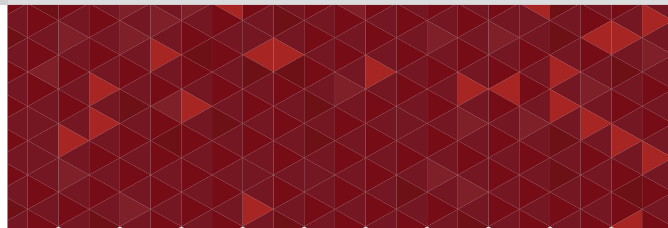




WWW.KETROWA.COM

## ABOUT KETROWA

Providing materials and equipment for construction projects is always one of the most important concerns of builders and project managers. The importance of this issue stems from its direct impact on the project schedule, construction cost, and final building value. With the aim of facilitating the process of providing construction goods and taking into account its social responsibility, Ketrowa team has created a comprehensive and online system. In this system, builders will be able to prepare the schedule for the supply of materials and equipment for their construction projects and order the supply of goods based on the plan. These orders are made by comparing various products available in the system. Mass builders are the most important target customers of Ketrowa, and Ketrowa tries to supply and deliver goods on time to the consumer by logical planning for manufacturers and by providing cash and credit purchase model. Also, due to the reception and request for the supply of construction products for foreign markets, the supply of construction products for export markets is another main goal of Ketrowa. Ketrowa plans to transform the traditional and opaque market into a modern, high-speed and accurate market where buyers can get the quality goods they want at the most appropriate price.



MECHANICAL, HEATING  
& COOLING FACILITIES

ELECTRICAL  
FACILITIES

SANITARY

STRUCTURE

JOINERY &  
FINISHING

Products are produced and  
supplied in five branches:

Structure, Electrical  
Facilities, Mechanical, Heating &  
Cooling Facilities, Sanitary, Joinery &  
Finishing., combining art and industry.

3

2

1

4

5



## Package and Condensing Boiler





## Package and Condensing Boiler Series 2

- Equipped with radiation premix burner.
- The ability to adjust the temperature of the heating circuit according to the outside temperature.
- Ability to install cascade and internal network.
- Stainless steel heat exchanger.
- Small, silent and light weight.
- Quick and easy installation.
- Equipped with temperature, flow and water pressure safety sensors.
- Module or gradual adjustment of automatic flame according to energy consumption.
- Equipped with pump anti-seize system, water anti-freeze and electronic fault finder.
- Ability to connect to building management system (BMS) and network.
- Equipped with an advanced intelligent digital control system.
- Available in two types of packages and pots.
- Resistant to acids from sour gases.

### Dimensions of the Installation Site

Model	Depth(mm)	The size of the center of the chimney from the top view of the device (mm)
226	370	110
230	370	130
235	370	150
240	400	200
245	450	220
250	450	250

### Specifications

#### Technical Specifications

Model	Heating Power (Kw)	Thermal Efficiency		Thermal Efficiency % (30% partial load)	Pressure (bar)	Dewatering Volume (Litre)	Natural Gas Consumption (m3/hr)	Maximum Chimney Temperature (50/30) °C	Weight of the Device without Water (Kg)
		Max(50/30)°C	Max(80/60)°C						
226	26	105	97.51	108.6	0.5-3	2.8	2.6	68	36
230	30	105	97.3	108.2	0.5-3	3.1	3	68	37
235	35	105	97.91	109.3	0.5-3	3.4	3.5	70	38
245	45	105	97.91	109.3	0.5-3	4	4.5	70	42
250	50	105	97.91	109.3	0.5-3	4.3	5	70	45



### Ground Condensing Package and Boiler Series 4

- Low fuel consumption with 107% thermal efficiency
- Compatibility with the environment
- Stainless steel heat exchanger
- Quick and easy installation
- In line with today's technology
- Module or gradual adjustment of automatic flame according to energy consumption
- Equipped with pump anti-seize system, water anti-freeze and electronic fault finder
- Ability to connect to building management system (BMS) and network
- Equipped with an advanced intelligent digital control system
- Resistant to acids from sour gases
- Ability to install cascade up to 30 devices (9600 kW in an engine room) in an intelligent way
- Small, silent, high dewatering volume and light weight
- Equipped with a control panel and safety sensors for temperature and water flow
- Equipped with Pre mix burner
- Pressure (bar)



### Sizes of the Installation Site Based on the Production Series

Model	Height (mm)	Width (mm)	Depth (mm)	The size of the heating pipes (inch)			Gas pipe size (inch)	Chimney diameter (mm)	The size of the center of the chimney from the side and back of the device (mm)	
	A	B	C	D	E	F	G	H	I	J
407	1745	605	705	1 1/4	1 1/4	1 1/4	3/4	φ80	120	600
412	1745	695	810	1 1/4	1 1/4	1 1/4	3/4	φ100	120	600
422	1775	825	955	2	2	2	1	φ160	160	825
432	1800	945	1100	DN65 PN10	DN65 PN10	DV65 PN10	1	φ200	160	950

### Specifications

#### Technical Specifications

Model	Heating Power			Thermal Efficiency		Thermal Efficiency % (30% partial load)	Pressure (bar)	Natural Gas Consumption (m3/hr)	Maximum Chimney Temperature		Dewatering Volume (Litre)	Weight of the Device without Water (Kg)
	Kw	Kcal/hr	Btu/hr	Max(50/30)°C	Max(80/60)°C	Max(50/30)°C			(50/30) °C	(80/60) °C		
407	70	60,000	240,000	102	98.3	107	0.8-6	7	42	67	160	212
412	125	108,000	432,000	102	98.3	107	0.8-6	12	42	67	265	280
422	220	190,000	760,000	102	98.5	107	0.8-6	22	45	67	380	410
432	320	275,000	1,100,000	102	98.5	107	0.8-6	32	45	67	530	540

**EQM**  
CERTIFICATION SERVICES  
**CERTIFICATE**

THE MANAGEMENT SYSTEM OF  
**TOSEE VA TAMIN BANA GOSTAR ASIA SAZEH CO. (KETROWA)**

NO.477, BETWEEN 1ST AND 2ND VAHID ST., SHAHID BEHESHTI BLVD., BAGHESTAN HWY., SHAHRAR, TEHRAN PROVINCE, IRAN

has been assessed and certified as meeting the requirements of

**ISO 14001:2015**

Environmental management system

**FOR THE FOLLOWING ACTIVITIES**

Comprehensive Supplier of Building Materials

CERTIFICATE REGISTRATION NO.: QM5933306  
ORIGINAL CERTIFICATION DATE: MAY 07, 2025  
CURRENT CERTIFICATION DATE: MAY 07, 2025  
CERTIFICATE EXPIRY DATE: MAY 07, 2028

THIS CERTIFICATE REMAINS VALID SUBJECT TO SATISFACTORY SURVEILLANCE AUDITS.

*imark*  
Authorized Signatory  
EQM Ltd. Certification Services  
info@eiqmcert.com



EQM Ltd. Certification Services is a certification body for assessment of objective evidence and issuance of certificate. this certificate is issued on the basis of the independent authority of the EQM certification services. we partner with you to offer independent services that will help you, streamline your processes and operate in a more sustainable manner.  
The validity of this certificate can be verified at [www.eiqmcert.com](http://www.eiqmcert.com)



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has been assessed and certified as meeting the requirements of

**ISO 45001:2018**

Occupational health and safety management system

**FOR THE FOLLOWING ACTIVITIES**

Comprehensive Supplier of Building Materials

CERTIFICATE REGISTRATION NO.: QM5933307  
ORIGINAL CERTIFICATION DATE: MAY 07, 2025  
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has been assessed and certified as meeting the requirements of

**ISO 9001:2015**

Quality management system

**FOR THE FOLLOWING ACTIVITIES**

Comprehensive Supplier of Building Materials

CERTIFICATE REGISTRATION NO.: QM5933305  
ORIGINAL CERTIFICATION DATE: MAY 07, 2025  
CURRENT CERTIFICATION DATE: MAY 07, 2025  
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has been assessed and certified as meeting the requirements of

**IMS**

ISO 9001:2015 , ISO 14001:2015 , ISO 45001:2018

**FOR THE FOLLOWING ACTIVITIES**

Comprehensive Supplier of Building Materials

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