



PHOENIX PH HM 11LT/MIN WATER HEATER



User And Installation Manual

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INTRODUCTION

First of all, we would like to thank you for choosing an E.C.A. gas water heater.

E.C.A. Phoenix gas water heaters are designed to accomodate the domestic hot water needs in a safe and comfortable way.

Information about installation and operation of Phoenix gas water heaters are provided in this manual. Technical specifications, choosing the right place to install, water, gas, flue and electrical connections, maintenence information and a list of possible errors are given in detail. For utilizing your gas water heater's complete features and to use your appliance safely for a long time, please read the manual carefully.

Please keep all the documents that come with your appliance for future reference.

WARRANTY AND SERVICE

• All repairs and annual maintenances must be done by an authorized technical services. If the instructions and warnings from the installation manual are followed, this boiler has 3 years of warranty for the failures related to the manufacturing and materials.

• Start-up must be done by an authorized technical service. For the warranty to be valid, warranty documents must be filled and stamped by the service during start-up.

• This E.C.A. product does not require repairment under normal working conditions. But if you need any assistance, you can call service company. For the warranty to be valid, all maintenance and repairs must be done by an authorized technical service personnel.

- Authorized technical services list are provided seperately with your appliance.
- The default life time of boilers are 10 years according to the Ministry of Science, Industry and Technology.

• This appliance conforms the related regulations about the limitation of hazardous materials in electric and electronic devices. Does not contain polychlorinated biphenyl, asbestos or mercury.

SYMBOLS

Symbols below are placed within the manual to indicate important points about the usage and working of the appliance. Meaning of these symbols are given below.



CAUTION: Indicates the possibility of pecuniary or functional loss

DANGER: Indicates the possibility of health and safety loss.



INFORMATON: Indicates the information that should be considered by the user.



SERVICE: Indicates the situations that must not be interfered by the user, the technical service should be contacted.

SAFETY RULES AND WARNINGS

If there is a natural gas smell;

- Shut off the gas valve of the appliance and all of your gas burning appliance
- Shut off and put out your oven, stove, cooker etc.
- Do not light matches, lighters etc, put out your cigarettes.
- Open all your windows and door and ventilate the room.
- Do not switch on your electrical devices and do not touch the plugs.
- Shut off the gas valves at the building entrances.
- Do not use phones in the environments that have a gas smell.
- Call the gas company and inform the closest technical service.
- Do not put or use flammable materials near your appliance.
- Keep materials like water, foam etc. away from electrical connections during cleanup, maintenance etc.
- Do not block ventilation outlets in your boiler room.

INSTALLATION

Installation of the Systyem

• Before the installation of your gas water heater, natural gas and domestic hot water pipings must be ready. Natural gas pipings must be designed, approved and done by a qualified engineering office. All these must be done and paid by the user.

• The appliance must be connected to a grounded plug with 230V AC, 50 Hz supply.

• Any dirt, blockages, welding residuals, burr, flug etc. particules left inside the pipes will affect the gas water heater's performance. These residuals will cause gas water heater to overheat, noisy operating etc. Any damage or failure caused by unfit piping system is out of warranty coverage.

Installation of Gas Water Heater

• Installation of this gas water heater must be done by a authorized technical service according to the information (placement, flue connections etc.) presented by the standartds and authorized gas companies. After the installation, installer must make sure that user has given the user manual and give all the necessary information about the boiler and related safety equipments.

• Gas water heater must be installed in a manner that the appliance should not be in direct contact with water vapor, detergent vapor or similar chemicals.

• Flue connections must not be tampered with without consulting to the authorized technical service.



The appliance will not be in use until winter season, water inside the gas water heater should be drained to prevent freezing.



The appliance should not be used above 2000m altitude above sea level.

Do not install the appliance where it will be affected by direct sunlight. Sun beams can cause discoloration on the outer surfaces of the appliance.

COMISSIONING

• Start-up of the appliance must be done by the authorized service. Natural gas usage must be approved by the related gas company prior to the start-up.

• The gas type (natural gas), inlet gas pressure (mbar), maximum water pressure (bar) and electrical nominal voltage (V) values on the information label must be checked with the local conditions.

• After the installation of the appliance, please ask your authorized service personnel to give information about the operation and safety equipments of the appliance.

OPERATION AND MAINTENANCE

• Please be wary of the warnings in the installation and user manual. That way, any danger caused by false operation could be prevented.

• For the longevity and high performance of your appliance, maintenance once a year is advised. Maintenance is under the scope of appliance's warranty and must be done by the authorized technical services.

• Outer surfaces of the appliance must be cleaned with a damp cloth without using any chemical substances. Usage of chemicals like detergents etc. could cause rust and scratches.



Danger: Any person who is not capable in physical, sensory or emoitonal aspect (including children) shall not operate the appliance without observation.

Danger: This appliance is not suitable for use by the people who is not capable in physical, sensory or emotional aspects without observation and information of the people responsible for the appliance. Children should not tamper with the device. Any unauthorized usage that does not fit the purpose of the device could cause danger to the people and the environment.

PRODUCT

General Specifications

This is a room sealed fan assisted gas water heater with electronic direct ignition and ionisation safety. The water heater supplied for use with Natural Gas. The water heater has space saving design which provides easy servicing and maintenance. It has also a elegant appearance with compact dimensions (654x352x268 mm). Microcontroller board provides all the functionality and safety of the water heater.

Burner, is made of stainless steel, withstands thermal stress. Burner performs silently and provides efficient and clean combustion as a result of the homogeneous dispersion of gas. Heat exchanger is made of copper and designed for thermal shock absorbing. It has long life, high productivity and is non-calcerous as well.

Functions and the safety of the appliance is provided by the control mainboard. Mainboard controls the gas valve, burner and flow sensor. Flame in the burner is always checked via ionization electrode and can be observed by the flame symbol om the screen.

Thanks to the single button, ease of use and ergonomically control of mainboard is provided for the end users. With a backlighted wide black LCD screen shows information about working situation, set points of water temperature, real time water temperature, fault codes and service parameters.

Safety measurements on the appliance assures both your safety and the safety of the appliance. These safety measurements are as follows;

- Flue Gas Safety (Bad combustion prevention)
- Flame Loss Safety (Flame availability check with ionisation electrode)
- Overheating Water Temperature Safety (85 °C)
- NTC Overheating Safety (71 °C)
- Low Voltage Safety (170 VAC)
- Fan Rpm Control via Hall Effect Sensor Signals.
- Prevention of Dry Combustion Thanks to the Flow Sensor. (Combustion is not allowed belove 2,5lt/min water flowrate)
- Frost Protection (5°C Electrical supply to the boiler must be maintened in order to frost protection to work)
- Overload Working Safety (system off, factory setting is 6 hours continious operation)

Product Notation

Notation	Description				
Phoenix PH HM 11	E.C.A. Phoenix Gas Water Heater				

Table 1

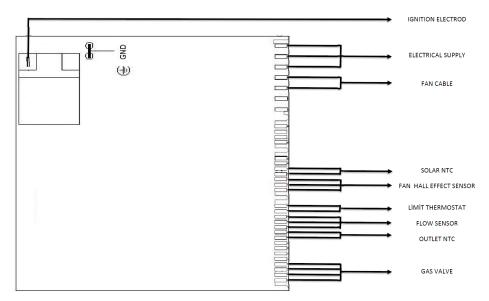
Technical Data

	PH11HM	Unit			
Catagoni		Unit			
Category I2H, I2E					
Gas Type	Natural Gas				
	Power				
Min. Heat. Power (Pmin)	7,37	kW			
Maks Heat. Power (Pmaks)	18,94	kW			
Min. Load (Qmin)	8,5	kW			
Nominal Load (Qmax)	22	kW			
Gas	Consumption				
Max. Gas Flowrate	2,28	m3/h			
Min. Gas Flowrate	0,9	m3/h			
Gas I	nlet Pressure				
Natural Gas	20	mbar			
Dome	stic Hot Water				
Minimum Water Flowrate	2,5	lt/min.			
Maksimum Water Flowrate	11 (Δt=25)	lt/min.			
Minimum Operation Pressure	0,2 bar	bar			
Max. Operation Pressure	10 bar	bar			
Temperature Setting Range	35-60	°C			
	General				
Electrical Supply	230V- 50Hz	VAC/ Hz			
Electrical Consumption	35	W			
NOx Class	6				
Dimensions (HxWxD)	654x352x268	mm			
Weight (net)	16	kg			
	10	61			

Table

*Gas consumption based on, Natural gas: Hu=9,59 kWh/m 3

Electrical Board Circuit Diagram



Components

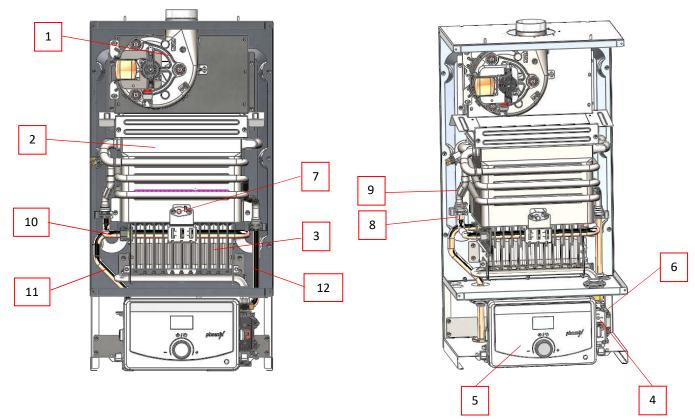


Figure2- Components

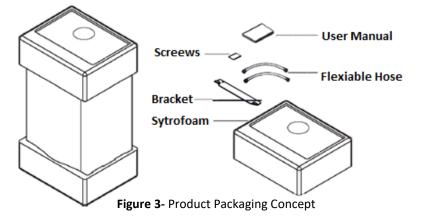
1-Fan with Hhall Effect Sensor	7- Ignition and Ionisation Electrode
2-Heat Exchanger	8-Overheating Safety Switch
3-Water Cooled Low NOx Burner	9-NTC Sensor
4-Electronic Gas Valve	10-Burner Inlet Pipe
5-Control Panel	11-Water Outlet Pipe
6-Flow Sensor	12-Water Inlet Pipe

PACKAGING



CAUTION: Warnings on the packaging must be followed during transportation and storage

The appliance is delivered in a 760x440x330 mm carton box with 2 pieces of styrofoams supporting the appliance.



Parts required for the installation of the product (Wall hanging bracket, 3 gaskets for water and gas connection, 3 wall plugs for screws) is provided in the package

INSTALLATION AND CONNECTIONS

Selecting the Suitable Place for Installation

The appliance must be installed in accordance with gas safety regulations and relevant standards. Additionally, the clearances around the boiler should be as shown in fig. 4 in order to make service, maintenance and usage easier.

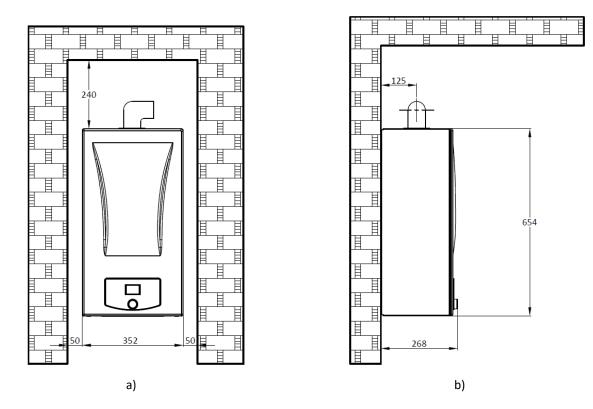


Figure 4- iIndication minumum clearances from the ceiling and the sides.

The appliance should be mounted against a closed wall. The outer surface of the water heater do not exceed 85°C in maximum running mode so do not take additional precautions againts constructional materials (combustible materials)



Danger: Do not block the air vents which provide fresh air to the installation room

Danger: The water heater location and air/flue terminal position must obey national and local requirements, gas safety regulations and relevant standarts.

The water heater is not suitable for external installation. It should be within in the building.

- In case of gas leakage, it is necessary to vent the installation room according to national and local requirements, although the water heaters are independent of room volume and ventilation.
- The air/flue terminal must be exposed to the external air and allow free passage of air cross it at all times.
- The minimum acceptable dimensions from the terminal to obstructions and ventilation openings must obey national and local requirements.
- The air/flue ducts should be fitted at a slight 2° or 3° downwards incline to prevent any water or condensation from entering the combustion chamber.

Hanging the Appliance to the Wall

E.C.A. Phoenix gas water heater must be hung to a brick wall with the supplied hanging bracket.

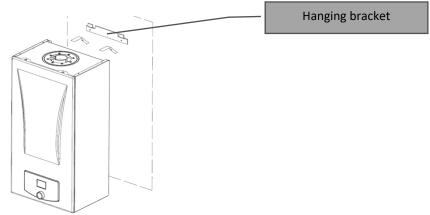


Figure 5- Hanging bracket

For installation:

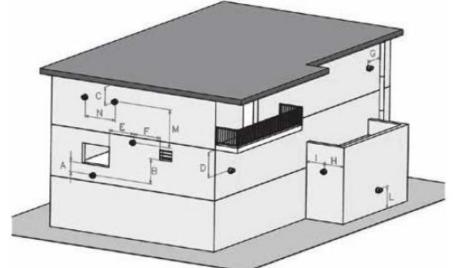
- Take measurement from the back side of the boiler to make sure that the holes are in line and horizontal.
- Mark the hole places on the wall.
- Drill the holes and put in the wall plugs.
- Fix the hanging bracket to the wall using the provided screws.
- Hang the boiler to the hanging bracket.

It is important that the hanging parts should be fixed to the wall properly to endure the weight of the appliance.

CONNECTIONS

Flue Connections

E.C.A. Phonex gas water heates are designed to work with C-type flues to provide the air required for burning from out of boiler room. During flue connections tightness gaskets should be mounted correctly to prevent flue gas leakage to the fresh air intake.



ALLOWABLE POSITION	DISTANCE (cm)	ALLOWABLE POSITION	DISTANCE (cm)
A - Below a window	60	G - Beside an horizontal or a vertical pipe	60
B - Below an air vent	60	H - An outer corner of the building	30
C - Below a rain channel	30	I - An inner corner of the building	100
D - Below balcony	30	L - From the floor	180
E - Beside a window	40	${\sf M}$ - Vertical distance between two chimney outlets	150
F - Beside an air vent	60	N - Horizontal distance between two chimney outlets	100

Horizontal Flue Connections

Air/flue kit consists of the following parts:

• Apart from the water heater package, a standard concentric air/flue kit is given with a cardboard box.

a) 90° Concentric elbow with flange (ϕ 60/100mm), Flat sealing ring Sealing ring, Viton (ϕ 60mm) Sealing ring, Silicone (ϕ 100mm) b) Concentric terminal, L=860mm, (ϕ 60/100mm) Inner and outer flanges, 2 pieces (ϕ 100mm)

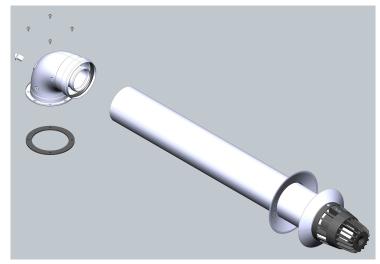


Figure 7– Horizontal Flue Kit

The air/flue ducts should be fitted at a slight % 2 or 3 downwards incline to prevent any water or condensation from entering the heater,

If the air/flue kit length is insufficient, additional flue accessories should be ordered through qualified service. Do not use any other type / brand name of flue parts.

- Horizontal air/flue kit accessories (fig.7) :
- a) Concentric extension, L=500 mm, ϕ 60/100 mm (7006902786)

Concentric extension, L=1000 mm, ϕ 60/100 mm (7006902787)

- b) 90° Concentric elbow, ϕ 60/100 mm (7006902785)
- c) 45° Concentric elbow, ϕ 60/100 mm (7006902784)



Figure 8. Flue Types

The total length of horizontal air/flue system must not exceed 4 m. Furthermore, each extra 90° concentric elbow or two pieces of 45° concentric elbow decreases the maximum length 1m (fig. 9). The maximum number of 90° elbow to be used is 3.

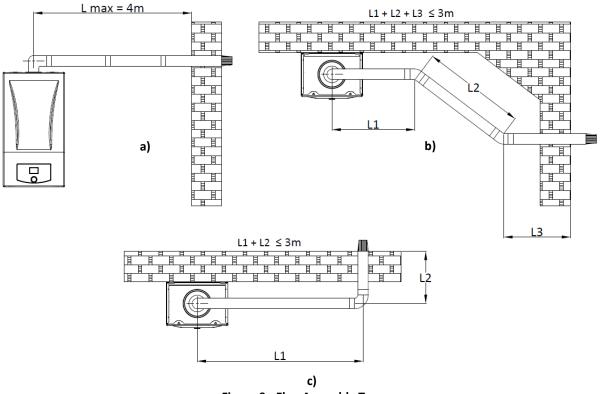


Figure 9 - Flue Assembly Types

Vertical Flue Connections

- 1. Vertical Flue Kit (Ø60/100mm) (7006902326)
- 2. Vertical Flue Adapter (Ø60/100mm) (7006901413)
- 3. Extension Pipe 500mm / 1000mm (Ø60/100mm) (7006901415)/(7006901416)
- 4. 45° Elbow (Ø60/100mm) (7006901420)
- 5. 90° Elbow (Ø60/100mm) (7006901421)

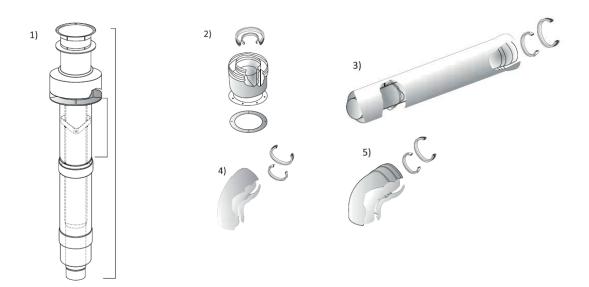


Figure 10 - Vertical Flue Types

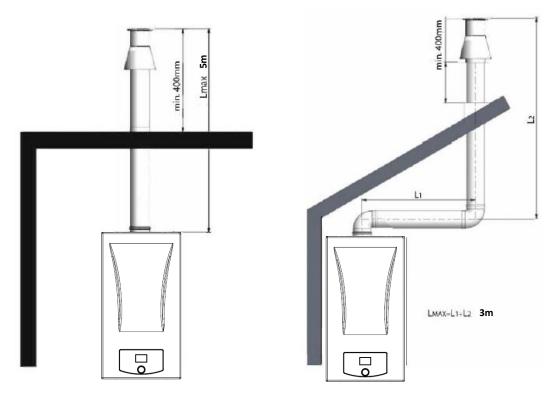


Figure 11 - Vertical Flue Assembly Type

Chimney Lenght Setting Definitions:

Depending on the flue lenght configuration there is a parameter defined to control fan speed to have the best efficiency and emmission values of combustun. As the installation completed, this parameter must be set by an authorized service technician at start-up. This setting is needed only for the start-up of gas water heater, changing chimney lenghts of installation and changing the electronic board.

Product	Elbow	L (m)	Lmax (m)	P11 Parameter Setting value		
	1x90°	≤1	4	4		
11	1x90°	1<≤2				
Ψ	1x90°	2<≤3				
	1x90°	3< ≤ 4				
Hd)	2x90°	≤1		3		
	2x90°	1< ≤ 2	3			
PHOENIX	2x90°	2<≤3				
4	3x90°	≤ 1	2	2		
	3x90°	1<≤2	2	2		

Table 3

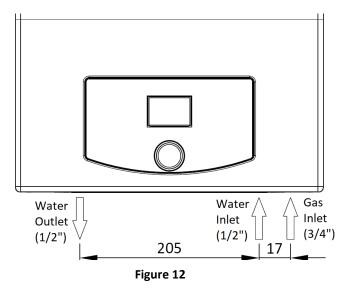


Serviceman must save the flue lenght info. When switch on the power at first time, "FA" symbol is seemed on the screen with fan icon. Serviceman can change the flue lenght value by rotating the button. For saving the value, serviceman must push the button and wait until blink fan icon.



Caution: Any flue kit restrictor must not used.

• Water & gas connections distance between the pipes' connections are shown in fig. 12.



- A suitable valve should be mounted on the gas inlet and the water circuits. In addition, a water filter should be mounted on cold water (1/2") inlet.
- The connection between the appliance and gas supply must be made with a flexible pipe.

Electrical Connections

Danger: When making electrical connections, make sure that there is no charge in the electrical line.



Danger: Appliance must be connected to a grounded 230V AC, 50 Hz plug. If the supply cable is damaged, it should be replaced by E.C.A. authorized services.

Danger: A 2A double pole breaker with minimum 3mm contact clearance mut be used for electrical connection of the boiler.

Danger: Electrical connections for the fixed wiring, cable and conduit entries shall be suitable for cables having a maximum overall dimension 14mm for cables or 16mm for conduits.

Supply cable of the appliance must be connected to a grounded plug that can supply the required voltage (230V AC, 50 Hz). Mainboard failures due to voltage fluctations and unfit grounding is not covered by warranty.

START-UP

Final Checks And Operations Before Start-up

Open hot water tap to check the water circuit. Check any leakage water pipes. Check whether flue kit is comprised of original parts or not according to the instructions and regulations.

In addition,

- Electricity connections of the heater must be earthed and suitable with main supply conditions. (230 Vac-50 Hz).
- Gas supply must be checked by the qualified gas company. Call qualified service to heater start-up after all these processes are completed.





Caution: After the start-up, you should request information about operating the water heater and safety precautions from qualified person.

Caution: Authorized service technician must check the installation placement is according to the standarts and instructions.

12

CONTROL PANEL

The control panel shown in fig. 13 consists of the following parts as detailed below.



Figure 13 - Control Panel

ON/OFF & Temperature Setting Knob Functions

a) The appliance is turned ON/OFF using the knob by pushing it.

- b) Set the water temperature between 35 $^\circ C$ and 60 $^\circ C$ by rotating.
- c) Reset the appliance if the error cause a lock out condition by pushing 3 seconds under fault condition.
- d) Auto or Manuel calibration adjustment. (for authorized technical person)
- e) Entering parameters menu and parameter adjustment. (for authorized technical person)

LCD Display

Water heater functions, water temperature (set and actual values), fault/error conditions can be seen on LCD (Fig14)

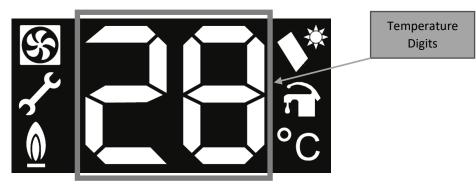


Figure 14 - LCD Screen



Fan symbol: Shown in case choosing the flue lenght value.



Failure symbol: Shown in case error conditions.



Flame symbol: Indicates flame avaibility. If thermal load is below %50 then only one segment is shown.



Solar panel symbol: Indicates solar connections.



Tap symbol: Indicates water flow.

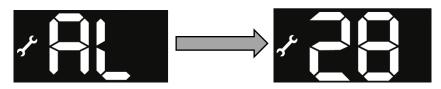


C symblol: Indicates actual temperature measurement.

Pushing the button screen will be activated automatically.

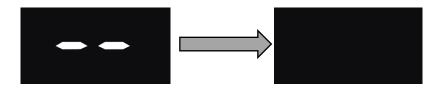


In case an error, AL and the referance fault code apears on the screen alternately. Reseting the fault, you must keep pushing the button 3 seconds, when RESET letter starts blinking you can leave pushing the button. If the fault does not disappear after reset you can read troubleshooting or you can call an authorized service technician.



OFF Mode:

Double dashe is shown on the screen after closing the gas water heater by pushing the button. 1 minute later double dash disappears.



Frost Protection (Ante-Freeze Function)

The appliance goes on and off automatically depending on actual water temperature values measured by the water temperature sensor for protecting water circuit against freezing.

• If the water sensor measures a low water temperature in the system (less than 5 °C), the frost protection is activated. When the water temperature goes above 15 °C the frost protection is deactivated.



CAUTION: The electricity and gas valve must be open to activate the frost protection.

TROUBLESHOOTING

ERROR CODE	POSSIBLE CAUSE	SOLUTION			
ON/OFF boiler is not started.	Electrical supply is not provided.	Check the plug. If it is OK, call an authorized service.			
AL01 Flame loss fault	Cable connection fault.	Call an authorized service			
AL02 Overheating	Overheating cable is cut off	Call an authorized service			
fault AL06	Cable connection fault.	Call an authorized service			
NTC fault AL07					
DHW Solar sensor fault AL11	Cable connection fault.	Call an authorized service			
Gas valve parasite fault	Electronic board is damaged.	Call an authorized service			
AL12 Gas valve cable fault	Gas valve cable is damaged.	Call an authorized service			
AL28 Non-resettable lock-out	The 6 allowed lock-outs have been exceeded	Call an authorized service			
AL37 Low voltage supply fault	Voltage supply is out of the limits	Call an authorized service			
AL40 Frequency measurement fault	Cable connection fault.	Call an authorized service			
AL41 Loss of flame for more than 6 consecutive times fault	Wrong installation of gas water heater	Call an authorized service			
AL42 Button fault		Call an authorized service			
AL43 OT Communicaiton Anomally	Cable connection fault.	Call an authorized service			
AL44 Anomaly triggered for gas valve no flame time-out	Gas valve fault.	Call an authorized service			
AL62 Calibration request fault		Call an authorized service			
AL70 DHW Solar sensor overheating fault	NTC is not placed well	Call an authorized service			
AL72 NTC Measurement fault	NTC is not placed well	Call an authorized service			
AL80 SGV Drive fault	Cable connection fault.	Call an authorized service			
AL81 Bad combustion at start-up	Bad combustion at start-up	Check the chimney inlet and outlet. If the error continues, call an authorized service.			
AL82 Bad combustion fault	Bad combustion.	Check the chimney inlet and outlet. If the error continues, call an authorized service.			
AL83 Temporary bad combustion warning	Recirculation due to extraordinary windy weather conditions.	Fault disappears automatically.			
AL84 Temporary combustion fault	Bad combustion.	Call an authorized service			
AL86 Fan hall effect sensor fault	Fan hall effect sensor cable is disconnected.	Call an authorized service			
AL98 Software fault		Call an authorized service			
AL99 Generic anomaly fault		Call an authorized service			
FE Frost protection	If the temperature measured by DHW NTC sensor is lower than 3°C this fault occurs.	Call an authorized service			
FX Long-term fault.		Call an authorized service			

Product specifications are subject to change without notice. ALL RIGHTS RESERVED

INFORMATIONS ABOUT EU REGULATIONS NO 812/2013 (PHOENIX PH HM 11LT/MIN WATER HEATER)

Product Fiches and Package Label Calculations

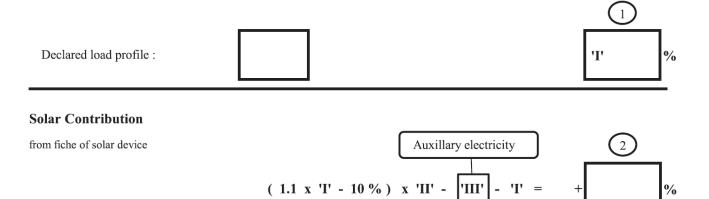
1. PRODUCT FICHES

Product fiche for combination boilers as required by EU regulations No 812/2013

PHOENIX PH HM 11 LT/MIN WATER HEATER	Units	MODEL
Supplier's name or trademark		E.C.A.
Supplier's model identifier		PHOENIX PH HM 11LT/MIN WATER HEATER
Water heating load profile		XL
Efficiency Class - Water heating		А
Rated heat output (P _{rated)}	kW	18,94
Annual electric consumotion - Water heating	kWh	15
Energy efficiency - Water heating	%	81,5
Temperature Setting Range	°C	35-60
Sound Power Level Lwa indoors	dB	48,3
Specific precautions for assembly, installation and maintanence		All specific precautions for installation, assembly and maintanence are described in the installation and service manual.

2. 2 Package Fiche-Combination Heaters (Boilers or Heat Pumps)

Water heating energy efficiency of combination heater

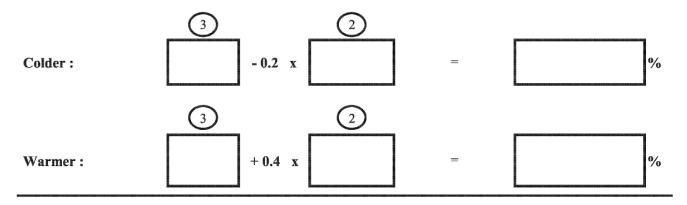


Water heating energy efficiency of package under average climate

Water heating energy efficiency class of package under average climate

	G	F	E	D	С	В	Α	A	A	A***
M	<27%	≥27%	≥30%	≥33%	≥36%	≥39%	≥65%	≥100%	≥130%	≥163%
	<27%	≥27%	≥30%	≥34%	≥37%	≥50%	≥75%	≥115%	≥150%	≥188%
□ XL	<27%	≥27%	≥30%	≥35%	≥38%	≥55%	≥80%	≥123%	≥160%	≥200%
	<28%	≥28%	≥32%	≥36%	≥40%	≥60%	≥85%	≥131%	≥170%	≥213%

Water heating energy efficiency under colder and warmer climate conditions



The energy efficiency of the package of product provided for in this fiche may not correspond to its actual energy efficiency once installed in a building, as this efficiency is influenced by further factors such as heat loss in the distribution system and the dimensioning of the products in relation to building size and characteristics.

'I' The value of the water heating efficiency of the combination heater, expressed in %

'II' The value of the mathematical expression (220 . Qref)/Qnonsol, where Qref is taken from Regulation EU 811/2013, Annex VII Table 15 and Qnonsol from the product fiche of the solar device for the declared load profile M, L, XL or XXL of the combination heater. 'III' The value of the mathematical expression (Qaux . 2,5)/(220 . Qref), expressed in %, where Qaux is taken from the product fiche of the solar device and Qref from Regulation EU 811/2013, Annex VII Table 15 for the declared load profile M, L, XL or XXL.



EMAS MAKINA SANAYI A.Ş.

AT UYGUNLUK BEYANI EC DECLARATION OF CONFORMITY

Üretici/Manufacturer: EMAS MAKINA SANAYI A.Ş. Adress : Mustafa Kemal Bulvarı Organize Sanavi Bölgesi 3 Kisim No: 13, 45030 MANISA-TURKEY Tel: +90 236 213 00 21 pbx Faks: +90 236 213 08 59

Onay Kurulusu/Notified Body: 0085 - DVGW CERT GmbH, Josef-Wirmer Str. 1-3 53123 Bonn, Germany

Belge No / Certificate Number: CE-0085CU0315

Ürün Tanımı/Product Description: Hermetik, Gazlı Şofben Room Sealed, Gas Water Heater

Tip Tanımı/Type Designation: PHOENIX PH HM 11 Tip Tanımı/Type Designation: KRONNOKS KS HM 11

2009/142/AT Gaz Yakan Cihazlar Direktifi / Gas Appliances Directive 2009/142/EC EN 26, EN 13203 2016/426 GAR Gaz Yakan Cihazlar Regulasyonu / EU Regulation on Appliances Burning Gaseous Fuels: EU/2016/426, EN 26, EN 13203

Belirli Gerilim Sınırları İçin Tasarlanan Elektrikli Ekipman İle İlgili Yönetmelik (2014/35/EU) / Low Voltage Directive 2014/35 EU EN60335-1, EN 60335-2-102 Elektromanyetik Uyumluluk Yönetmeliği 2014/30/AB / EMC Directive 2014/30/EU EN 55014-1, EN 55014-2, 61003-2, 61003-3, 61000-4-2, 61000-4-3, 61000-4-4, 61000-4-5, 61000-4-6, 61000-4-11

Asağıda imzası bulunan şirketimiz yukarıda adı, tipi ve modeli belirlenen cihazları, ekte yer alan B/18/01/2576 EU numaralı rapor dahilinde ilgili standartlara, AT Gaz Yakan Cihazlar Yönetmeliklerine uygun olarak tasarlayıp ürettiği beyan eder.

The undersigned company certifies under its sole responsibility that the item of equipment specified above has been designed, manufactured, inspected and tested as required by the relevant provisions of the EC Gas Appliances Directive based on the enclosed pages of the EC type examination report No: B/18/01/2576 EU Yetkili olmayan kişiler tarafından yapılan değişiklikler ya da uygun olmayan kullanım şekilleri bu beyanı gecersiz kılar. / Any unauthorised changes to the supplied products and/or any improper use invalidates this declearation of conformity.

Üretici adına imzalayanlar / Signitures on be half of the manufacturer : Ali YURTERİ Isim / Name : Kalite Sistemleri N üdürü

Görevi / Position:

Place, Date

Quality Assurance Manager Yer, Tarih: Manisa, 03.09.2019

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