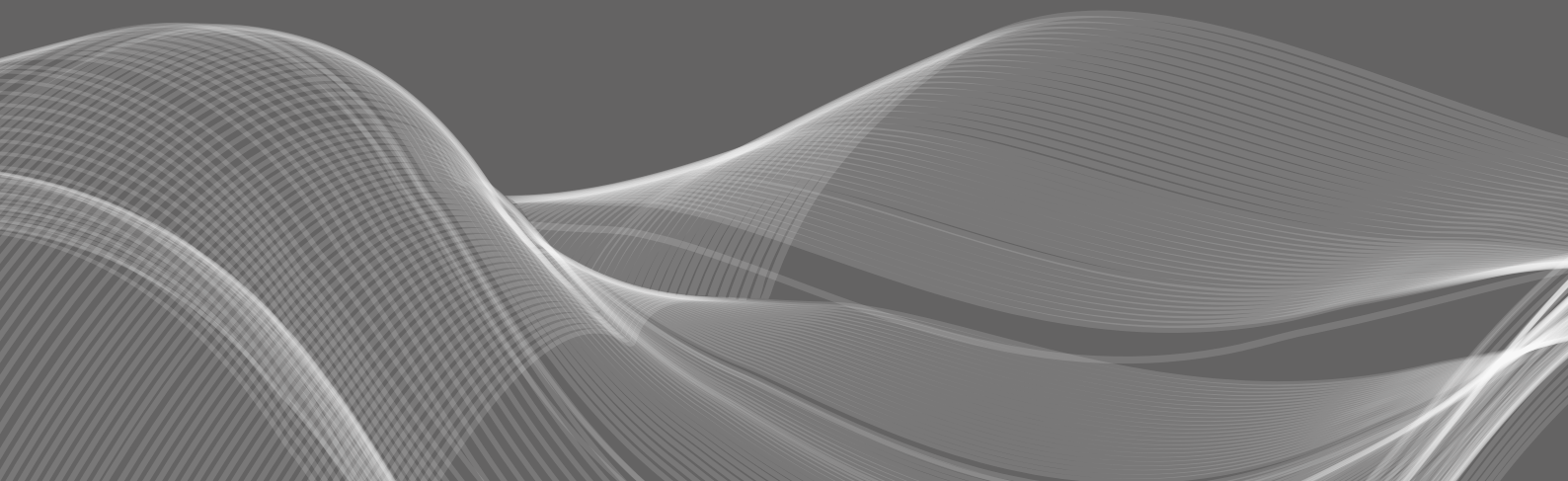


**General
Catalogue**

2026

ENERGY[®]
Since 1969



Heating

	GH 0625 / GH 0640 GH 0618 / GH 0825 / GH 0845 GH 0846 / GH 0860	Gas	HEATER
	GR 0030 / GR 0055 / GR 0095 GR 0100 / GR 0200	Gas Infrared	
	EH 0150 EH 0020 / EH 0045	Electrical	
	GF 0760 / GF 1560 GF 3060 / GF 2060 hi / GF 2560 OF 0700 / OF 1500 / OF 3000	Gas Gasoil	
Page 56 Page 57 Page 58 Page 59 Page 61	Natural gas pipe sizing table Gas - Fired Unit Heaters Gas - Fired Unit Heaters Dimensional Comparison of Heating User Guide	Comparison & Dimensions	TABLE

Cooling

 Page 25  Page 27  Page 29	EC 0280 / EC 0570 EC 0710 / EC 0350 EC 0550 / EC 0700	SIDE-FLOW induction Electric Motor	RESIDENTIAL EVAPORATIVE COOLER
 Page 31  Page 33  Page 35	EC 0550 PB / EC 0750 PB EC 0750 PB+ / AC 1200 P EC 0750 B	SIDE-FLOW Thermostatic variable speed BLDC Electric Motor	
 Page 37	VC 0380 / VC 0600	UP-FLOW induction Electric Motor	
 Page 39  Page 41	EC 1100 T EC 1800 / EC 2500	SIDE-FLOW induction Electric Motor	INDUSTRIAL EVAPORATIVE COOLER
 Page 43  Page 45	AC 2000 B / IDC 0450 B	SIDE-FLOW BLDC Electric Motor	
 Page 47  Page 49  Page 51  Page 53	GH 0660 / GM 0680 / GM 0725 EH C5000 / EH F 5000	Dual Modes	DUCTED HEATING & COOLING
 Page 55  Page 55 	FC 0280 FC FH	Cooler Stand Cooler Stand Terrace heater base	STAND
Page 60 Page 62	Dimensional Comparison of Cooling User Guide	Comparison & Dimensions	TABLE

Guide to symptoms



EU Standard



Eurasian Union
Standard



ERP Standard



High efficiency



External
combustion
air supply



Exhaust fan



Fast
heating



Flue
sensor



Low noise



Fast
Heating



Wind
protection



Easy locating



Thermostat



Timer



Easy
maintenance



Moisture
Resistant



Automatic



Electric
spark ignition



Summer
operation



Easy
installation



Fan



Air filter



Three phase



Single phases

Note: The Calorific value of each cubic meter of natural gas is 9300 (kal / h), each liter of kerosene is 8800 (kal / h), and each of gas-oil is 9000(kal / h)

NG: Natural Gas

LPG: Liquefied Petroleum Gas

Guide to symptoms



EU Standard



BLDC Motor



Low consumption



Air ventilation



Timer



Remote control



Evaporation Efficiency



Variable speed



Thermostatic



Overcoming duct pressure drop



Low noise



Safety control
RCCB



Single phases
1PH



Three phases
3PH



Auto Darin



Easy installation



Easy maintenance



Automatic



Air filter



Child lock

Applications



Mosque



Commercial



Sports venue



Welfare
& Restaurant



Educational
& Cultural



Clinic



Residential



Industrial



Agriculture
& Poultry farming



Office

■ Features

- CE Certified, 1312BT5186
- High thermal efficiency
- Fast heating with proper hot Air distribution by low-noise axial fan
- Can be equipped with thermostatic control system (as order)
- High safety by thermostatic fan-limit control system
- Gas control valve (SIT Group - ITALY)
- Natural Gas (can be converted to LPG – as order)
- Can be equipped with an exhaust fan and flue control sensor except LPG type (as order)
- Rust-resistant body with epoxy polyester coating
- High thermal resistance internal components with silicon coating (up to 450°C)
- Flame monitoring system
- Adjustable air distribution
- Indoor Installation
- Ability to install on base and wall

GH 0640



■ Applications



Office



Commercial



Sports
venue



Industrial



Welfare
& Restaurant



Mosque

GH 0625



Specifications	Unit	GH 0625	GH 0625L	GH 0640	GH 0640L
Fuel Type	-	NG	LPG	NG	LPG
Fuel Consumption	Per hour	2.7 m³	1.8 Kg	4.8 m³	2.8 Kg
Heat Input	kcal/h (kW)	25000 (29)	22000 (26)	45000 (52)	33000 (38)
Thermal Efficiency	%	78			
Heating Space (Approx.)	m³	400 - 700	300 - 500	700 - 900	500 - 800
Electrical	A, V, ph	1 , 220 , 1			
Sound Volume	dB(A)	58		59	
Air Flow	cfm (m³/h)	1060 (1800)		2060 (3500)	
Throw	m	9		12	
Dimensions Height, Length, Width	cm	83.5 × 41 × 70		100 × 60 × 71	
NOx Class	-	3			
Weight (Gross)	kg	56 + 2		84 + 3	
Flue Diameter	cm	10		15	

GH 0625-GH 0640



GH 0625 A - GH 0640 A (Note1)



GH 0625 Sa - GH 0640 Sa (Note2)



Note 1: GH0625A-GH0640A fully automatic only natural gas

Note 2: GH0625Sa-GH0640Sa equipped with Exhaust fan and sensor

Note 3: L mean LPG gas

■ Features

- CE Certified, 1312CS6199
- High thermal efficiency by using the in-shot burner
- Increase thermal surface with tubular heat exchanger
- Durability and high corrosion resistance with aluminized steel heat exchanger
- Rust-resistant body with epoxy polyester coating
- Fast heating with low noise axial fan
- Gas control valve (SIT Group - ITALY)
- Forced draft flue with centrifugal exhaust fan
- Combustion air supply from outside (type C) or inside (type B)
- Flue performance control with pressure switch
- High Safety by thermostatic fan-limit control system
- Heat exchanger overheating protection
- Electronic board and Flame monitoring system
- Automatic troubleshooting
- Low fuel consumption with thermostatic control system
- Ability to install on base and wall
- Natural gas (can be converted to LPG – as order)
- Indoor Installation

GH 0618



GH 0825



GH 0845



■ Applications



Clinic



Residential



Industrial



Agriculture & Poultry farming



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural

Specifications	Unit	GH 0618	GH 0618L	GH 0825	GH 0825L	GH 0845	GH 0845L
Fuel Type	-	NG	LPG	NG	LPG	NG	LPG
Fuel Consumption	Per hour	1.9 m³	1.5 kg	2.7 m³	2 kg	4.8 m³	3.8 kg
Heat Input	kcal/h (kW)	18000 (21)		25000 (29)		45000 (52)	
Thermal Efficiency	%	81.5		81.5		84	
Heating Space (Approx.)	m³	200 - 360		400 - 700		700 - 900	
Electrical	A, V, ph	1, 220, 1					
Sound Volume	dB(A)	53		59		55	
Air Flow	cfm (m³/h)	883 (1500)		2060 (3500)		2060 (3500)	
Throw	m	6		9		6.5	
Dimensions Height, Length, Width	cm	51.5 × 76.5 × 60.5		59 × 89 × 66		70 × 100 × 67	
NOx Class	-	3					
Weight (Gross)	kg	48 + (3)		69 + (15)		84 + (16)	
Flue Diameter	cm	10		10		15	
Combustion Air Diameter	cm	10		10		15	



Note 1: GH0825 g-GH0845 g can be used for places with high humidity like greenhouse.

Note 2: L mean LPG gas

■ Features

- Decorative design combining metal and glass
- High efficiency with Five – stage performance (25,000 to 45,000 kcal/h)
- Fast heating with BLDC variable-speed centrifugal fan
- Automatic/manual control
- Low fuel consumption with tubular heat exchanger and thermostatic control system
- High thermal efficiency by using the in-shot burner
- Durability and corrosion resistance with aluminized steel heat exchanger
- Rust-resistant body with epoxy polyester coating
- Gas control valve (SIT Group - ITALY)
- Forced draft flue with centrifugal exhaust fan.
- Flue performance control with pressure switch
- High Safety by thermostatic fan-limit control system
- Combustion air supply from outside (type C) or inside (type B)
- Heat exchanger overheating protection
- Electronic board and Flame monitoring system
- Automatic troubleshooting
- Adjustable air damper
- Indoor Installation

GH 0846

NEW



Remote Control

■ Applications



Residential



Industrial



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural



Clinic

Specifications	Unit	GH 0846
Fuel Type	-	NG
Fuel Consumption	Per hour	2.7 to 4.8 m ³
Heat Input	kcal/h (kW)	25000 to 45000 (29-52)
Thermal efficiency	%	82
Heating Space	(Approx).m ³	400 to 900
Electrical	A , V , ph	0.7 ~ 2.3, 220, 1
Sound volume	dB(A)	66
Air Flow	cfm (m ³ /h)	1770 to 2650 (3000 to 4500)
Throw	(m)	12
Fan Type	-	Centrifugal
Motor Power	(kW) hp	(0.38) 0.51
Dimensions (Height, Length, Width)	cm	200 × 71.5 × 52.5
NOx Class	-	3
Weight + (gross)	kg	135 + (12)
Flue Diameter	cm	15
Combustion air diameter	cm	15



■ Features

- CE Certified, 1312CS6199
- High thermal efficiency by using the in-shot burner
- Increase thermal surface with tubular heat exchanger
- Durability and high corrosion resistance with aluminized steel heat exchanger
- Washable body (stainless steel)
- Fast heating with low noise axial fan
- Gas control valve (SIT Group - ITALY)
- Forced draft flue with centrifugal exhaust fan
- Combustion air supply from outside (type C) or inside (type B)
- Flue performance control with pressure switch
- High Safety by thermostatic fan-limit control system
- Heat exchanger overheating protection
- Electronic board and Flame monitoring system
- Automatic troubleshooting
- User friendly (automatic ignition)
- Low fuel consumption with thermostatic control system
- Installation on Base or Hanging
- Adjustable air damper
- Natural gas (can be converted to LPG – as order)
- Indoor Installation

GH 0860



■ Applications



Industrial



**Agriculture &
Poultry farming**

Specifications	Unit	GH 0860	GH 0860 L
Fuel Type	-	NG	LPG
Fuel Consumption	Per hour	6.3 m ³	5 kg
Heat Input	kcal/h (kW)	60000 (70)	58000 (67)
Thermal Efficiency	%	85.5	
Heating Space (Approx.)	m ³	1000 - 1200	1000 - 1100
Electrical	A, V, ph	3, 220, 1	
Sound Volume	dB(A)	75	
Air Flow	cfm (m ³ /h)	3235 (5500)	
Throw	m	12	
Dimensions Height, Length, Width	cm	96 × 201 × 73	
NOx Class	-	4	
Weight (Gross)	kg	168 + (12)	
Flue Diameter	cm	15	
Combustion Air Diameter	cm	15	



■ Features

- Local heating suitable for semi-open spaces
- Decorative
- Fast heating & feeling warm quickly
- Uniform flame distribution on the ceramic surface
- Flame stability system
- Thermal shock resistant ceramic
- Wind protection up to 4 m/s
- Installation on the wall or ceiling
- Ceramic panel guard
- Light weight and appropriate dimensions
- Natural gas (can be converted to LPG – as order)
- Low consumption with high efficiency
- Installation height (GR0030: 1.8m to 2.2m)
- Installation height (GR0030: 2m to 2.5m)
- Installation height (GR0030: 2.5m to 3m)
- Special Stand (by order)

GR 0030
GR 0055
GR 0095



■ Applications



Residential



Industrial



**Welfare
& Restaurant**

Specifications	Unit	GR 0030		GR 0055		GR 0095	
Fuel Type	-	NG	LPG	NG	LPG	NG	LPG
Fuel Consumption	per hour	1.1 m³	0.9 kg	1.9 m³	1.5 kg	2.7 m³	2 kg
Heat Input	kcal/h (kW)	10000 (11.5)		18000 (21)		25000 (29)	
Heating Area (Approx.)	m²	9		16		25	
Electrical	A, V, ph	0.5, 220, 1					
Dimensions Height, Length, Width	cm	21 × 89 × 36		21 × 116 × 36		21 × 145 × 36	
Weight (Gross)	kg	10 + (13)		22 + (5)		27 + (6)	

■ Features

- CE Certified, 1312CU6350
- Fast heating & feeling warm quickly
- Low consumption with high efficiency
- High safety by a gas control valve (SIT Group-ITALY)
- Installation on the wall or ceiling
- Can be connected to a thermostat
- Reduce installation and maintenance costs
- Ceramic panel guard
- Indoor installation
- Natural gas (can be converted to LPG – as order)
- Installation height: (GR0100: 5m to 7m)
- Can be angled installation: (0° to 30°)

GR 0100

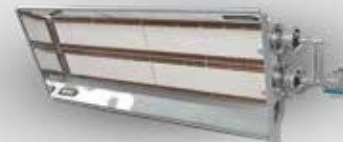


■ Applications



Industrial

GR 0200



Specifications	Unit	GR 0100		GR 0200
Fuel Type	-	NG	LPG	NG
Fuel Consumption	per hour	2.7 m ³	2 kg	5.3 m ³
Heat Input	kcal/h (kW)	25000 (29)		50000 (58)
Heating Area (Approx.)	m ²	110		150
Electrical	A, V, ph	0.5, 220, 1		
Dimensions Height, Length, Width	cm	22 × 164 × 34		22 × 168 × 54
Weight (Gross)	kg	21 + (7)		36 + (7)

■ Features

- Modern and elegant design
- High strength and durable body with ABS material
- Lightweight and portable
- High safety with electrical insulation
- Safety with long-life PTC element
- Corrosion and rust-resistant
- Thermostatic control panel and remote control
- Two-stage heating power (1 kW / 2 kW)
- Low noise with centrifugal fan
- Adjustable room thermostat (5 to 35°C)
- Overheating protection system
- Floor standing and wall mounted installation

EH 0020

■ Applications

**Residential****Office****Welfare
& Restaurant****Commercial****Educational
& Cultural****Sports
venue****Mosque****Clinic**

Specifications	Unit	EH 0020
Power	kW	1 - 2
Heating Space (Approx.)	m ²	15 - 20
Electrical	A(max), V, ph	9, 220, 1
Fan Type	-	Centrifugal
Air Flow	cfm (m ³ /h)	59 (100)
Dimensions Height, Length, Width	cm	41 × 40 × 17
Weight (Gross)	kg	4.5



Note1: Maximum ceiling height: 3m

■ Features

- CE Certified, 801382028494
- High-quality electric element
- Thermostatic control (adjustable to 40°C)
- High Safety by thermostatic fan-limit control system
- Three - stage performance
- Ventilation performance
- Low noise
- Automatic fan operation
- Rust-resistant body with epoxy polyester coating
- Rotary switch and lamp
- Special plug power
- Lightweight and portable
- Ability to install on floor and wall and rotate up and down to 15 degrees

EH 0045



EH 0150



■ Applications



Clinic



Residential



Industrial



Agriculture & Poultry farming



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural

Specifications	Unit	EH 0045	EH 0150
Power	kW	1.5, 3, 4.5	5, 10, 15
Heating Space (Approx.)	m ³	* 70	* 280
Electrical	A, V, ph	20.5, 220, 1	21.7, 400, 3
Fan Type	-	Centrifugal	Axial
Air Flow	cfm (m ³ /h)	295 (500)	765 (1300)
Throw	m	4	1.5
Sound Volume	dB(A)	50	55
Thermal Class	-	F	
Dimensions Height, Length, Width	cm	32 × 56 × 32	53 × 42 × 35
Weight (Gross)	kg	13	20

EH 0045         

EH 0150         

Note1: Maximum ceiling height is 3 meters

Note2: 90 square meters with a ceiling height is 3 meters

Note3: 25 square meters with a ceiling height is 3 meters

■ Features

- Stainless steel combustion chamber
- Can be equipped with thermostatic control system and low fuel consumption
- Automatic fan control by heat exchanger temperature
- High Safety by thermostatic fan-limit control system
- Delay in fan operating before or after burner on
- Low noise centrifugal fan
- Ability to ducting Max:10m (with Fischbach fan – as order)
- Warm air flow with supply & return ducts (outside installation)
- Can be connected to supply and return duct and dual burner (natural gas & gas-oil) available vertically or horizontally
- Air quality control and fuel saving with fresh air supply and return ducts (Outdoor Installation)
- Rust-resistant body with epoxy polyester coating
- High thermal resistance internal components with silicon coating (up to 450°C)
- Indoor / Outdoor installation

GF 0760
OF 0700

Indoor / vertical



■ Applications



Clinic



Residential



Industrial



**Agriculture &
Poultry farming**



Office



Mosque



Commercial



**Sports
venue**



**Welfare
& Restaurant**



**Educational
& Cultural**

Outdoor / vertical



Specifications	Unit	OF 0700	GF 0760
Fuel Type	-	Gasoil	NG
Fuel Consumption	per hour	5.6 Lit	5.3 m³
Heat Input	kcal/h (kW)	50000 (58)	
Thermal Efficiency	%	68	
Heating Space (Approx.)	m³	600 - 1000	
Electrical	A, V, ph	3, 220, 1	
Air Flow	cfm (m³/h)	2155 (3660)	
Dimensions Height, Length, Width	cm	200 × 74 × 70	
Weight (Gross)	kg	132	
Flue Diameter	cm	15	

■ Features

- Stainless steel combustion chamber
- Can be equipped with thermostatic control system for energy saving
- High safety by fan limit - control system
- Delay in fan operating when the burner turns on and off
- High efficiency centrifugal fan
- Automatic fan control by heat exchanger temperature
- Increased reliability by pressure relief system in the combustion chamber
- Three-Phase control panel
- Reduced heat loss with double-wall body insulated with rock wool
- Warm air flow with supply & return ducts (outside installation- Max:20m)
- Air quality control and fuel saving with fresh air supply and return ducts (Outdoor Installation)
- Can be connected to supply and return duct and dual burner (natural gas & gas-oil) available vertically or horizontally
- Can be ordered vertically standing or horizontally
- Rust-resistant body with epoxy polyester coating
- High thermal resistance internal components with silicon coating (up to 450°C)
- Indoor / Outdoor Installation

OF 1500
GF 1560

Indoor or Outdoor / vertical



Indoor or Outdoor / Horizontal



Indoor / vertical



■ Applications



Industrial



Office



Mosque



Commercial



Sports
venue



Welfare
& Restaurant



Educational
& Cultural



Clinic

Specifications	Unit	OF 1500	GF 1560
Fuel Type	-	Gasoil	NG
Fuel Consumption	per hour	16.7 Lit	16 m³
Heat Input	kcal/h (kW)	150000 (175)	
Thermal Efficiency	%	79	
Heating Space (Approx.)	m³	2500 - 4000	
Electrical	A, V, ph	5, 380, 3	
Air Flow	cfm (m³/h)	6300 (10700)	
Dimensions (Indoor/vertical) Height, Length, Width	cm	270 × 142 × 110	
Dimensions (Indoor or outdoor/horizontal) Height, Length, Width	cm	123 × 226 × 142	
Dimensions (Indoor or outdoor/vertical) Height, Length, Width	cm	240 × 142 × 125	
Weight (Gross)	kg	510	
Flue Diameter	cm	20	

■ Features

- Stainless steel combustion chamber
- Can be equipped with thermostatic control system and low fuel consumption
- High safety by fan limit - control system
- Delay in fan operating when the burner turns on and off
- High efficiency centrifugal fan
- Automatic fan control by heat exchanger temperature
- Increased reliability by pressure relief system in the combustion chamber
- Three-Phases control panel
- Reduced heat loss with double-wall body insulated with rock wool
- Warm air flow with supply & return ducts (outside installation-Max:20m)
- Air quality control and fuel saving with fresh air supply and return ducts (Outdoor Installation)
- Can be connected to supply and return duct and dual burner (natural gas & gas-oil) available vertically or horizontally
- Can be ordered vertically standing or horizontally
- Rust-resistant body with epoxy polyester coating
- High thermal resistance internal components with silicon coating (up to 450°C)
- Indoor / Outdoor Installation

OF 3000
GF 3060

Indoor or Outdoor / vertical



Indoor or Outdoor / Horizontal



Indoor / vertical



■ Applications



Industrial



Office



Mosque



Commercial



Sports
venue



Welfare
& Restaurant



Educational
& Cultural



Clinic

Specifications	Unit	OF 3000	GF 3060
Fuel Type	-	Gasoil	NG
Fuel Consumption	per hour	33.3 Lit	32 m³
Heat Input	kcal/h (kW)	300000 (350)	
Thermal Efficiency	%	77	
Heating Space (Approx.)	m³	5500 - 8500	
Electrical	A, V, ph	10, 380, 3	
Air Flow	cfm (m³/h)	12565 (21360)	
Dimensions (Indoor/vertical) Height, Length, Width	cm	310 × 221 × 139	
Dimensions (Indoor or outdoor/horizontal) Height, Length, Width	cm	153 × 267 × 221	
Dimensions (Indoor or outdoor/vertical) Height, Length, Width	cm	277 × 221 × 142	
Weight (Gross)	kg	1010	
Flue Diameter	cm	30	

■ Features

- Input heating capacity accurately aligned with combustion chamber and heat exchanger capacity
- Stainless steel combustion chamber and Plate heat exchanger (AISI 304)
- Can be equipped with thermostatic control system and low fuel consumption
- High safety by fan limit - control system
- Delay in fan operating when the burner turns on and off
- Automatic fan control by heat exchanger temperature
- Increased reliability by pressure relief system in the combustion chamber (model GF2560)
- High efficiency axial fans with dynamic balance
- Partial condensation of combustion products and reduced fuel consumption with 93% thermal efficiency
- Rust-resistant body (hot galvanized profile) and epoxy polyester coating
- Reduced Heat Loss with double-wall body Insulated with rock wool
- High thermal resistance internal components with silicon coating (up to 450°C)
- Industrial electrical panel with thermal starter
- Full combustion emission leak test
- Motor protection against over-current with thermal switch
- Motor protection against phase reversal
- Pre-purge of burner and heat exchanger
- Suitable for high humidity applications
- Easy to move with industrial wheels
- Indoor installation

GF 2560

■ Applications

**Industrial****Agriculture &
Poultry farming****GF 2060 hi****NEW**

Specifications	Unit	GF 2060 hi	GF 2560
Fuel Type	-	NG	
Fuel Consumption	per hour	21 m³	26.6 m³
Heat Input	kcal/h (kW)	200000 (232)	250000 (290)
Thermal Efficiency	%	93	78
Heating Space (Approx.)	m³	3500 - 5500	4000 - 6000
Electrical	A, V, ph	3, 380, 3	
Air Flow	cfm (m³/h)	10000 (17000)	
Dimensions Height, Length, Width	cm	237 × 177 × 100	168 × 172 × 145
Weight (Gross)	kg	510	460
Flue Diameter	cm	20	

GF 2060 hi        

GF 2560        

■ Features

- 30% cooler than aspen pad evaporative cooler
- High cooling efficiency and reaching comfort temperature in a shorter time
- Special coating of industrial resin in cellulose pads: Reducing the growth bacteria
- Reducing the transfer of harmful respiratory bacteria due to reduction of the transfer of tiny droplets of unevaporated water in the air flow
- Copper winding direct-drive motor
- Reduce air pressure drop (reduce motor power consumption) by using cellulose pad
- Long life cellulose pad (3 to 5 years)
- Safety control RCCB (Residual – Current Circuit Breaker) and double-pole circuit breaker
- Strong structure, low vibration and noise
- Connectable to municipal water and manual tap
- Special stand (by order)

EC 0280



■ Applications



Residential



Commercial



Educational
& Cultural



Agriculture &
Poultry farming



Office



Mosque



Sports
venue



Welfare
& Restaurant



Industrial



Clinic

Specifications	Unit	EC 0280
Cooling System	-	Evaporative
Pad Thickness	cm	7.5
Cooling Efficiency	%	80
Air Flow	cfm m ³ /h	750 (1300)
Cooling Area (Approx.)	m ²	20 - 30
Throw	m	9
Motor Power	(kW) hp	(0.1) $\frac{1}{8}$
Electrical	A, V, ph	1.1, 220, 1
Weight + (Water Weight)	kg	25 + 18
Dimensions Height, Length, Width	cm	62 × 60 × 55

■ Features

- CE Certified, 801382008480
- 30% cooler than aspen pad evaporative cooler
- High cooling efficiency and reaching comfort temperature in a shorter time
- Reduce air pressure drop (reduce motor power consumption) by using cellulose pad
- Steady cooling efficiency by Uniform combi system distribution of water on the cellulose pad
- Special coating of industrial resin in cellulose pads: Reducing the growth bacteria
- Reducing the transfer of harmful respiratory bacteria due to reduction of the transfer of tiny droplets of unevaporated water in the air flow
- Safety control RCCB (Residual-Current Circuit Breaker) and Double-Pole Circuit Breaker
- Long life cellulose pad (3 to 5 years)

EC 0570
EC 0710



A

■ Applications



Clinic



Residential



Industrial



Agriculture & Poultry farming



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural

Specifications	Unit	EC 0570	EC 0710
Cooling System	-	Evaporative	
Pad Thickness	cm	7.5	
Cooling Efficiency	%	80	
Air Flow	cfm m³/h	3470 (5900)	4700 (8000)
Cooling Area (Approx.)	m²	65 - 90	90 - 130
Motor Power	(kW) hp	(0.37) $\frac{1}{2}$	(0.5) $\frac{3}{4}$
Electrical	A, V, ph	2.3, 220, 1	3.1, 220, 1
Weight + (Water Weight)	kg	61 + 50	69 + (50)
Dimensions Height, Length, Width	cm	99 × 90 × 90	111 × 90 × 90
Duct Length (Max)	m	12	15

■ Features

- CE Certified, 801382008480
- Evaporation efficiency of 85% using a special cellulose pad (4090 series)
- Steady cooling efficiency by uniform distribution combi system of water on the cellulose pad during the season
- Low electrical power consumption by using thermostatic control and cellulose pad
- Reduce air pressure drop (reduce motor power consumption) by using cellulose pad
- Automatic and manual operation
- Thermostatic Control panel with remote and timer
- Low electrical power consumption by using thermostatic control and cellulose pad
- Special coating of industrial resin in cellulose pads: Reducing the growth bacteria
- Safety control RCCB (Residual-Current Circuit Breaker) and Double-Pole Circuit Breaker
- Long life cellulose pad (3 to 5 years)
- Strong structure, low vibration and noise
- Strong structure, low vibration and noise

EC 0350
EC 0550
EC 0700



A_{EC 0350}

A+<sub>EC 0550
EC 0700</sub>

■ Applications



Residential



Office



Commercial



**Welfare
& Restaurant**



**Educational
& Cultural**



Industrial



**Agriculture &
Poultry farming**



Mosque



**Sports
venue**



Clinic

Specifications	Unit	EC 0350	EC 0550	EC 0700
Cooling System	-	Evaporative		
Pad Thickness	cm	7.5		
Cooling Efficiency	%	80	85	
Air Flow	cfm m ³ /h	1970 (3350)	3470 (5900)	4700 (8000)
Cooling Area (Approx.)	m ²	30 - 60	65 - 90	90 - 130
Motor Power	(kW) hp	(0.25) $\frac{1}{3}$	(0.37) $\frac{1}{2}$	(0.5) $\frac{3}{4}$
Electrical	A, V, ph	1.7, 220, 1	2.3, 220, 1	3.1, 220, 1
Weight + (Water Weight)	kg	50 + (35)	74 + (50)	86 + (50)
Dimensions Height, Length, Width	cm	80 × 75 × 75	99 × 90 × 90	111 × 90 × 90
Duct Length (Max)	m	10	12	15



Note: EC0350 does not have thermostatic control, timer and remote control.

■ Features

- Polymer body by artistic and unique design
- Suitable thickness and weight
- Structural stability of the polymer body with special formulation
- Body color stability under sunlight with High quality European Anti UV
- Easy assembly and disassembly with insert technology
- Air filter with fine texture to prevent dust and insects entering
- Direct drive motor (without pulley & belt)
- Reduce electricity consumption up to 60% (compare with induction Electromotors)
- Up to 60% Power and 30% Water Savings with Thermostat-Controlled BLDC Motor and Drive package
- Steady cooling efficiency by uniform distribution combi system of water on the cellulose pad during the season
- Evaporation efficiency up to 85% using a special cellulose pad (4090 series) with a thickness of 10 (cm)
- Automatic and manual operation
- Thermostatic color LCD control panel with remote and timer
- Variable speed fan (20 Steps)
- Electromotor with copper wire coil and high protection class (IP64)
- Low-noise operation at set point temperature (Automatically)
- Ability to overcome pressure drop caused by air duct condition (Automatically)
- Equipped with EMI electromagnetic filter
- Operation voltage range between 185 to 245 volts
- Safety control RCCB (Residual – Current Circuit Breaker) and double-pole circuit breaker
- Equipped with an Automatic drainage system and water level sensor
- Device troubleshooting and performance control

EC 0550 PB
EC 0750 PB
EC 0750 PB+



A+++
 EC 0550 PB

A++
 EC 0750 PB
 EC 0750 PB+

■ Applications



Clinic



Residential



Industrial



Agriculture & Poultry farming



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural

Specifications	Unit	EC 0550 PB	EC 0750 PB	EC 0750 PB+
Cooling System	-	Evaporative		
Pad Thickness	cm	10		
Cooling Efficiency	%	85		
Air Flow	cfm m³/h	3235 (5500)	4410 (7500)	
Cooling Area (Approx.)	m²	70 - 100	100 - 150	
Motor Power	(kW) hp	(0.38) $\frac{1}{2}$	(0.56) $\frac{3}{4}$	
Electrical	A, V, ph	0.6 ~ 1.8, 220, 1	0.7 ~ 3.3, 220, 1	
Weight + (Water Weight)	kg	63 + (40)	70 + (40)	
Dimensions Height, Length, Width	cm	88 × 109 × 113		
Duct Length (Max)	m	20	25	



Note1: EC0750PB+ equipped with special stand and full touch Control Panel

Note2: you can order suitable stand for other models.

■ Features

- Polymer body by artistic and unique design
- Structural stability of the polymer body with special formulation
- Body color stability under sunlight with High quality European Anti UV
- Easy assembly and disassembly with insert technology
- Three-Phase Electromotor
- Electromotor equipped with soft start technology
- Automatic and manual operation
- Airflow adjustment in 20 steps with inverter
- Thermostatic LCD control panel with remote Automatic and manual operation and timer
- Reverse fan operation to exhaust air
- Reduced water and electricity consumption with drive and thermostat
- Electromotor with copper wire coil and high protection class (IP54)
- Low-noise operation at set point temperature (Automatically)
- Starting the motor at high speed and smartly changing air flow according to the desired temperature
- Ability to overcome pressure drop caused by air duct condition (Automatically)
- Air filter with fine texture to prevent dust and insects entering
- Operation voltage range between 185 to 245 volts
- Device troubleshooting and performance control
- Equipped with an Automatic drainage system and water level sensor
- Evaporation efficiency of 85% using a special cellulose pad (4090 series) with a thickness of 10 (cm)
- Steady cooling efficiency by uniform distribution combi system of water on the cellulose pad during the season
- Safety control RCCB (Residual-Current Circuit Breaker) and Double-Pole Circuit Breaker
- Equipped with an Automatic drainage system and water level sensor
- Device troubleshooting and performance control

AC 1200 P



■ Applications



Industrial



Agriculture & Poultry farming



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural



Clinic

Specifications	Unit	AC 1200 P
Cooling System	-	Evaporative
Pad Thickness	cm	10
Cooling Efficiency	%	85
Air Flow	cfm m ³ /h	7350 (12500)
Cooling Area (Approx.)	m ²	Consult Sales Engineering
Throw	m	8
Motor Power	(kW) hp	(1.5) 2
Electrical	A, V, ph	0.36 ~ 5.9, 220,1
Weight + (Water Weight)	kg	76+40
Dimensions Height, Length, Width	cm	88 × 109 × 113
Duct Length (Max)	m	15

■ Features

- Direct drive motor (without pulley & belt)
- Reduce electricity consumption up to 60% (compare with induction Electromotors)
- Up to 60% Power and 30% Water Savings with Thermostat-Controlled BLDC Motor and Drive Package
- Automatic and manual operation
- Thermostatic color LCD control panel with remote and timer
- Variable speed fan (20 Steps)
- Device troubleshooting and performance control
- Low-noise operation at set point temperature (Automatically)
- Ability to overcome pressure drop caused by air duct condition (Automatically)
- Electromotor with copper wire coil and high protection class (IP64)
- Starting the motor at high speed and smartly changing depending to set-point temp
- Using high-quality components and long – life capacitors in drive
- Equipped with EMI electromagnetic filter
- Operation Voltage Range: 185 – 245 V, Equipped with EMI Protection
- Safety control RCCB (Residual-Current Circuit Breaker) and Double-Pole Circuit Breaker
- Evaporation efficiency of 85% using a special cellulose pad (4090 series)
- Steady cooling efficiency by uniform distribution combi system of water on the cellulose pad during the season
- Special coating of industrial resin in cellulose pads: Reducing the growth bacteria
- Reducing the transfer of harmful respiratory bacteria due to tiny droplets of unevaporated water in the air flow transfer reduction
- Long life cellulose pad (3 to 5 years)

EC 0750 B



A+++

■ Applications



Residential



Commercial



Office



Educational
& Cultural



Industrial



Agriculture &
Poultry farming



Mosque



Sports
venue



Welfare
& Restaurant



Clinic

Specifications	Unit	EC 0750 B
Cooling System	-	Evaporative
Pad Thickness	cm	7.5
Cooling Efficiency	%	85
Air Flow	cfm m ³ /h	4410 (7500)
Cooling Area (Approx.)	m ²	90 - 150
Motor Power	(kW) hp	(0.56) $\frac{3}{4}$
Electrical	A, V, ph	0.6 ~2.1, 220,1
Weight + (Water Weight)	kg	86 + (50)
Dimensions Height Length Width	cm	111 × 90 × 90
Duct Length (Max)	m	25



■ Features

- CE Certified, 801382008480
- Steady cooling efficiency by uniform distribution combi system of water on the cellulose pad during the season
- Automatic and manual operation
- Control panel with remote and timer
- Low electrical power consumption by using thermostatic control and cellulose pad
- Reduce air pressure drop (reduce motor power consumption) by using cellulose pad
- Special coating of industrial resin in cellulose pads: Reducing the growth bacteria
- Reducing the transfer of harmful respiratory bacteria due to reduction of the transfer of tiny droplets of unevaporated water in the air flow
- Safety control RCCB (Residual-Current Circuit Breaker) and Double-Pole Circuit Breaker
- Long life cellulose pad (3 to 5 years)
- Strong structure, low vibration and noise

VC 0380
VC 0600



A_{VC 0380}

A⁺_{VC 0600}

■ Applications



Residential



Office



Mosque



Commercial



Educational
& Cultural



Clinic

Specifications	Unit	VC 0380	VC 0600
Cooling System	-	Evaporative	
Pad Thickness	cm	7.5	
Cooling Efficiency	%	80	85
Air Flow	cfm m ³ /h	1970 (3350)	3470 (5900)
Cooling Area (Approx.)	m ²	30 - 60	65 - 110
Motor Power	(kW) hp	(0.25) $\frac{1}{3}$	(0.37) $\frac{1}{2}$
Electrical	A, V, ph	1.7, 220, 1	2.3, 220, 1
Weight + (Water Weight)	kg	52 + (35)	86 + (50)
Dimensions Height, Length, Width	cm	80 × 75 × 75	99 × 90 × 90
Duct Length (Max)	m	9	12



Note: VC 0380 does not have thermostatic control, timer and remote control.

■ Features

- CE Certified, 801382008480
- Three-Phases motors-single speed
- Maximum airduct 20(m)
- Air flow adjusting with inverter (by order)
- 30% cooler than aspen pad evaporative cooler
- Reduce air pressure drop (reduce motor power consumption) by using cellulose pad
- High cooling efficiency and reaching comfort temperature in a shorter time.
- Uniform distribution of water on the cellulose pad
- Special coating of industrial resin in cellulose pads: Reducing the growth bacteria
- Reducing the transfer of harmful respiratory bacteria due to tiny droplets of unevaporated water in the air flow transfer reduction
- Long life cellulose pad (3 to 5 years)
- Safety control RCCB (Residual-Current Circuit Breaker)
- Strong structure, low vibration and noise

EC 1100 T



■ Applications



Industrial



Agriculture &
Poultry farming



Office



Mosque



Commercial



Sports
venue



Welfare
& Restaurant



Educational
& Cultural



Clinic

Specifications	Unit	EC 1100 T
Cooling System	-	Evaporative
Pad Thickness	cm	7.5
Cooling Efficiency	%	80
Air Flow	cfm m ³ /h	7640 (13000)
Cooling Area (Approx.)	m ²	150 - 200
Motor Power	(kW) hp	(1.5) 2
Electrical	A, V, ph	3, 380, 3
Weight + (Water Weight)	kg	110 + (70)
Dimensions Height, Length, Width	cm	121 × 106 × 106
Duct Length (Max)	m	20

■ Features

- CE Certified, 801382008480
- Three-Phase Motors-Single Speed
- Maximum airduct 25(m)
- Air flow adjusting with inverter (as order)
- 30% cooler than aspen pad evaporative cooler
- Reduce air pressure drop (reduce motor power consumption) by using cellulose pad
- High cooling efficiency and reaching comfort temperature in a shorter time.
- Uniform distribution of water on the cellulose pad
- Special coating of industrial resin in cellulose pads: Reducing the growth bacteria
- Reducing the transfer of harmful respiratory bacteria due to reduction of the transfer of tiny droplets of unevaporated water in the air flow
- Long life cellulose pad (3 to 5 years)
- Easily Detachable and Reassemblable
- Strong structure, low vibration and noise

EC 1800
EC 2500



■ Applications



Industrial



Agriculture &
Poultry farming



Office



Mosque



Commercial



Sports
venue



Welfare
& Restaurant



Educational
& Cultural



Clinic

Specifications	Unit	EC 1800	EC 2500
Cooling System	-	Evaporative	
Pad Thickness	cm	7.5	10
Cooling Efficiency	%	80	80
Air Flow	cfm m ³ /h	10600 (18000)	14700 (25000)
Cooling Area (Approx.)	-	Consult Sales Engineering	
Motor Power	(kW) hp	(4) 5.5	(5.5) 7.5
Electrical	A, V, ph	8.5, 380, 3	10, 380, 3
Weight + (Water Weight)	kg	265 + (130)	400 + (320)
Dimensions Height, Length, Width	cm	168 × 150 × 150	188 × 177 × 177
Duct Length (Max)	m	25	30

■ Features

- Spot cooling in large spaces
- Low electrical power consumption
- Variable speed fan (20 Steps)
- Manual / Automatic operation (Thermostatic)
- Resistant polymer body
- High evaporative cooling efficiency with special cellulose pad
- Easy to move with industrial wheels
- Low installation and maintenance cost
- Portable and no need to structure and ducting
- Gradually adjusting speed by using BLDC motor, Drive and thermostatic control panel
- Automatic operation around set point temperature in comfort zone with minimum fan speed
- Water pump protection system (Water level gauge)
- Automatic makeup and drain system
- Low electrical power consumption with axial fan and BLDC motor
- Automatic fan speed adjustment according to the room temperature
- Equipped with industrial wheels and handles
- Increasing the life of the electric motor by starting the cooler at low speed
- No motor damage due to voltage fluctuations

AC 2000 B



■ Applications



Industrial



Agriculture &
Poultry farming



Mosque



Commercial

Specifications	Unit	AC 2000B
Cooling System	-	Evaporative
Cooling Efficiency	%	85
Air Flow	cfm (m³/h)	11750 (20000)
Cooling Area (Approx.)	m²	250
Air Throw	m	20
Motor Power	(kW) hp	(1.1) 1.5
Electrical	A (Max), V, Ph	6, 220, 1
Material	-	Polymer
Dimensions Height, Length, Width	cm	223 × 187 × 92
Tank Volume	Liter	180
Weight	kg	150

■ Features

- Cooling Capacity up to 25.4 kW (7 TR), Wet – bulb efficiency up to 100%
- Reducing Seasonal Power Consumption Compared to air conditioner and direct evaporative cooler
- Reducing Seasonal Water Consumption Compared to direct evaporative cooler
- Smart indoor thermal comfort with automatic performance adjusting of outdoor temperature
- Up to 4°C lower supply temperature
- Equipped with centrifugal fan (BLDC motor) to overcome pressure drop caused by air duct
- Using evaporative cooling media with high wet – bulb efficiency
- Using heat exchanger with low bypass factor
- Low noise axial fan with class F
- Moisture resistance with galvanized steel
- Automatic troubleshoot on the panel control
- Room temperature control with indoor thermostat

IDC 0450 B



■ Applications



Residential



Industrial



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural



Clinic

Specifications	Unit	IDC 0450 B
Cooling capacity	kW	25.4
Saturation Efficiency	%	100
Air Flow	cfm (m³/h)	2400 (4100)
Cooling Area (Approx.)	m²	250
Motor	-	BLDC
Motor Power	(kW) hp	0.7 (0.94)
Electrical	A, V, Ph	3, 220, 1
Product air fan type	-	Centrifugal
Working air fan type	-	(Axial)
Weight + (water weight)	kg	200 + (40)
Dimensions (Height, Lenght, Width)	cm	170 × 127 × 161
Duct Lenght (max)	m	20



■ Features

- High heating efficiency and reaching a comfortable temperature in a shorter time
- High Safety by thermostatic fan- limit control system
- Gas control valve (SIT Group - ITALY)
- Delay in fan operation when the burner turns on and off
- Equipped with flame monitoring system
- Low noise with high efficiency centrifugal fan
- Low fuel consumption with room temperature control
- Thermostatic control system and low fuel consumption
- High safety by thermostatic fan- limit control system
- Automatic fan control by heat exchanger temperature
- Flame monitoring system
- Low noise with high efficiency centrifugal fan
- Rust-resistant body with epoxy polyester coating
- High thermal resistance internal components with silicon coating (up to 450°C)
- Maximum airduct 15(m)
- Outdoor installation

GH 0660



■ Applications



Residential



Industrial



Agriculture & Poultry farming



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural



Clinic

Specifications	Unit	GH 0660
Heating System	-	Warm Air
Fuel Type	-	NG
Fuel Consumption	per hour	2.7 m ³ - 4.8 m ³
Heat Input	kcal/h (kw)	25000 (29) - 45000 (52) min - max
Thermal Efficiency	%	80
Heating Space (Approx.)	m ³	450 - 900
Air Flow	cfm (m ³ /h)	2000 (3400)
Fan Type	-	Centrifugal
Motor Power	(kW) hp	(0.77) 1.03
Duct Lenght (Max)	m	15
Electrical	A, V, ph	3.5, 220, 1
NOx Class	-	3
Dimensions Height, Length, Width	cm	83.5 × 41 × 70
Weight (Gross)	kg	65



■ Features

- Cooling mode with cellulose pad and heating mode with hot air
- Low noise with high efficiency centrifugal fan
- Maximum airduct 15(m)
- Strong structure, low vibration and noise
- Rust-resistant body with epoxy polyester coating
- High thermal resistance internal components with silicon coating (up to 450°C)
- Outdoor installation

Heating:

- High heating efficiency and reaching a comfortable temperature in a shorter time
- Fast heating with proper hot Air distribution by low-noise centrifugal fan
- High Safety by thermostatic fan- limit control system
- Gas control valve (SIT Group - ITALY)
- Delay in fan operation before and after ignition
- Equipped with flame monitoring system
- Thermostatic control system and low fuel consumption
- High safety by thermostatic fan- limit control system
- Automatic fan control by heat exchanger temperature

Cooling:

- 30% cooler than aspen pad evaporative cooler
- Steady cooling efficiency by Uniform distribution of water on the cellulose pad during the season
- High cooling efficiency and reaching comfort temperature in a shorter time
- Reduce air pressure drop (reduce motor power consumption) by using cellulose pad
- Special coating of industrial resin in cellulose pads: Reducing the growth bacteria
- Reducing the transfer of harmful respiratory bacteria due to reduction of the transfer of tiny droplets of unevaporated water in the air flow
- Long life cellulose pad (3 to 5 years)

GM 0680



■ Applications



Residential



Industrial



Agriculture & Poultry farming



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural



Clinic

Specifications	Unit	GM 0680	
Cooling System	-	Evaporative	
Cooling Efficiency	%	83	
Pad Thickness	cm	7.5	
Cooling Area (Approx.)	m ²	90 - 130	
Air Flow Cooling	cfm (m ³ /h)	4000 (6800)	
Fan Type	-	Centrifugal	
Motor Power	(kW) hp	(0.5) $\frac{3}{4}$	
Electrical	A, V, ph	6, 220, 1	
Heating System	-	Warm Air	
Fuel Type	-	NG	
Fuel Consumption	per hour	2.7 m ³ -4.8 m ³	
Heat Input	kcal/h (kW)	25000 (29)	45000 (52)
Thermal Efficiency	%	77	
Heating Space (Approx.)	m ³	450 - 900	
Air Flow Heating	cfm (m ³ /h)	3000 (5100)	
Duct Lenght (Max)	m	15	
NOx Class	-	3	
Dimensions Height, Length, Width	cm	142 × 152 × 90	
Weight + Water Weight	kg	187 + 50	

■ Features

- Fast heating and cooling with centrifugal fan (BLDC)
- Direct drive motor (without pulley & belt)
- Ability to overcome pressure drop caused by air duct condition (Automatically)
- Reduce electricity consumption Up to 60% and 30% Water Savings with Thermostat Controlled BLDC Motor and Drive Package
- Equipped with control panel cooling and heating mode with remote and timer (RF)
- Automatic and manual operation
- Low fuel consumption with thermostatic control panel (heating/cooling)
- Electromotor with copper wire coil and high protection class (IP64)
- Safety control RCCB
- Airflow with supply and return ducts (heating)-(max: 20m)
- Strong structure, low vibration and noise
- Outdoor installation

Heating

- Variable speed fan (5 Steps)
- Natural gas heating with in-shot burner technology
- High thermal efficiency and reduce fuel consumption by using the in-shot burner
- Durability and high corrosion resistance with aluminized steel heat exchanger
- Increase thermal surface with tubular heat exchanger
- Forced draft flue with centrifugal exhaust fan.
- Flue performance control with pressure switch
- Combustion air supply from outside (type C) or inside (type B)
- Automatic Fan Control by Heat Exchanger Temperature
- High Safety by thermostatic fan-limit control system and gas control valve (SIT Group - ITALY)
- Heat exchanger overheating protection
- Electronic board and Flame monitoring system
- Automatic troubleshooting

Cooling

- Variable speed fan (20 Steps)
- Steady cooling efficiency by uniform distribution combi system of water on the cellulose pad during the season
- Evaporation efficiency of 87% using a special cellulose pad (4090 series) with a thickness of 20 (cm)
- Special coating of industrial resin in cellulose pads
- Reducing the transfer of harmful respiratory bacteria due to reduction of the transfer of tiny droplets of unevaporated water in the air flow
- Long life cellulose pad (3 to 5 years)

GM 0725



■ Applications



Residential



Industrial



Agriculture & Poultry farming



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural



Clinic

■ Features

- Cooling mode with cellulose pad and heating mode with hot water coil
- More evaporative cooling efficiency by using a special cellulose pad and reaching a comfortable temperature in a shorter time.
- heating with high-efficiency hot water coil, copper tubing, and 4-row aluminum fins (14 fins per inch)
- Fast heating and cooling with centrifugal fan (BLDC)
- Variable speed fan (20 Steps)
- Reduce electricity consumption Up to 60% and 30% Water Savings with Thermostat-Controlled BLDC Motor and Drive Package
- Automatic and manual operation
- Thermostatic LCD control panel (cooling & heating) with remote control and timer
- Equipped with an Automatic drainage system and water level sensor
- Automatic troubleshooting system
- Electromotor with copper wire coil and high protection class (IP64)
- Starting the motor at high speed and smartly changing depending to set point temp
- Low-noise operation at set point temperature (Automatically)
- Airflow with supply and return ducts (heating)-(max: 20m)
- Ability to overcome pressure drop caused by air duct condition (Automatically)
- Air flow according to the desired temperature
- Low heat loss from Unit with thermal insulation
- Equipped with EMI electromagnetic filter in drive
- Operating voltage range between 185 to 245 volts.
- Safety control RCCB (Residual – Current Circuit Breaker) and double-pole circuit breaker
- Low heat loss from Unit with thermal insulation
- Outdoor installation

EH C 5000



EH F 5000



■ Applications



Residential



Industrial



Agriculture & Poultry farming



Office



Mosque



Commercial



Sports venue



Welfare & Restaurant



Educational & Cultural



Clinic

Specifications		Unit	EH F 5000	EH C 5000
Cooling System		-	Evaporative	
Cooling Efficiency		%	75	
Pad Thickness		cm	10	
Cooling Area (Approx)		m ²	100 - 120	
Air Flow (Cooling)		cfm (m ³ /h)	2950 (5000)	
Heating System		-	Warm Air	
Heat Input		kcal/h (kW)	21000 (24)	
Heating Space (Approx.)		m ³	360	
Air Flow (Heating)		cfm (m ³ /h)	1450 (2450)	
Fan Type		-	Centrifugal	
Electrical	Cooling	A, V, ph	3.3, 220, 1	
	Heating		1.7, 220, 1	
Motor Power		(kW) hp	(0.63) 0.84	
Duct Lenght (Max)		m	20	
Dimensions Height, Length, Width		cm	138 × 72 × 95	72 × 139 × 95
Weight + Water Weight		kg	108 + 6	108 + 12



■ Features

- Decorative
- Lightweight and portable
- Easy installation
- Easy assemble and disassemble
- Unique packaging, easy to carry
- Special for EC0280 model

Specifications	Unit	FC 0280
Material	-	Metallic
Dimensions Height, Length, Width	cm	68×57×57
Weight (Gross)	kg	4

■ Features

- Decorative
- Lightweight and portable
- Easy installation
- Adjustable dimensions
- Suitable for all residential evaporative cooler
- Easy assemble and disassemble
- Rust-resistance
- UV Resistant
- Special design and packaging, easy to carry

Specifications	Unit	FC0700	FC0750
Material	-	Propylene with Metal	Propylene with Metal
Dimensions Height, Length, Width	cm	13×44×44	13×44×44
Weight (Gross)	kg	7	7.5

■ Features

- Outdoor terrace heater installation
- Decorative
- Easy to move
- Proper for placing LPG capsules

Specifications	Unit	FH
Material	-	Metallic
Dimensions Height, Length, Width	cm	180×67×60
Weight (Gross)	kg	35

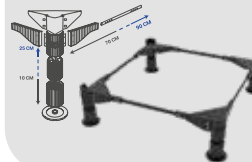
FC 0280 Cooler Base



FC0700 Cooler Base



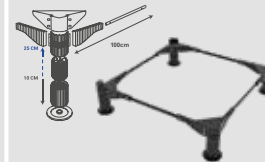
The base width and length can be adjusted.



FC0750 Cooler Polymeri



The base width and length are fixed and cannot be adjusted.

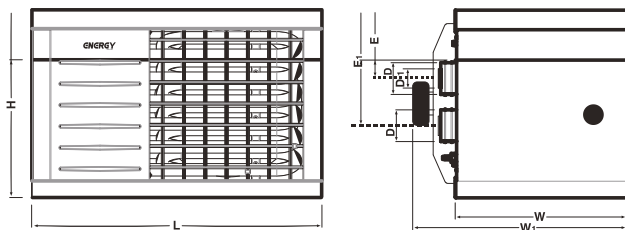


FH Terrace Heater Base



Nominal pipe diameter(inch)									Length of the pipe (m)
4	3	2½	2	1½	1¼	1	¾	½	
801.9	390.7	220.0	138.3	72.0	47.9	23.30	12.3	5.9	2
551.1	268.5	151.2	95.1	49.4	32.9	16.0	8.5	4.0	4
442.8	215.7	121.5	76.4	39.7	26.4	12.9	6.8	3.2	6
379.1	184.7	104.0	65.4	34.0	22.6	11.0	5.8	2.8	8
329.7	160.6	90.4	56.9	29.6	19.7	9.6	5.0	2.4	10
304.3	148.2	83.4	52.5	27.3	18.1	8.8	4.7	2.2	12
279.4	136.1	76.6	48.2	25.0	16.7	8.1	4.3	2.0	14
260.0	126.7	71.3	44.8	23.3	15.5	7.5	4.0	1.9	16
244.8	119.3	67.1	42.2	21.9	14.6	7.1	3.7	1.8	18
231.0	112.5	63.3	39.8	20.7	13.8	6.7	3.5	1.7	20
219.2	106.8	60.1	37.8	19.6	13.1	6.3	3.3	1.6	22
209.2	101.9	57.4	36.1	18.7	12.5	6.1	3.2	1.5	24
200.9	97.9	55.1	34.6	18.0	12.0	5.8	3.1	1.4	26
191.0	93.6	52.6	33.1	17.2	11.4	5.5	2.9	1.4	28
185.1	90.2	50.8	31.9	16.6	11.0	5.3	2.8	1.3	30
170.6	83.1	46.8	29.4	15.3	10.2	4.9	2.6	1.2	35
157.9	76.9	43.3	27.1	14.1	9.4	4.6	2.4	1.1	40
148.1	72.2	40.6	25.5	13.3	8.8	4.3	2.2	1.1	45
141.0	68.7	38.6	24.3	12.6	8.4	4.1	2.1	1.0	50
133.9	65.2	36.7	23.1	12.0	8.0	3.9	2.0	0.99	55
128.1	62.4	35.1	22.1	11.5	7.6	3.7	1.9	0.94	60
116.1	56.5	31.8	20.0	10.4	6.9	3.3	1.8	0.85	70
108.9	53.1	29.8	18.8	9.7	6.5	3.1	1.6	0.80	80
102.0	49.7	28.0	17.6	9.1	6.1	2.9	1.5	0.75	90
96.5	47.0	26.4	16.6	8.6	5.7	2.8	1.4	0.71	100
87.3	42.5	23.9	15.0	7.8	5.2	2.5	1.3	0.64	120
77.5	37.7	21.2	13.3	6.9	4.6	2.2	1.2	0.57	150
66.2	32.2	18.1	11.4	5.9	3.9	1.9	1.0	0.49	200
58.8	28.6	16.1	10.1	5.2	3.5	1.7	0.91	0.43	250
53.2	25.9	14.6	9.2	4.7	3.1	1.5	0.82	0.39	300

ALL Data is considered for gas density 0.65 (kg/m³) and gas pressure 176(mmH₂O)



GH 0845 - GH 0845 L



GH 0825 - GH 0825L



GH 0618 - GH 0618L

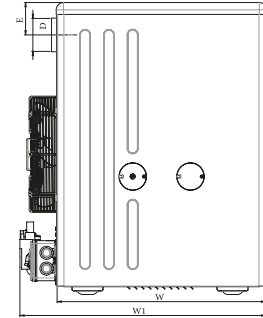
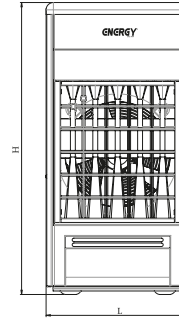
Specifications		Unit	GH 0845	GH 0845L	GH 0825	GH 0825L	GH 0618	GH 0618 L
Heat Input		kcal/h	45000	45000	25000	25000	18000	18000
Fuel Consumption		NG(m³/h)	4.8	-	2.7	-	1.9	-
		LPG(kg/h)	-	3.75	-	2	-	1.5
Air Flow		m³/h	3500	3500	3500	3500	1500	1500
Heating Space (Approx.)		m³	700-900	700-900	400-700	400-700	200-360	200-360
Electrical		ph	1	1	1	1	1	1
		V(volt)	220	220	220	220	220	220
		I (A)	1	1	1	1	1	1
Dimensions		W (cm)	54	54	53	53	49	49
		W1 (cm)	67	67	66	66	60.5	60.5
		L (cm)	100	100	89	89	76.5	76.5
		H (cm)	70	70	59	59	51.5	51.5
		E (cm)	28	28	21	21	17	17
		E1 (cm)	42.5	42.5	35.5	35.5	27	27
Flue Diameter (Co-axial)	out	D (cm)	15	15	10	10	10	10
	in	D1 (cm)	10	10	6	6	6	6
Weight (Gross)		kg	85	85	55	55	45	45



GH 0640 - GH 0640L

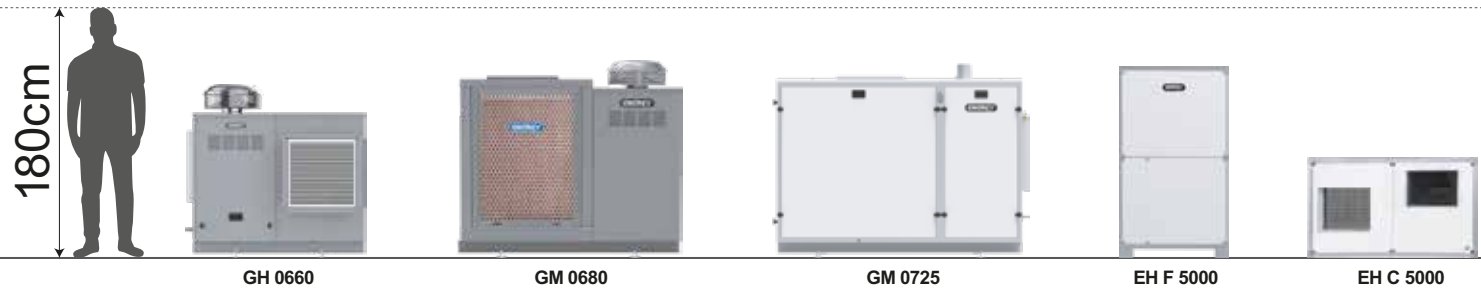
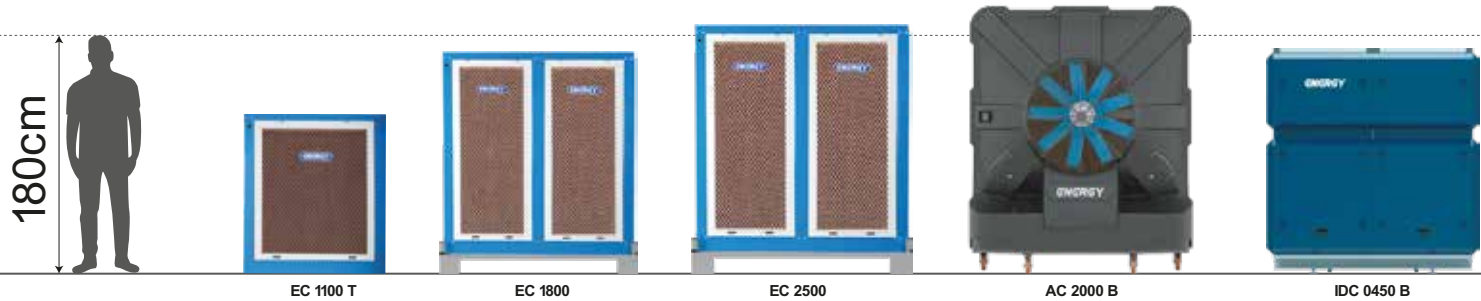
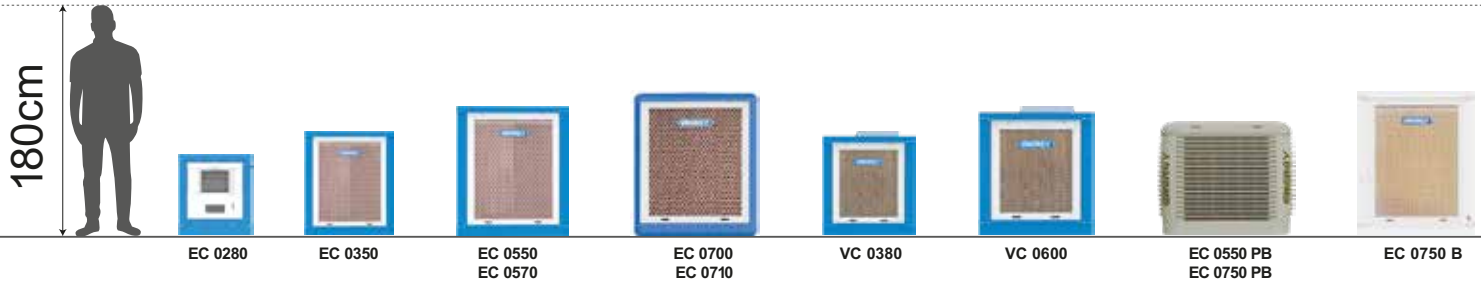


GH 0625 - GH 0625L



Specifications	Unit	GH 0640	GH 0640L	GH 0625	GH 0625L
Heat Input	kcal/h	45000	33000	25000	22000
Fuel Consumption	NG(m³/h)	4.8	-	2.7	-
	LPG (kg/h)	-	2.8	-	1.8
Air Flow	m³/h	3500	3500	1800	2080
Heating Space (Approx.)	m³	700 - 900	500 - 800	400 - 700	300 - 500
Electrical	ph	1	1	1	1
	V(volt)	220	220	220	220
	I (A)	1	1	1	1
Dimensions	L (cm)	60	60	41	41
	W (cm)	60	60	60	60
	W1 (cm)	71	71	70	70
	H (cm)	100	100	83.5	83.5
	E (cm)	12.5	12.5	9	9
Flue Diameter	D (cm)	15	15	10	10
Weight (Gross)	kg	87	87	65	65





[illegible]

Office: No. 58, Nategh Noori St.(Zomorod), Golnabi St.,
Pasdaran Ave., Tehran, IRAN ☎ (+9821)61444

Factory: 7th km. Qom Road, Tehran, IRAN
☎ (+9821)61442244

Postal Code: 1947755651

Postal Code: 1813159341

 www.energy-ind.com

 [energy.ind](https://www.instagram.com/energy.ind)

ENERGY[®]
Since 1969



TDS : 02 / 06