



ForestAir

E-23

SERIES



Efficient
heating up to

-25°C

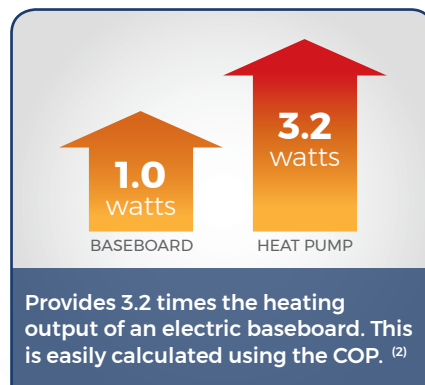
Efficient
cooling up to

+46°C

AFFORDABLE AND EFFICIENT TO SUIT YOUR LIFESTYLE



SEER	EER	HSPF	COP (At 8°C)	dB(A)
23	14.3	10.5	3.2	29
In Cooling Operation ⁽¹⁾		In Heating Operation ⁽¹⁾		Ind. Sound



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⁽¹⁾ Performance may vary depending on the model and capacity of the unit.

⁽²⁾ The comparison is based on the COP value of the unit (Coefficient of Performance). The COP indicates the heat output in watts for one (1) watt of electricity input. The COP values shown are tested at an outdoor temperature of 8 °C (47 °F) under normal ARI 210/240 test conditions. The COP may vary depending on the capacity of the unit and the outdoor temperature.

ForestAir
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E-23 SERIES



Multifunction
Remote Control



Thermostat
(optional)



Wi-Fi Module
(optional)



E-23 SERIES			9000	12000	18000	24000
Indoor Unit :			FGH-09E-E23-I	FGH-12E-E23-I	FGH-18E-E23-I	FGH-24E-E23-I
Outdoor Unit :			FGH-09E-E23-O	FGH-12E-E23-O	FGH-18E-E23-O	FGH-24E-E23-O
AHRI Reference Code :			206720373	206720374	206720375	
Power Supply		V/Hz/Ph	208-230 / 60 / 1			
SYSTEM PERFORMANCE						
Capacity	Cooling	BTU/hr	9000 (3100 – 9600)	12000 (3100 – 13000)	18000 (6800 – 20000)	22000 (6824 – 27296)
	Heating	BTU/hr	11000 (1911 – 12000)	13000 (2400 – 14000)	19800 (7340 – 23500)	23000 (6824 – 30708)
Power Input	Cooling	W	630 (160 – 1300)	960 (200 – 1350)	1435 (450 – 2150)	1830 (450 – 3000)
	Heating	W	1020 (160 – 1350)	1100 (400 – 1400)	1730 (580 – 2600)	2000 (450 – 3000)
SEER		BTU/W*hr	23.0	22.0	20.0	20.0
EER		BTU/W*hr	14.29	13.0	12.5	12.02
HSPF		BTU/W*hr	10.5	10.1	10.0	10.0
COP		W/W (BTU/W)	3.16 (10.78)	3.46 (11.82)	3.35 (11.45)	3.37 (11.5)
Energy Star®		—	Oui	Oui	Oui	Oui
Minimum Circuit Ampacity (MCA)		A	9	9	16	20
Maximum Overcurrent Protection (MOP)		A	15	15	25	30
INDOOR UNIT SPECIFICATIONS			FGH-09E-E23-I	FGH-12E-E23-I	FGH-18E-E23-I	FGH-24E-E23-I
Moisture Removal Capacity		L/hr (pt/hr)	0.80 (1.69)	1.40 (2.96)	1.80 (3.80)	2.00 (4.23)
Airflow Volume		m³/hr (CFM)	640 / 490 / 410 / 290 (377 / 288 / 241 / 171)	680 / 490 / 410 / 290 (400 / 288 / 241 / 171)	950 / 830 / 700 / 570 (559 / 488 / 412 / 335)	1200 / 1100 / 1000 / 900 (706 / 647 / 589 / 530)
Sound Pressure Level		dB(A)	43 / 39 / 35 / 29	45 / 39 / 35 / 29	47 / 43 / 40 / 39	48 / 44 / 40 / 36
Dimensions	Width	mm (in)	845 (33-1/4)	845 (33-1/4)	970 (38-13/64)	1078 (42-7/16)
	Height	mm (in)	289 (11-3/8)	289 (11-3/8)	300 (11-13/16)	325 (12-51/64)
	Depth	mm (in)	209 (8-7/32)	209 (8-7/32)	224 (8-13/16)	246 (9-11/16)
Weight	Net	kg (lb)	10 (22.05)	10 (22.05)	12.5 (27.6)	15.5 (34.2)
	Gross	kg (lb)	12 (26.46)	12 (26.46)	15.5 (34.2)	19 (41.9)
OUTDOOR UNIT SPECIFICATIONS			FGH-09E-E23-O	FGH-12E-E23-O	FGH-18E-E23-O	FGH-24E-E23-O
Ambient Temperature	Cooling	C° (F°)	-18 à 46 (0 à 115)			
	Heating	C° (F°)	-25 à 24 (-13 à 75)			
Sound Pressure Level		dB(A)	53	54	55	59
Dimensions	Width	mm (in)	848 (33-13/32)	848 (33-13/32)	965 (38)	980 (38-37/64)
	Height	mm (in)	540 (21-1/4)	540 (21-1/4)	700 (27-9/16)	790 (31-7/64)
	Depth	mm (in)	320 (12-19/32)	320 (12-19/32)	396 (15-19/32)	427 (16-13/16)
Weight	Net	kg (lb)	35.5 (78.26)	39 (85.98)	48 (105.8)	64.5 (142.2)
	Gross	kg (lb)	38 (83.78)	42 (92.59)	52.5 (115.8)	69.5 (153.2)
REFRIGERATION SYSTEM						
Suction Line Size		mm (in)	ø 9.52 (3/8)	ø 12.07 (1/2)	ø 15.88 (5/8)	ø 15.88 (5/8)
Liquid Line Size		mm (in)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
Standard Pipe Length		m (ft)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)	7.5 (24.6)
Maximum Pipe Length		m (ft)	15 (49.2)	20 (65.6)	25 (82)	25 (82)
Maximum Pipe Elevation		m (ft)	10 (32.8)	10 (32.8)	10 (32.8)	10 (32.8)
Refrigerant Type / Charge		kg (oz)	R410A / 1.3 (45.86)	R410A / 1.35 (47.62)	R410A / 1.6 (56.44)	R410A / 2.2 (77.6)



Sunrise Tradex Corp.
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GREE
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CANADA

THERM LUX

Authorized dealer

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