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# *FLOOR STANDING*

LIGHT COMMERCIAL  
AIR CONDITIONING

# HESTIA

FLOOR STANDING



46.000 BTU



INVERTER



## Copper pipes with internal grooves

Internal grooves in high-quality copper piping increase the overall surface interface of copper, resulting in excellent thermal conductivity (thermal conductivity of copper piping increases by 20-30% compared to simple smooth inner surface piping).



## Large volume air supply

Large diameter fan impellers offer a volume of air flow up to 780m<sup>3</sup> (12k) with low noise levels.

B

A

S

I

C

M

O

D

E

S



Timer



Auto restart



Auto defrost



Low temperature operation



2 ways of pipe connection



Electrical resistance



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LIGHT COMMERCIAL / FLOOR STANDING CABINETS / HESTIA

# ARTEMIS

FLOOR STANDING



50.000 BTU



R 32



INVERTER



## Copper pipes with internal grooves

Internal grooves in high-quality copper piping increase the overall surface interface of copper, resulting in excellent thermal conductivity (thermal conductivity of copper piping increases by 20-30% compared to simple smooth inner surface piping).



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B A S I C M O D E S



Timer



Auto restart



Auto defrost



Low temperature operation



2 ways of pipe connection



Electrical resistance

STAND UP  
FOR FRESHNESS



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LIGHT COMMERCIAL / FLOOR STANDING CABINETS / ARTEMIS

# ATHENA

FLOOR STANDING



60.000 BTU



B A S I C M O D E S



Timer



Auto restart



Auto defrost



Low temperature operation



2 ways of pipe connection



Electrical resistance



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LIGHT COMMERCIAL / FLOOR STANDING CABINETS / ATHENA



▶ TABLES  
OF TECHNICAL  
CHARACTERISTICS





Model		FSFU - 46 DCHES - ID / OD	
<b>Power supply</b>		Ph - V - Hz	380 - V / 50Hz / 3PH
<b>Cooling</b>	Rated cooling	Btu / h	41626 (23884 ~ 46774)
	Cooling power input	W	12200 (7000 ~ 13700)
	Cooling output	W	3800 (1700 ~ 5000)
	Cooling power output	A	8,2 (3,7 ~ 10,9)
	EER	W / W	3,21 / A
<b>Heating</b>	Rated heating	Btu / h	41968 (22178 ~ 47768) + 10236
	Heating power input	W	12300 (6500 ~ 14000) + 3000
	Heating output	W	3400 (1550 ~ 5500) + 3000
	Heating power output	A	7,4 (3,4 ~ 11,9) + 4,6
	COP	W / W	3,62 / A
<b>Additional electric heating power (real / tag)</b>		W	3000
<b>Additional input electric heating power (real / tag)</b>		A	4,6
<b>Maximum input consumption</b>		W	8500
<b>Max. current</b>		A	16,5
<b>Compressor</b>	Type	Rotary	

The company reserves the right to change the technical characteristics without notice.



Model	SFSU - 46 DCHES - ID / OD		
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<b>Indoor unit</b>		Model		YDK - 90 - 10G 1 A050501000002 - A0
		Input power	W	280
		Capacity	uF	5µF / 450V
		Fan speed	r / min	High 440 ± 20rpm Med 340 ± 20rpm Low 270 ± 20rpm
	Indoor fan	dia. x length	mm	Ø 380 x 180
	Air flow volume		m <sup>3</sup> / h	1700
	Indoor unit sound power dB		dB (A)	46 ~ 54
	Net dimension (W x D x H)		mm	600 x 313 x 1868
	Packing dimension (W x D x H)		mm	750 x 520 x 2085
Net / gross weight		Kg	59 / 75	
<b>Outdoor unit</b>		Input power	W	210
		Capacity	uF	6uF / 450V
		Fan speed	r / min	850 / 800
	Outdoor motor	dia. x high	mm	Ø 552 * 142
	Outdoor unit sound power dB		dB (A)	59
	Net dimension (W x D x H)		mm	970 x 370 x 790
	Packing dimension (W x D x H)		mm	1120 x 485 x 900
	Net / gross weight		Kg	70 / 78
	Refrigerant / refrigerant charged		g	R410A / 3200g
	Design pressure (Hi / Low)		MPa	4,2 / 1,3
<b>Piping size</b>	Liquid / gas		mm	Ø 9,52 + Ø 19,05 x 5000
	Max. refrigerant pipe length / max. level difference		m	15 / 5

Model		SFSU - 55 DMA - ART	
Power supply		Ph - V - Hz	380 - 415V, 3Ph, 50Hz
Rated cooling	Capacity	Btu / h	51000 (18000 ~ 57000)
Rated cooling	Capacity	kW	14,95 (5,28 ~ 16,71)
Cooling power input		W	4965 (1147 ~ 6682)
Cooling current		A	8,07(1,8 ~ 11,6)
EER		W / W	3,01 / A
Rated heating	Capacity	Btu / h	60000 (15000 ~ 66000)
Rated heating	Capacity	kW	17,58 (4,4 ~ 19,34)
Heating power input		W	5156 (1022 ~ 6448)
Heating current		A	8,46 (1,6 ~ 11,2)
COP		W / W	3,41 / A
Seasonal cooling	Pdesignc	kW	14,7
	SEER	W / W	6,1
	Seasonal space cooling energy eff. ( $\eta_{s,c}$ )	%	241
Heating (average)	Pdesignh	kW	11,0
	SCOP	W / W	4,0
	Seasonal space heating energy eff. ( $\eta_{s,h}$ )	%	157
	Tbiv	°C	-7
Tol		°C	-15
Moisture removal		L / h	5,3
Max input consumption		W	6200
Max. current		A	11,2
Compressor	Type		ROTARY
	Brand		GMCC
	Capacity	Btu / h	46744
	Input	W	3700
	Rated current (RLA)	A	7,02
	Thermal protector position		External
	Refrigerant oil / oil charge	ml	VG74 / 1400
Outdoor fan motor	Output	W	210
	Speed (Hi / Mi / Lo)	r / min	540 / 500 / 460
Indoor air flow (Hi / Mi / Lo)		m <sup>3</sup> / h	2413 / 2222 / 2027
Indoor sound pressure level (Hi)		dB (A)	65



Model			SFSU - 55 DMA - ART
Indoor unit	Net dimension (W x D x H)	mm	1935 * 629 * 456
	Packing dimension (W x D x H)	mm	2055 * 750 * 575
	Net / gross weight	Kg	58,3 / 77,8
Indoor coil	a. Number of rows		3
	b. Tube pitch (a) x row pitch (b)	mm	25,4 x 22
	c. Fin spacing	mm	1,5
	d. Fin type (code)		Hydrophilic aluminium
	e. Tube outside dia and type	mm	Ø 9,52, innergroove tube
	f. Coil length x height x width	mm	510 x 864 x 66
	g. Number of circuits		8
Outdoor fan motor	Model		ZFKN - 85 - 8 - 22
	Quantity		2
	Input	W	126
	Capacitor	uF	-
	Speed	r / min	850
Outdoor coil	a. Number of rows		1,6
	b. Tube pitch (a) x row pitch (b)	mm	25,4 x 22
	c. Fin spacing	mm	1,4
	d. Fin type (code)		Hydrophilic aluminium
	e. Tube outside dia and type	mm	Ø 9,52, innergroove tube
	f. Coil length x height x width	mm	990 x 1270 x 22 + 500 x 1270 x 22
	g. Number of circuits		8
Outdoor air flow		m <sup>3</sup> / h	7500
Outdoor sound pressure level		dB (A)	69
Outdoor unit	Net dimension (W * D * H)	mm	952 x 415 x 1333
	Packing dimension (W * D * H)	mm	1095 x 495 x 1480
	Net / gross weight	Kg	106,7 / 119,9
Refrigerant	Type		R32
	GWP		675
	Charged quantity	Kg	2,8
Design pressure		MPa	4,3 / 1,7
Piping size	Liquid side / Gas side	mm (inch)	Ø 9,52 / Ø 15,9 (3/8", 5/8")
	Max. refrigerant pipe length	m	65
	Max. difference in level	m	30
Plug type			5 * 2,5 / no-plug
Thermostat type			Remote Control
Operation temperature	Indoor (cooling / heating)	°C	17 ~ 32 / 0 ~ 30
	Outdoor (cooling / heating)	°C	-15 ~ 50 / -25 ~ 30
Application area	Minimum	m <sup>2</sup>	-15 ~ 50
	Maximum	m <sup>2</sup>	-15 ~ 24

# ATHENA

floor standing cabinets



Model (indoor / outdoor unit)		SFSU - 60DAUATH - ID / OD	
Rated capacity	Cooling	Btu / h	58000
		kW	17
	Heating	Btu / h	60000
		kW	17,5
Electric data	Power supply	V~, Hz, Ph	380 ~ 415 - 3 - 50Hz
	Cooling power input	W	6800
	Heating power input	W	6900
	Cooling rated running current	A	12,2
	Heating rated running current	A	12,7
	Max. input power	W	7400
	Max. input current	A	14
	EER cooling	W / W	2,5 / A
	COP heating		2,62 / A
Compressor	Model		C-SBP185H38A
Performance	Max. discharge pressure	Mpa	4,15
	Max. suction pressure	Mpa	1,15
	Air flow volume	m <sup>3</sup> / h	1900
	Sound pressure noise level	dB (A)	57
	Sound power noise level	dB (A)	58
Dimensions	Indoor (W x D x H)	mm	580 x 1925 x 400
	Outdoor (W x D x H)	mm	945 x 340 x 1255
Net weight	Indoor	kg	54
	Outdoor	kg	102
Refrigerant			R410A
Refrigerant charged		g	3600
Pipe diameter	Liquid side	mm (inch)	9,52 (3/8)"
	Gas side	mm (inch)	19,05 (3/4)"

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