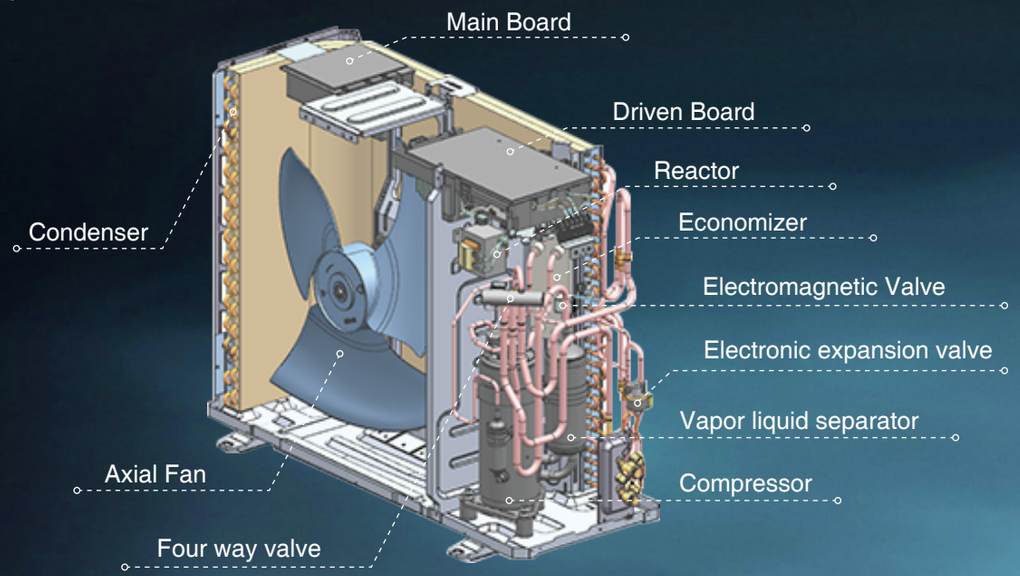


CONDENSING UNIT

PRIMST Inverter Refrigeration

TECHNICAL SPECIFICATION

◎ Key components



R32

R32 SERIES

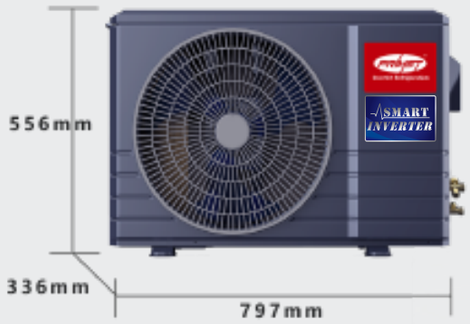
◎ Extraordinary Features

PRIMST CONDENSING UNIT		TRADITIONAL CONDENSING UNIT
Assembly Type System configuration，Easy assembly	VS	**Assembly Type** Manual assembly
Defrosting Method Intelligent reverse defrosting		**Defrosting Method** Manual defrosting
Power Supply Mode Hybrid Power（Electricity Powered & Solar Power）		**Power Supply Mode** Electricity powered
Cold Room Temperature Fluctuation The temperature fluctuation of reverse defrosting is within 1°C		**Cold Room Temperature Fluctuation** The temperature fluctuation of the traditional frosting is around 4°C



TECHNICAL SPECIFICATION

PISC-02Wf1/O



PISC-02Wf1/I



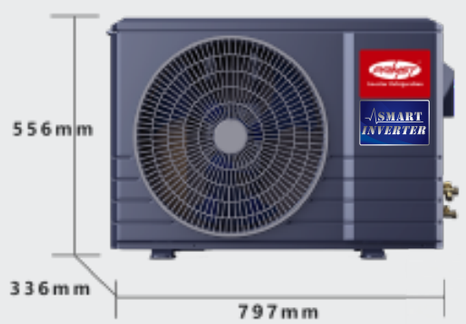
Technical Data	
PISC-02Wf1	
Data tested in Lab under rated condition	
2HP	
Normial Heating	7200W
Norminal Capacity (Room@27℃, Ambient @32℃)	6600W
Room Temperature	Cooling Capacity(W)
20℃	5200
15℃	4600
10℃	3800
5℃	2900
0℃	2400
–5℃	2200
–10℃	/
–15℃	/
–20℃	/
Temp. Set Range	40℃ ~ -5℃
Suitable Room （0℃）	≤45m³
Stuffing Q'ty （0℃）	≤9Ton
Ambient Range	-15℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	320 W ~ 2600 W
Max Current	11.8A
Refrigerant/Amt.	R32/850g
Piping (Inner Grooved)	Φ6.35/Φ9.52
Rated total cooling capacity	3600W
Rated effective power input, cooling	1000W
Rated heating capacity	3900W
Rated effective power input, heating	1050
EER	3.6
COP	3.7

Inverter Condensing		
PISC-02Wf1/O		
Condensing Unit	Air Flow	1850 m³/h
	Net Weight	28 kg
	Noise	38 ~ 54 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	797*556*336mm

Inverter Unit Cooler		
PISC-02Wf1/I		
Unit Cooler	Air Flow	2000 m³/h
	Power Supply	220V/50Hz
	Noise	42 ~ 50 dB(A)
	Motor Power	75 W
	Defrosting Power	500W
	Net Weight	19kg
	L*W*H	726*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-03Wf1/O



PISF-03Wf1/I



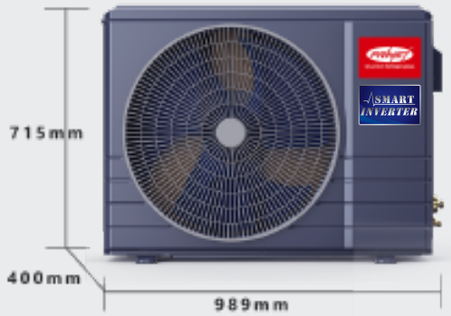
Technical Data	
PISF-03Wf1	
Data tested in Lab under rated condition	
3HP	
Normial Heating	8500W
Norminal Capacity (Room@27℃, Ambient @32℃)	7800W
Room Temperature	Cooling Capacity(W)
20℃	6500
15℃	6000
10℃	5600
5℃	5300
0℃	4900
–5℃	4700
–10℃	3900
–15℃	3100
–20℃	2500
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤62m³
Stuffing Q'ty （0℃）	≤12Ton
Suitable Room （-20℃）	≤30m³
Stuffing Q'ty （-20℃）	≤6Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	320 W ~ 3400 W
Max Current	15.5A
Rated total cooling capacity	5200W
Rated effective power input, cooling	1440W
Rated heating capacity	6000W
Rated effective power input, heating	1650W
EER	3.61
COP	3.63
Refrigerant/Amt.	R32/1200g
Piping (Inner Grooved)	Φ6.35/Φ9.52

Inverter Condensing		
PISF-03Wf1/O		
Condensing Unit	Air Flow	1850 m³/h
	Net Weight	34 kg
	Noise	38 ~ 54 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	797*556*336mm

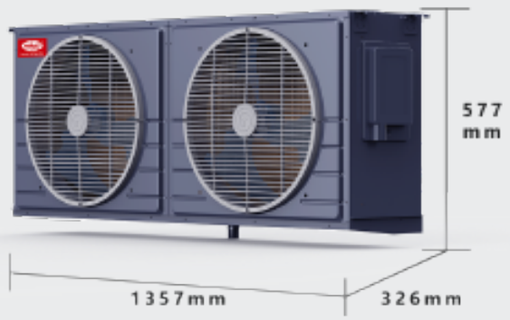
Inverter Unit Cooler		
PISF-03Wf1/I		
Unit Cooler	Air Flow	2000 m³/h
	Power Supply	220V/50Hz
	Noise	42 ~ 50 dB(A)
	Motor Power	75 W
	Defrosting Power	500W
	Net Weight	19kg
	L*W*H	726*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-04Wf1/O



PISF-04Wf1/I



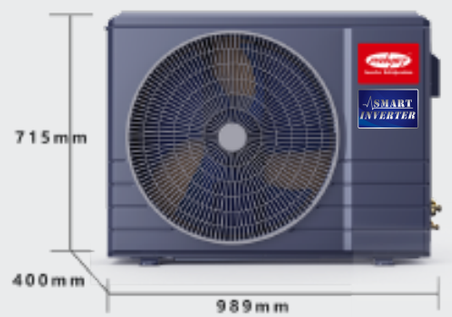
Technical Data	
PISF-04Wf1	
Data tested in Lab under rated condition	
4HP	
Normial Heating	11000
Norminal Capacity (Room@27℃, Ambient @32℃)	9000W
Room Temperature	Cooling Capacity(W)
20℃	9000
15℃	8300
10℃	7600
5℃	7000
0℃	6300
–5℃	5800
–10℃	5200
–15℃	4800
–20℃	4200
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤80m³
Stuffing Q'ty（0℃）	≤16Ton
Suitable Room （-20℃）	≤40m³
Stuffing Q'ty（-20℃）	≤8 Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	400 W ~ 4400 W
Max Current	20A
Rated total cooling capacity	7200W
Rated effective power input, cooling	2000W
Rated heating capacity	7500W
Rated effective power input, heating	2050W
EER	3.6
COP	3.65
Refrigerant/Amt.	R32/1400g
Piping (Inner Grooved)	Φ6.35/Φ9.52

Inverter Condensing		
PISF-04Wf1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	46 kg
	Noise	40 ~ 56 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

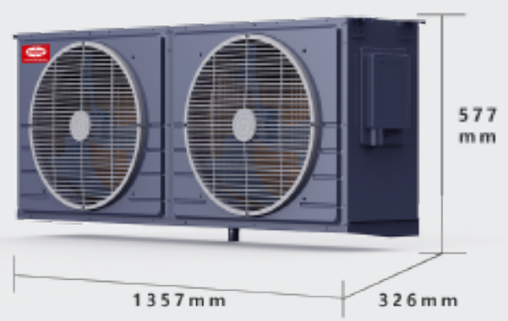
Inverter Unit Cooler		
PISF-04Wf1/I		
Unit Cooler	Air Flow	4000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 52 dB(A)
	Motor Power	150 W
	Defrosting Power	800W
	Net Weight	32.2 kg
	L*W*H	1357*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-05Wf1/O



PISF-05Wf1/I



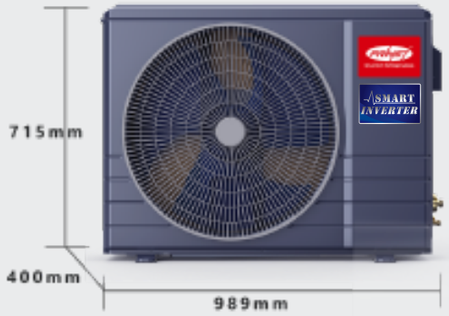
Technical Data	
PISF-05Wf1	
Data tested in Lab under rated condition	
5HP	
Normial Heating	13000W
Norminal Capacity (Room@27℃, Ambient @32℃)	12000W
Room Temperature	Cooling Capacity(W)
20℃	11000
15℃	9900
10℃	9400
5℃	8600
0℃	7700
–5℃	6900
–10℃	6100
–15℃	5700
–20℃	5300
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤105m³
Stuffing Q'ty（0℃）	≤21 Ton
Suitable Room （-20℃）	≤60m³
Stuffing Q'ty（-20℃）	≤12 Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	450 W ~ 4800 W
Max Current	21.8A
Rated total cooling capacity	11000W
Rated effective power input, cooling	3050W
Rated heating capacity	12500W
Rated effective power input, heating	3450W
EER	3.61
COP	3.62
Refrigerant/Amt.	R32/1800g
Piping (Inner Grooved)	Φ6.35/Φ9.52

Inverter Condensing		
PISF-05Wf1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	52 kg
	Noise	40 ~ 58 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

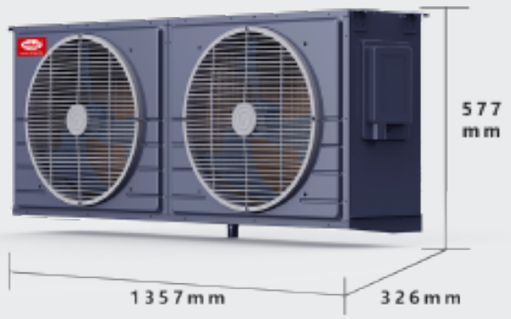
Inverter Unit Cooler		
PISF-05Wf1/I		
Unit Cooler	Air Flow	4000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 52 dB(A)
	Motor Power	150 W
	Defrosting Power	800W
	Net Weight	32.2 kg
	L*W*H	1357*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-05WSf1/O



PISF-05WSf1/I



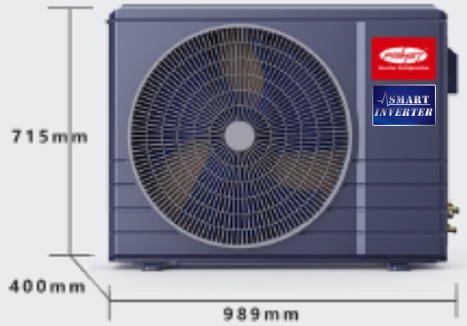
Technical Data	
PISF-05WSf1	
Data tested in Lab under rated condition	
5HP/3Phase	
Normial Heating	13500W
Norminal Capacity (Room@27℃, Ambient @32℃)	12500W
Room Temperature	Cooling Capacity(W)
20℃	11000
15℃	9800
10℃	9400
5℃	8600
0℃	7800
–5℃	7000
–10℃	6300
–15℃	5800
–20℃	5400
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤120 m³
Stuffing Q'ty（0℃）	≤24 Ton
Suitable Room （-20℃）	≤70 m³
Stuffing Q'ty（-20℃）	≤14Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	380V 3N ~ /50Hz
Power Consumption	450 W ~ 4800 W
Max Current	9.1A
Rated total cooling capacity	11000W
Rated effective power input, cooling	3050W
Rated heating capacity	12500W
Rated effective power input, heating	3450W
EER	3.61
COP	3.62
Refrigerant/Amt.	R32/1800g
Piping (Inner Grooved)	Φ6.35/Φ9.52

Inverter Condensing		
PISF-05WSf1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	53 kg
	Noise	40 ~ 58 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

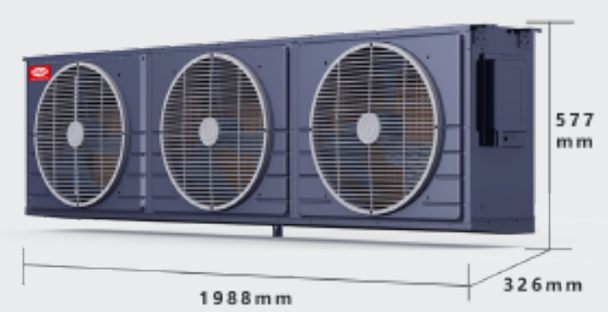
Inverter Unit Cooler		
PISF-05WSf1/I		
Unit Cooler	Air Flow	4000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 52 dB(A)
	Motor Power	150 W
	Defrosting Power	800W
	Net Weight	32.2 kg
	L*W*H	1357*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-08Wf1/O



PISF-08Wf1/I



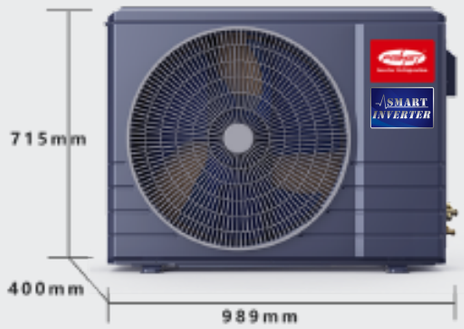
Technical Data	
PISF-08Wf1	
Data tested in Lab under rated condition	
8HP	
Normial Heating	19000W
Norminal Capacity (Room@27℃, Ambient @32℃)	18000W
Room Temperature	Cooling Capacity(W)
20℃	15400
15℃	14000
10℃	13500
5℃	12000
0℃	10600
–5℃	9600
–10℃	8600
–15℃	7900
–20℃	7200
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤180 m³
Stuffing Q'ty（0℃）	≤36 Ton
Suitable Room （-20℃）	≤100 m³
Stuffing Q'ty（-20℃）	≤20 Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	830 W ~ 5500 W
Max Current	26.2A
Rated total cooling capacity	15000W
Rated effective power input, cooling	4150W
Rated heating capacity	16000W
Rated effective power input, heating	4400W
EER	3.61
COP	3.63
Refrigerant/Amt.	R32/2000g
Piping (Inner Grooved)	Φ6.35/Φ12.7

Inverter Condensing		
PISF-08Wf1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	53.5 kg
	Noise	40 ~ 58 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

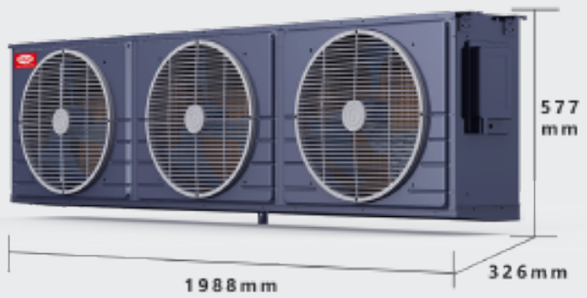
Inverter Unit Cooler		
PISF-08Wf1/I		
Unit Cooler	Air Flow	6000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 54 dB(A)
	Motor Power	210 W
	Defrosting Power	1200W
	Net Weight	47.3 kg
	L*W*H	1988*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-08WSf1/O



PISF-08WSf1/I



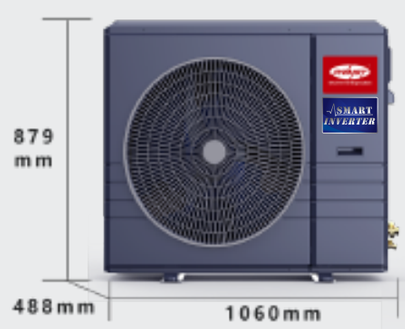
Technical Data	
PISF-08WSf1	
Data tested in Lab under rated condition	
8HP/3Phase	
Normial Heating	19000W
Norminal Capacity (Room@27℃, Ambient @32℃)	18000W
Room Temperature	Cooling Capacity(W)
20℃	15400
15℃	14500
10℃	14000
5℃	12800
0℃	11100
–5℃	10100
–10℃	9300
–15℃	8500
–20℃	7700
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤200 m³
Stuffing Q'ty （0℃）	≤40 Ton
Suitable Room （-20℃）	≤120 m³
Stuffing Q'ty （-20℃）	≤24 Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	380V 3N ~ /50Hz
Power Consumption	830 W ~ 6800 W
Max Current	12.9A
Rated total cooling capacity	15000W
Rated effective power input, cooling	4150W
Rated heating capacity	16000W
Rated effective power input, heating	4400W
EER	3.61
COP	3.63
Refrigerant/Amt.	R32/2000g
Piping (Inner Grooved)	Φ6.35/Φ12.7

Inverter Condensing		
PISF-08WSf1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	54.5 kg
	Noise	40 ~ 58 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

Inverter Unit Cooler		
PISF-08WSf1/I		
Unit Cooler	Air Flow	6000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 54 dB(A)
	Motor Power	210 W
	Defrosting Power	1200W
	Net Weight	47.3 kg
	L*W*H	1988*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-10WSf1/O



PISF-10WSf1/I



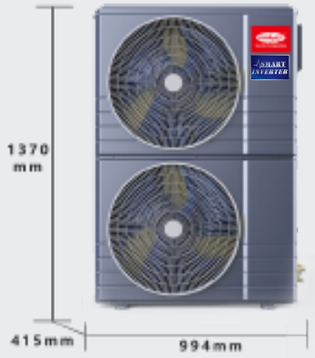
Technical Data	
PISF-10WSf1	
Data tested in Lab under rated condition	
10HP/3Phase	
Normial Heating	21000W
Norminal Capacity (Room@27℃, Ambient @32℃)	18800W
Room Temperature	Cooling Capacity(W)
20℃	18000
15℃	14800
10℃	14700
5℃	14200
0℃	13700
–5℃	11500
–10℃	10000
–15℃	9200
–20℃	8800
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤350 m³
Stuffing Q'ty （0℃）	≤70 Ton
Suitable Room （-20℃）	≤200 m³
Stuffing Q'ty （-20℃）	≤40 Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	380V 3N ~ /50Hz
Power Consumption	1050 W ~ 9800 W
Max Current	18.6A
Rated total cooling capacity	17000W
Rated effective power input, cooling	4700W
Rated heating capacity	18000W
Rated effective power input, heating	5000W
EER	3.61
COP	3.6
Refrigerant/Amt.	R32/3500g
Piping (Inner Grooved)	Φ9.52/Φ16

Inverter Condensing		
PISF-10WSf1/O		
Condensing Unit	Air Flow	6000 m³/h
	Net Weight	88 kg
	Noise	42 ~ 66 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	879×1060×488mm

Inverter Unit Cooler		
PISF-10WSf1/I		
Unit Cooler	Air Flow	6500 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 56 dB(A)
	Motor Power	240 W
	Defrosting Power	1200W
	Net Weight	59.5 kg
	L*W*H	1638*766*447mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-12WSf1/O



PISF-12WSf1/I



Technical Data	
PISF-12WSf1	
Data tested in Lab under rated condition	
12HP/3Phase	
Normial Heating	31000W
Norminal Capacity (Room@27℃, Ambient @32℃)	30000W
Room Temperature	Cooling Capacity(W)
20℃	26600
15℃	24300
10℃	22000
5℃	21200
0℃	17600
–5℃	16400
–10℃	14000
–15℃	13300
–20℃	11500
Temp. Set Range	+40℃～-20℃
Suitable Room （0℃）	≤620 m³
Stuffing Q'ty （0℃）	≤124 Ton
Suitable Room （-20℃）	≤350 m³
Stuffing Q'ty （-20℃）	≤70Ton
Ambient Range	–35℃～+65℃
Power Supply	380V 3N～/50Hz
Power Consumption	1300 W～11000 W
Max Current	20.9A
Rated total cooling capacity	21000W
Rated effective power input, cooling	5800W
Rated heating capacity	22000W
Rated effective power input, heating	6100W
EER	3.62
COP	3.6
Refrigerant/Amt.	R32/3600g
Piping (Inner Grooved)	Φ9.52/Φ16

Inverter Condensing		
PISF-12WSf1/O		
Condensing Unit	Air Flow	8500 m³/h
	Net Weight	102 kg
	Noise	42～60 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	994*1370*415mm

Inverter Unit Cooler		
PISF-12WSf1/I		
Unit Cooler	Air Flow	6500 m³/h
	Power Supply	220V/50Hz
	Noise	46～56 dB(A)
	Motor Power	240 W
	Defrosting Power	1200W
	Net Weight	59.5 kg
	L*W*H	1638*766*447mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-16WSf1/O



PISF-16WSf1/I



Technical Data	
PISF-16WSf1	
Data tested in Lab under rated condition	
16HP/3Phase	
Normial Heating	36000W
Norminal Capacity (Room@27℃, Ambient @32℃)	34000W
Room Temperature	Cooling Capacity(W)
20℃	31500
15℃	27800
10℃	24600
5℃	22800
0℃	20200
–5℃	18500
–10℃	16100
–15℃	14800
–20℃	13200
Temp. Set Range	+40℃～-20℃
Suitable Room （0℃）	≤750 m³
Stuffing Q'ty （0℃）	≤150 Ton
Suitable Room （-20℃）	≤450 m³
Stuffing Q'ty （-20℃）	≤90Ton
Ambient Range	–35℃～+65℃
Power Supply	380V 3N～/50Hz
Power Consumption	2000 W～14000 W
Max Current	26.6A
Rated total cooling capacity	32000W
Rated effective power input, cooling	8850W
Rated heating capacity	33000W
Rated effective power input, heating	9150W
EER	3.61
COP	3.6
Refrigerant/Amt.	R32/3500g
Piping (Inner Grooved)	Φ9.52/Φ19

Inverter Condensing		
PISF-16WSf1/O		
Condensing Unit	Air Flow	12000 m³/h
	Net Weight	123 kg
	Noise	45～66 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	1031*1674*488mm

Inverter Unit Cooler		
PISF-16WSf1/I		
Unit Cooler	Air Flow	9000 m³/h
	Power Supply	220V/50Hz
	Noise	50～58 dB(A)
	Motor Power	320 W
	Defrosting Power	1500W
	Net Weight	85Kg
	L*W*H	2403*766*447mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-20WSf1/O



PISF-20WSf1/I



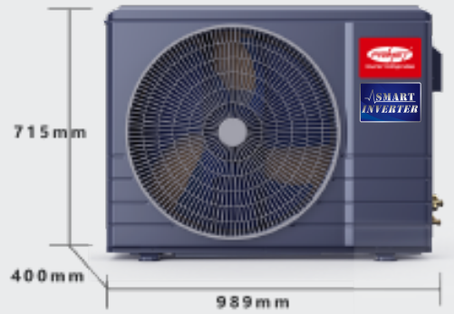
Technical Data	
PISF-20WSf1	
Data tested in Lab under rated condition	
16HP/3Phase	
Normial Heating	49000W
Norminal Capacity (Room@27℃, Ambient @32℃)	48000W
Room Temperature	Cooling Capacity(W)
20℃	45000
15℃	39100
10℃	33200
5℃	30200
0℃	25400
–5℃	24500
–10℃	21900
–15℃	20000
–20℃	16400
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤1000 m³
Stuffing Q'ty（0℃）	≤200 Ton
Suitable Room （-20℃）	≤550 m³
Stuffing Q'ty（-20℃）	≤110Ton
Ambient Range	–45℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	2000 W ~ 15000 W
Max Current	28.5A
Rated total cooling capacity	34000W
Rated effective power input, cooling	9400W
Rated heating capacity	36000W
Rated effective power input, heating	10000W
EER	3.61
COP	3.6
Refrigerant/Amt.	R32/4300g
Piping (Inner Grooved)	Φ9/Φ19

Inverter Condensing		
PISF-20WSf1/O		
Condensing Unit	Air Flow	12000 m³/h
	Net Weight	147 kg
	Noise	45 ~ 68 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	1031*1674*488mm

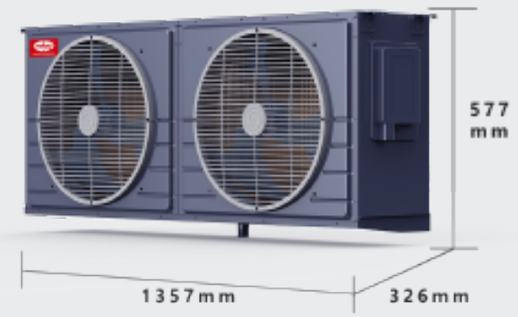
Inverter Unit Cooler		
PISF-20WSf1/I		
Unit Cooler	Air Flow	9000 m³/h
	Power Supply	220V/50Hz
	Noise	50 ~ 58 dB(A)
	Motor Power	320 W
	Defrosting Power	1500W
	Net Weight	85Kg
	L*W*H	2403*766*447mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-06WZf1/O



PISF-06WZf1/I



Technical Data	
PISF-06WZf1	
Data tested in Lab under rated condition	
6HP	
Normial Heating	12000W
Norminal Capacity (Room@27℃, Ambient @32℃)	11000W(600-11000)
Room Temperature	Cooling Capacity(W)
20℃	10000
15℃	9100
10℃	8200
5℃	7500
0℃	7000
–5℃	6500
–10℃	6100
–15℃	5300
–20℃	4800
–25℃	4100
–30℃	3800
–35℃	3500
–40℃	3100
Temp. Set Range	+40℃ ~ -40℃
Suitable Room （0℃）	≤100 m³
Stuffing Q'ty（0℃）	≤20 Ton
Suitable Room （-20℃）	≤60 m³
Stuffing Q'ty（-20℃）	≤12 Ton
Suitable Room （-35℃）	≤25 m³
Stuffing Q'ty（-35℃）	≤3 Ton
Ambient Range	–45℃ ~ +65℃
Power Supply	220V 1N ~ /50Hz
Power Consumption	400 W ~ 4600 W
Max Current	20.9A
Rated total cooling capacity	8000W
Rated effective power input, cooling	2200W
Rated heating capacity	8500W
Rated effective power input, heating	2350W
EER	3.63
COP	3.61
Refrigerant/Amt.	R32/2000g
Piping (Inner Grooved)	Φ6.35/Φ9.52

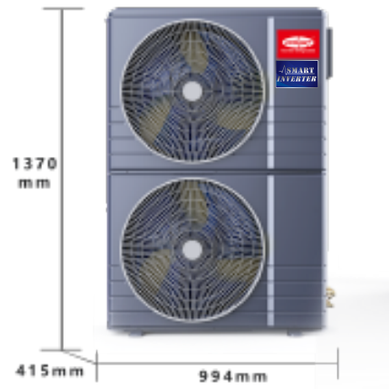
Inverter Condensing		
PISF-06WZf1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	58 kg
	Noise	40 ~ 60 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

Inverter Unit Cooler		
PISF-06WZf1/I		
Unit Cooler	Air Flow	4000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 52 dB(A)
	Motor Power	150 W
	Defrosting Power	800W
	Net Weight	33 kg
	L*W*H	1357*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

Technical Data	
PISF-12WSXf1	
Data tested in Lab under rated condition	
12HP/3Phase	
Normial Heating	24000W
Norminal Capacity (Room@27℃, Ambient @32℃)	23000W(1000-23000)
Room Temperature	Cooling Capacity(W)
20℃	19000
15℃	17300
10℃	16200
5℃	14600
0℃	13100
–5℃	12000
–10℃	11600
–15℃	10500
–20℃	9700
–25℃	8100
–30℃	7300
–35℃	6800
–40℃	6100
Temp. Set Range	+40℃ ~ -40℃
Suitable Room （0℃）	≤450m³
Stuffing Q'ty（0℃）	≤76 Ton
Suitable Room （-20℃）	≤250 m³
Stuffing Q'ty（-20℃）	≤42 Ton
Suitable Room （-35℃）	≤70 m³
Stuffing Q'ty（-35℃）	≤12 Ton
Ambient Range	–45℃ ~ +65℃
Power Supply	380V 3N ~ /50Hz
Power Consumption	1200 W ~ 9000 W
Max Current	16.5A
Rated total cooling capacity	13000W
Rated effective power input, cooling	3600W
Rated heating capacity	14000W
Rated effective power input, heating	3850W
EER	3.61
COP	3.63
Refrigerant/Amt.	R32/3600g
Piping (Inner Grooved)	Φ9.52/Φ16

PISF-12WXSf1/O



PISF-12WXSa1/I



Inverter Condensing		
PISF-12WSXf1/O		
Condensing Unit	Air Flow	8500 m³/h
	Net Weight	112kg
	Noise	45 ~ 68 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	994*1370*415mm

Inverter Unit Cooler		
PISF-12WSXf1/I		
Unit Cooler	Air Flow	6500 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 56 dB(A)
	Motor Power	240 W
	Defrosting Power	1200W
	Net Weight	60 kg
	L*W*H	1638*766*447mm
	Drainage	1 Inch (Outer 32mm)

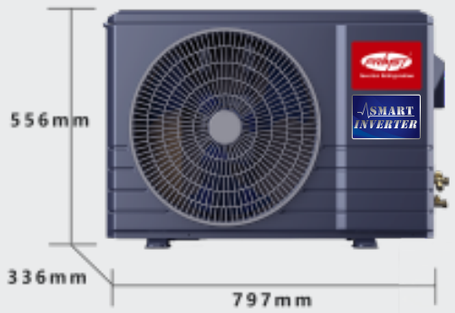
TECHNICAL SPECIFICATION

R410A

R410A SERIES

TECHNICAL SPECIFICATION

PISC-02Wa1/O



PISC-02Wa1/I



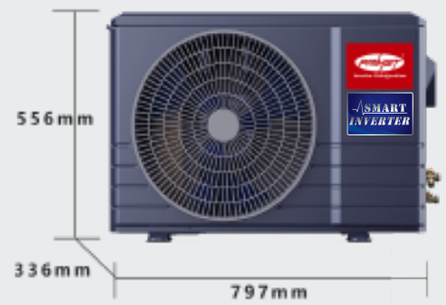
Technical Data	
PISC-02Wa1	
Data tested in Lab under rated condition	
2HP	
Normial Heating	7200W
Norminal Capacity (Room@27℃, Ambient @32℃)	6000W
Room Temperature	Cooling Capacity(W)
20℃	4800
15℃	4200
10℃	3600
5℃	2700
0℃	2200
–5℃	2000
–10℃	/
–15℃	/
–20℃	/
Temp. Set Range	40℃ ~ -5℃
Suitable Room （0℃）	≤45m³
Stuffing Q'ty（0℃）	≤9Ton
Ambient Range	-15℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	320 W ~ 2600 W
Max Current	11.8A
Refrigerant/Amt.	R410a/850g
Rated total cooling capacity	3500W
Rated effective power input,	965W
Rated heating capacity	3800W
Rated effective power input,	1050W
EER	3.63
COP	3.62
Piping (Inner Grooved)	Φ6.35/Φ9.52

Inverter Condensing		
PISC-02Wa1/O		
Condensing Unit	Air Flow	1850 m³/h
	Net Weight	28 kg
	Noise	38 ~ 54 dB(A)
	Flow Valve	Capillary Tube
	L*W*H	797*556*336mm

Inverter Unit Cooler		
PISC-02Wa1/I		
Unit Cooler	Air Flow	2000 m³/h
	Power Supply	220V/50Hz
	Noise	42 ~ 50 dB(A)
	Motor Power	75 W
	Defrosting Power	500W
	Net Weight	19kg
	L*W*H	726*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-03Wa1/O



PISF-03Wa1/I



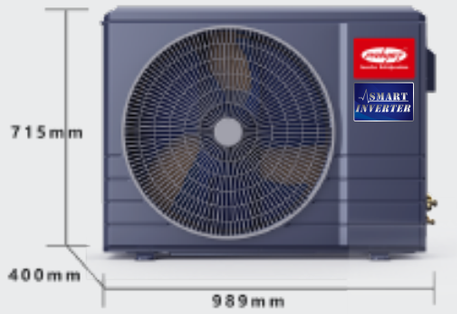
Technical Data	
PISF-03Wa1	
Data tested in Lab under rated condition	
3HP	
Normial Heating	7500W
Norminal Capacity (Room@27℃, Ambient @32℃)	7000W
Room Temperature	Cooling Capacity(W)
20℃	5800
15℃	5300
10℃	4900
5℃	4500
0℃	4200
–5℃	3900
–10℃	3200
–15℃	2400
–20℃	2100
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤50m³
Stuffing Q'ty（0℃）	≤10Ton
Suitable Room （-20℃）	≤25m³
Stuffing Q'ty（-20℃）	≤5Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	320 W ~ 3400 W
Rated total cooling capacity	5000W
Rated effective power input, cooling	1380W
Rated heating capacity	6000W
Rated effective power input, heating	1650W
EER	3.62
COP	3.64
Max Current	15.5A
Refrigerant/Amt.	R410a/1200g
Piping (Inner Grooved)	Φ6.35/Φ9.52

Inverter Condensing		
PISF-03Wa1/O		
Condensing Unit	Air Flow	1850 m³/h
	Net Weight	34 kg
	Noise	38 ~ 54 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	797*556*336mm

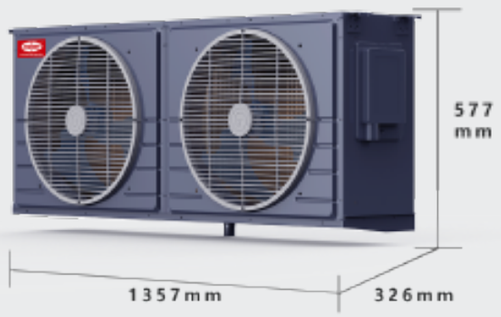
Inverter Unit Cooler		
PISF-03Wa1/I		
Unit Cooler	Air Flow	2000 m³/h
	Power Supply	220V/50Hz
	Noise	42 ~ 50 dB(A)
	Motor Power	75 W
	Defrosting Power	500W
	Net Weight	19kg
	L*W*H	726*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-04Wa1/O



PISF-04Wa1/I



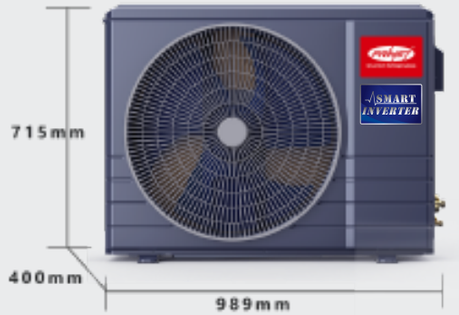
Technical Data	
PISF-04Wa1	
Data tested in Lab under rated condition	
4HP	
Normial Heating	8500W
Norminal Capacity (Room@27℃, Ambient @32℃)	8000W
Room Temperature	Cooling Capacity(W)
20℃	8100
15℃	7500
10℃	7100
5℃	6600
0℃	5900
–5℃	5600
–10℃	5100
–15℃	4700
–20℃	3700
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤70m³
Stuffing Q'ty（0℃）	≤14 Ton
Suitable Room （-20℃）	≤30m³
Stuffing Q'ty（-20℃）	≤6 Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	400 W ~ 4400 W
Rated total cooling capacity	7000W
Rated effective power input, cooling	1940W
Rated heating capacity	7300W
Rated effective power input, heating	2020W
EER	3.61
COP	3.61
Max Current	20A
Refrigerant/Amt.	R410a/1400g
Piping (Inner Grooved)	Φ6.35/Φ9.52

Inverter Condensing		
PISF-04Wa1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	46 kg
	Noise	40 ~ 56 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

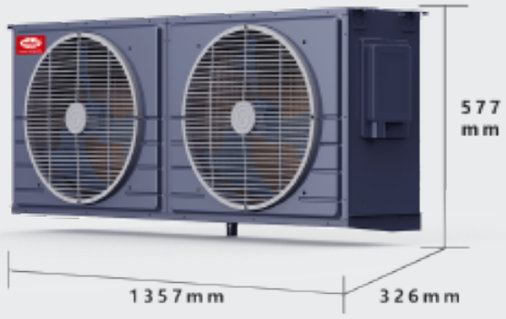
Inverter Unit Cooler		
PISF-04Wa1/I		
Unit Cooler	Air Flow	4000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 52 dB(A)
	Motor Power	150 W
	Defrosting Power	800W
	Net Weight	32.2 kg
	L*W*H	1357*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-05Wa1/O



PISF-05Wa1/I



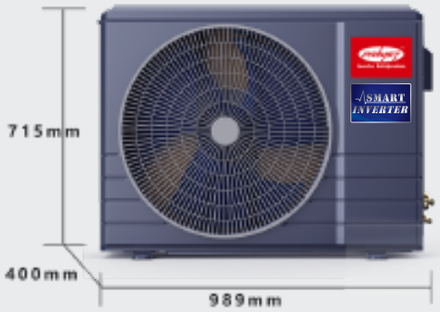
Technical Data	
PISF-05Wa1	
Data tested in Lab under rated condition	
5HP	
Normial Heating	11500W
Norminal Capacity (Room@27℃, Ambient @32℃)	11000W
Room Temperature	Cooling Capacity(W)
20℃	9900
15℃	8900
10℃	8400
5℃	7700
0℃	6900
–5℃	6200
–10℃	5500
–15℃	5100
–20℃	4700
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤90m³
Stuffing Q'ty（0℃）	≤18 Ton
Suitable Room （-20℃）	≤50m³
Stuffing Q'ty（-20℃）	≤10 Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	450 W ~ 4800 W
Rated total cooling capacity	10000W
Rated effective power input, cooling	2770W
Rated heating capacity	12000W
Rated effective power input, heating	3330W
EER	3.61
COP	3.6
Max Current	21.8A
Refrigerant/Amt.	R410a/1800g
Piping (Inner Grooved)	Φ6.35/Φ9.52

Inverter Condensing		
PISF-05Wa1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	52 kg
	Noise	40 ~ 58 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

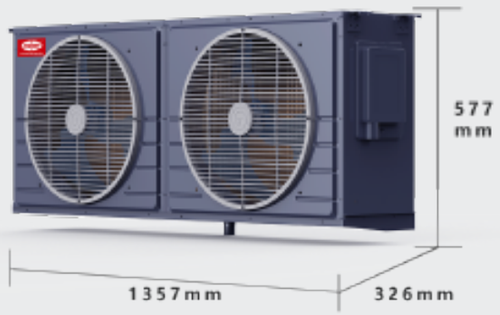
Inverter Unit Cooler		
PISF-05Wa1/I		
Unit Cooler	Air Flow	4000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 52 dB(A)
	Motor Power	150 W
	Defrosting Power	800W
	Net Weight	32.2 kg
	L*W*H	1357*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-05WSa1/O



PISF-05WSa1/I



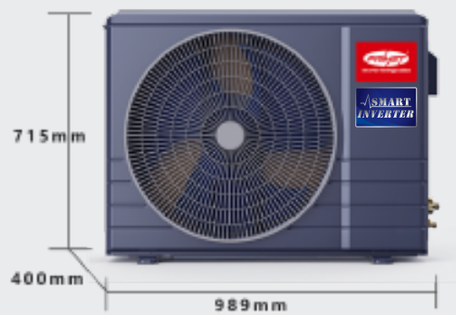
Technical Data	
PISF-05WSa1	
Data tested in Lab under rated condition	
5HP/3Phase	
Normial Heating	12000W
Norminal Capacity (Room@27℃, Ambient @32℃)	11500W
Room Temperature	Cooling Capacity(W)
20℃	9900
15℃	8800
10℃	8400
5℃	7700
0℃	7000
–5℃	6100
–10℃	5600
–15℃	5100
–20℃	4800
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤100 m³
Stuffing Q'ty（0℃）	≤20Ton
Suitable Room （-20℃）	≤60 m³
Stuffing Q'ty（-20℃）	≤12Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	380V 3N ~ /50Hz
Power Consumption	450 W ~ 4800 W
Rated total cooling capacity	10000W
Rated effective power input, cooling	2770W
Rated heating capacity	12000W
Rated effective power input, heating	3330W
EER	3.61
COP	3.6
Max Current	9.1A
Refrigerant/Amt.	R410a/1800g
Piping (Inner Grooved)	Φ6.35/Φ9.52

Inverter Condensing		
PISF-05WSa1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	53 kg
	Noise	40 ~ 58 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

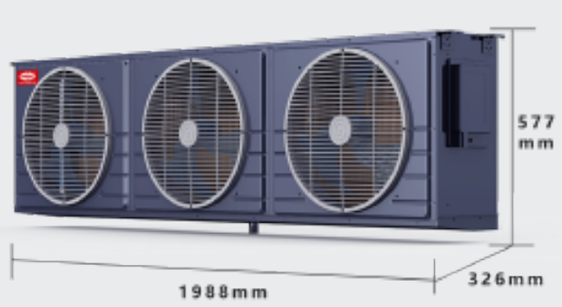
Inverter Unit Cooler		
PISF-05WSa1/I		
Unit Cooler	Air Flow	4000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 52 dB(A)
	Motor Power	150 W
	Defrosting Power	800W
	Net Weight	32.2 kg
	L*W*H	1357*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-08Wa1/O



PISF-08Wa1/I



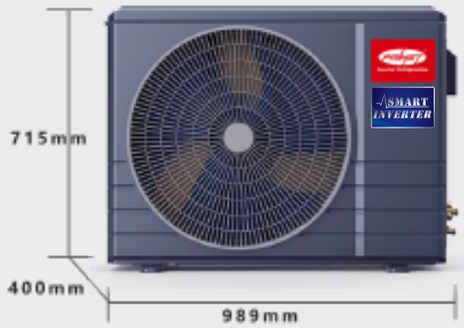
Technical Data	
PISF-08Wa1	
Data tested in Lab under rated condition	
8HP	
Normial Heating	16500W
Norminal Capacity (Room@27℃, Ambient @32℃)	16000W
Room Temperature	Cooling Capacity(W)
20℃	13800
15℃	12600
10℃	12100
5℃	10900
0℃	9500
–5℃	8600
–10℃	7700
–15℃	6400
–20℃	5800
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤170 m³
Stuffing Q'ty（0℃）	≤34 Ton
Suitable Room （-20℃）	≤90 m³
Stuffing Q'ty（-20℃）	≤18 Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	220V/50Hz
Power Consumption	830 W ~ 5500 W
Rated total cooling capacity	14000W
Rated effective power input, cooling	3880W
Rated heating capacity	15000W
Rated effective power input, heating	4150W
EER	3.6
COP	3.61
Max Current	26.2A
Refrigerant/Amt.	R410a/2000g
Piping (Inner Grooved)	Φ6.35/Φ12.7

Inverter Condensing		
PISF-08Wa1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	53.5kg
	Noise	40 ~ 58 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

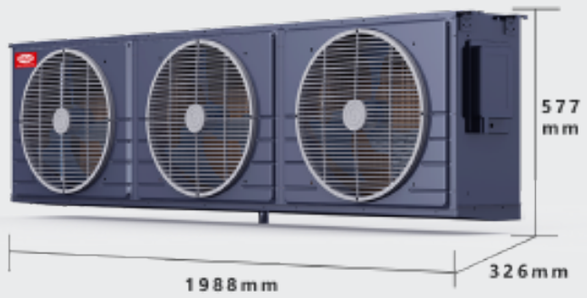
Inverter Unit Cooler		
PISF-08Wa1/I		
Unit Cooler	Air Flow	6000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 54 dB(A)
	Motor Power	210 W
	Defrosting Power	1200W
	Net Weight	47.3 kg
	L*W*H	1988*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-08WSa1/O



PISF-08WSa1/I



Technical Data	
PISF-08WSa1	
Data tested in Lab under rated condition	
8HP/3Phase	
Normial Heating	16500W
Norminal Capacity (Room@27℃, Ambient @32℃)	16000W
Room Temperature	Cooling Capacity(W)
20℃	13800
15℃	13000
10℃	12700
5℃	11500
0℃	1000
–5℃	9100
–10℃	8300
–15℃	7600
–20℃	6800
Temp. Set Range	+40℃～-20℃
Suitable Room （0℃）	≤190 m³
Stuffing Q'ty（0℃）	≤38Ton
Suitable Room （-20℃）	≤100 m³
Stuffing Q'ty（-20℃）	≤20 Ton
Ambient Range	–35℃～+65℃
Power Supply	380V 3N～/50Hz
Power Consumption	830 W～6800 W
Rated total cooling capacity	14000W
Rated effective power input, cooling	3880W
Rated heating capacity	15000W
Rated effective power input, heating	4150W
EER	3.6
COP	3.61
Max Current	12.9A
Refrigerant/Amt.	R410a/2000g
Piping (Inner Grooved)	Φ6.35/Φ12.7

Inverter Condensing		
PISF-08WSa1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	54.5 kg
	Noise	40～58 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

Inverter Unit Cooler		
PISF-08WSa1/I		
Unit Cooler	Air Flow	6000 m³/h
	Power Supply	220V/50Hz
	Noise	46～54 dB(A)
	Motor Power	210 W
	Defrosting Power	1200W
	Net Weight	47.3 kg
	L*W*H	1988*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-10WSa1/O



PISF-10WSa1/I



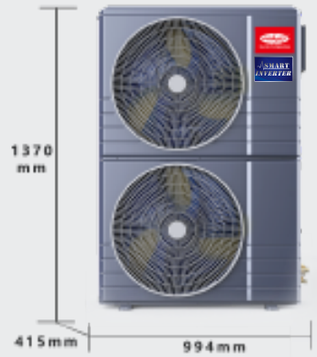
Technical Data	
PISF-10WSa1	
Data tested in Lab under rated condition	
10HP/3Phase	
Normial Heating	21000W
Norminal Capacity (Room@27℃, Ambient @32℃)	18000W
Room Temperature	Cooling Capacity(W)
20℃	16200
15℃	13300
10℃	12700
5℃	12300
0℃	11700
–5℃	9900
–10℃	8600
–15℃	7900
–20℃	7500
Temp. Set Range	+40℃～-20℃
Suitable Room （0℃）	≤250 m³
Stuffing Q'ty（0℃）	≤50 Ton
Suitable Room （-20℃）	≤160 m³
Stuffing Q'ty（-20℃）	≤32 Ton
Ambient Range	–35℃～+65℃
Power Supply	380V 3N～/50Hz
Power Consumption	1050 W～9800 W
Rated total cooling capacity	16000W
Rated effective power input, cooling	4400W
Rated heating capacity	17000W
Rated effective power input, heating	4700W
EER	3.63
COP	3.62
Max Current	18.6A
Refrigerant/Amt.	R410a/3500g
Piping (Inner Grooved)	Φ9.52/Φ16

Inverter Condensing		
PISF-10WSa1/O		
Condensing Unit	Air Flow	6000 m³/h
	Net Weight	88 kg
	Noise	42～66 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	879×1060×488mm

Inverter Unit Cooler		
PISF-10WSa1/I		
Unit Cooler	Air Flow	6500 m³/h
	Power Supply	220V/50Hz
	Noise	46～56 dB(A)
	Motor Power	240 W
	Defrosting Power	1200W
	Net Weight	59.5 kg
	L*W*H	1638*766*447mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-12WSa1/O



PISF-12WSa1/I



Technical Data	
PISF-12WSa1	
Data tested in Lab under rated condition	
12HP/3Phase	
Normial Heating	23500W
Norminal Capacity (Room@27℃, Ambient @32℃)	23000W
Room Temperature	Cooling Capacity(W)
20℃	23500
15℃	21800
10℃	19800
5℃	19100
0℃	15800
–5℃	14600
–10℃	12600
–15℃	11900
–20℃	9800
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤480 m³
Stuffing Q'ty （0℃）	≤96 Ton
Suitable Room （-20℃）	≤250 m³
Stuffing Q'ty （-20℃）	≤50Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	380V 3N ~ /50Hz
Power Consumption	1300 W ~ 11000 W
Rated total cooling capacity	20000W
Rated effective power input, cooling	5500W
Rated heating capacity	21000W
Rated effective power input, heating	5800W
EER	3.63
COP	3.62
Max Current	20.9A
Refrigerant/Amt.	R410a/3600g
Piping (Inner Grooved)	Φ9.52/Φ16

Inverter Condensing		
PISF-12WSa1/O		
Condensing Unit	Air Flow	8500 m³/h
	Net Weight	102 kg
	Noise	42 ~ 60 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	994*1370*415mm

Inverter Unit Cooler		
PISF-12WSa1/I		
Unit Cooler	Air Flow	6500 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 56 dB(A)
	Motor Power	240 W
	Defrosting Power	1200W
	Net Weight	59.5 kg
	L*W*H	1638*766*447mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-16WSa1/O



PISF-16WSa1/I



Technical Data	
PISF-16WSa1	
Data tested in Lab under rated condition	
16HP/3Phase	
Normial Heating	31000W
Norminal Capacity (Room@27℃, Ambient @32℃)	30000W
Room Temperature	Cooling Capacity(W)
20℃	29200
15℃	25000
10℃	23400
5℃	21200
0℃	18800
–5℃	17300
–10℃	15200
–15℃	12800
–20℃	10500
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤700 m³
Stuffing Q'ty （0℃）	≤140 Ton
Suitable Room （-20℃）	≤350 m³
Stuffing Q'ty （-20℃）	≤70Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	380V 3N ~ /50Hz
Power Consumption	2000 W ~ 13500 W
Rated total cooling capacity	30000W
Rated effective power input, cooling	8300W
Rated heating capacity	31500W
Rated effective power input, heating	8750W
EER	3.61
COP	3.6
Max Current	25.6A
Refrigerant/Amt.	R410a/3500g
Piping (Inner Grooved)	Φ9.52/Φ19

Inverter Condensing		
PISF-16WSa1/O		
Condensing Unit	Air Flow	12000 m³/h
	Net Weight	123 kg
	Noise	45 ~ 65 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	1031*1674*488mm

Inverter Unit Cooler		
PISF-16WSa1/I		
Unit Cooler	Air Flow	9000 m³/h
	Power Supply	220V/50Hz
	Noise	50 ~ 58 dB(A)
	Motor Power	320 W
	Defrosting Power	1500W
	Net Weight	85Kg
	L*W*H	2403*766*447mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-20WSa1/O



PISF-20WSa1/I



Technical Data	
PISF-20WSa1	
Data tested in Lab under rated condition	
20HP/3Phase	
Normial Heating	44000W
Norminal Capacity (Room@27℃, Ambient @32℃)	43000W
Room Temperature	Cooling Capacity(W)
20℃	40500
15℃	35200
10℃	29900
5℃	27200
0℃	22900
–5℃	22100
–10℃	19700
–15℃	18000
–20℃	14760
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤800 m³
Stuffing Q'ty （0℃）	≤160 Ton
Suitable Room （-20℃）	≤450 m³
Stuffing Q'ty（-20℃）	≤90Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	380V 3N ~ /50Hz
Power Consumption	2000 W ~ 15000 W
Rated total cooling capacity：	32000W
Rated effective power input, cooling：	8800W
Rated heating capacity：	34000W
Rated effective power input, heating：	9400W
EER:	3.63
COP:	3.62
Max Current	28.5A
Refrigerant/Amt.	R410/5000g
Piping (Inner Grooved)	Φ9/Φ19

Inverter Condensing		
PISF-20WSa1/O		
Condensing Unit	Air Flow	12000 m³/h
	Net Weight	147 kg
	Noise	45 ~ 68 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	1031*1674*488mm

InverterUnit Cooler		
PISF-20WSa1/I		
Unit Cooler	Air Flow	9000 m³/h
	Power Supply	220V/50Hz
	Noise	50 ~ 58 dB(A)
	Motor Power	320 W
	Defrosting Power	1500W
	Net Weight	85Kg
	L*W*H	2403*766*447mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-40WSa1/O



PISF-40WSa1/I



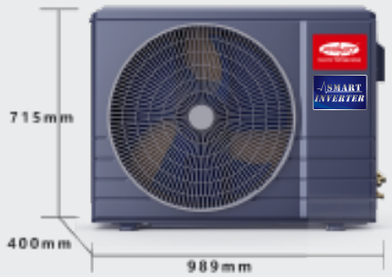
Technical Data	
PISF-40WSa1	
Data tested in Lab under rated condition	
40HP/3Phase	
Normial Heating	86000W
Norminal Capacity (Room@27℃, Ambient @32℃)	85000W(3000-85000)
Room Temperature	Cooling Capacity(W)
20℃	77000
15℃	66800
10℃	56800
5℃	51700
0℃	43500
–5℃	42000
–10℃	37400
–15℃	34200
–20℃	28000
Temp. Set Range	+40℃ ~ -20℃
Suitable Room （0℃）	≤1500 m³
Stuffing Q'ty（0℃）	≤300 Ton
Suitable Room （-20℃）	≤800 m³
Stuffing Q'ty（-20℃）	≤160Ton
Ambient Range	–35℃ ~ +65℃
Power Supply	380V 3N ~ /50Hz
Power Consumption	5000 W ~ 28000 W
Rated total cooling capacity	60000W
Rated effective power input, cooling	16600W
Rated heating capacity	65000W
Rated effective power input, heating	18000W
EER	3.61
COP	3.6
Max Current	58.6A
Refrigerant/Amt.	2-R410/6000g
Piping (Inner Grooved)	Φ9.52/Φ19

Inverter Condensing		
PISF-40WSa1/O		
Condensing Unit	Air Flow	23000 m³/h
	Net Weight	395 kg
	Noise	48 ~ 69 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	1710×930×1760mm

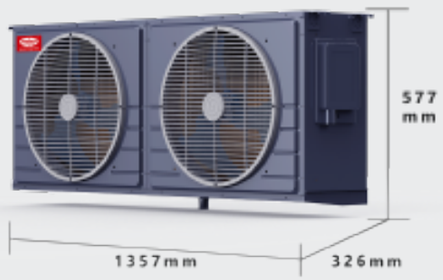
Inverter Unit Cooler		
PISF-40WSa1/I		
Unit Cooler	Air Flow	9000 m³/h
	Power Supply	220V/50Hz
	Noise	50 ~ 58 dB(A)
	Motor Power	320 W
	Defrosting Power	1500W
	Net Weight	85Kg
	L*W*H	2403*766*447mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

PISF-06WZa1/O



PISF-06WZa1/I



Technical Data	
PISF-06WZa1	
Data tested in Lab under rated condition	
6HP	
Normial Heating	12000W
Norminal Capacity	9500W
Room Temperature	Cooling Capacity(W)
20℃	8000
15℃	7000
10℃	6500
5℃	6200
0℃	5500
–5℃	4800
–10℃	4400
–15℃	4000
–20℃	3500
–25℃	3200
–30℃	2800
–35℃	2600
–40℃	2000
Temp. Set Range	+40℃ ~ -40℃
Suitable Room （0℃）	≤90 m³
Stuffing Q'ty（0℃）	≤18 Ton
Suitable Room （-20℃）	≤50 m³
Stuffing Q'ty（-20℃）	≤10 Ton
Suitable Room （-35℃）	≤20 m³
Stuffing Q'ty（-35℃）	≤3 Ton
Ambient Range	–45℃ ~ +65℃
Power Supply	220V 1N ~ /50Hz
Power Consumption	400 W ~ 4600 W
Max Current	20.9A
Refrigerant/Amt.	R410a/2000g
Piping (Inner Grooved)	Φ6.35/Φ9.52

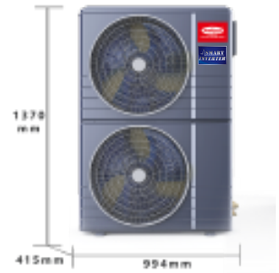
Inverter Condensing		
PISF-06WZa1/O		
Condensing Unit	Air Flow	3800 m³/h
	Net Weight	58 kg
	Noise	40 ~ 60 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	989*715*400mm

Inverter Unit Cooler		
PISF-06WZa1/I		
Unit Cooler	Air Flow	4000 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 52 dB(A)
	Motor Power	150 W
	Defrosting Power	800W
	Net Weight	33 kg
	L*W*H	1357*577*326mm
	Drainage	1 Inch (Outer 32mm)

TECHNICAL SPECIFICATION

Technical Data	
PISF-12WSXa1	
Data tested in Lab under rated condition	
12HP/3Phase	
Normial Heating	24000W
Norminal Capacity	22000W(1000-22000)
Room Temperature	Cooling Capacity(W)
20℃	17000
15℃	16000
10℃	15300
5℃	14500
0℃	12000
–5℃	11000
–10℃	9800
–15℃	9000
–20℃	8000
–25℃	7200
–30℃	6000
–35℃	5500
–40℃	5000
Temp. Set Range	+40℃ ~ -40℃
Suitable Room （0℃）	≤380m³
Stuffing Q'ty（0℃）	≤76 Ton
Suitable Room （-20℃）	≤210 m³
Stuffing Q'ty（-20℃）	≤42 Ton
Suitable Room （-35℃）	≤60 m³
Stuffing Q'ty（-35℃）	≤12 Ton
Ambient Range	–45℃ ~ +65℃
Power Supply	380V 3N ~ /50Hz
Power Consumption	1200 W ~ 9000 W
Max Current	16.5A
Refrigerant/Amt.	R410a/3600g
Piping (Inner Grooved)	Φ9.52/Φ16

PISF-12WXSa1/O



PISF-12WXSa1/I



Inverter Condensing		
PISF-12WSXa1/O		
Condensing Unit	Air Flow	8500 m³/h
	Net Weight	112kg
	Noise	45 ~ 68 dB(A)
	Flow Valve	Electronic Expansion Valve
	L*W*H	994*1370*415mm

Inverter Unit Cooler		
PISF-12WSXa1/I		
Unit Cooler	Air Flow	6500 m³/h
	Power Supply	220V/50Hz
	Noise	46 ~ 56 dB(A)
	Motor Power	240 W
	Defrosting Power	1200W
	Net Weight	60 kg
	L*W*H	1638*766*447mm
	Drainage	1 Inch (Outer 32mm)