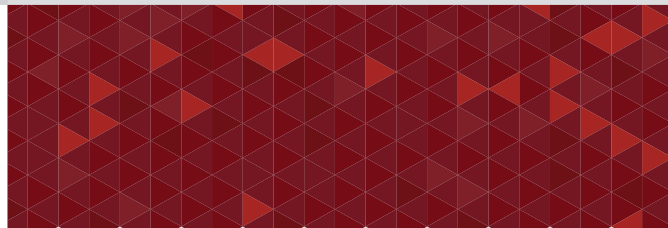




WWW.KETROWA.COM

## 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.

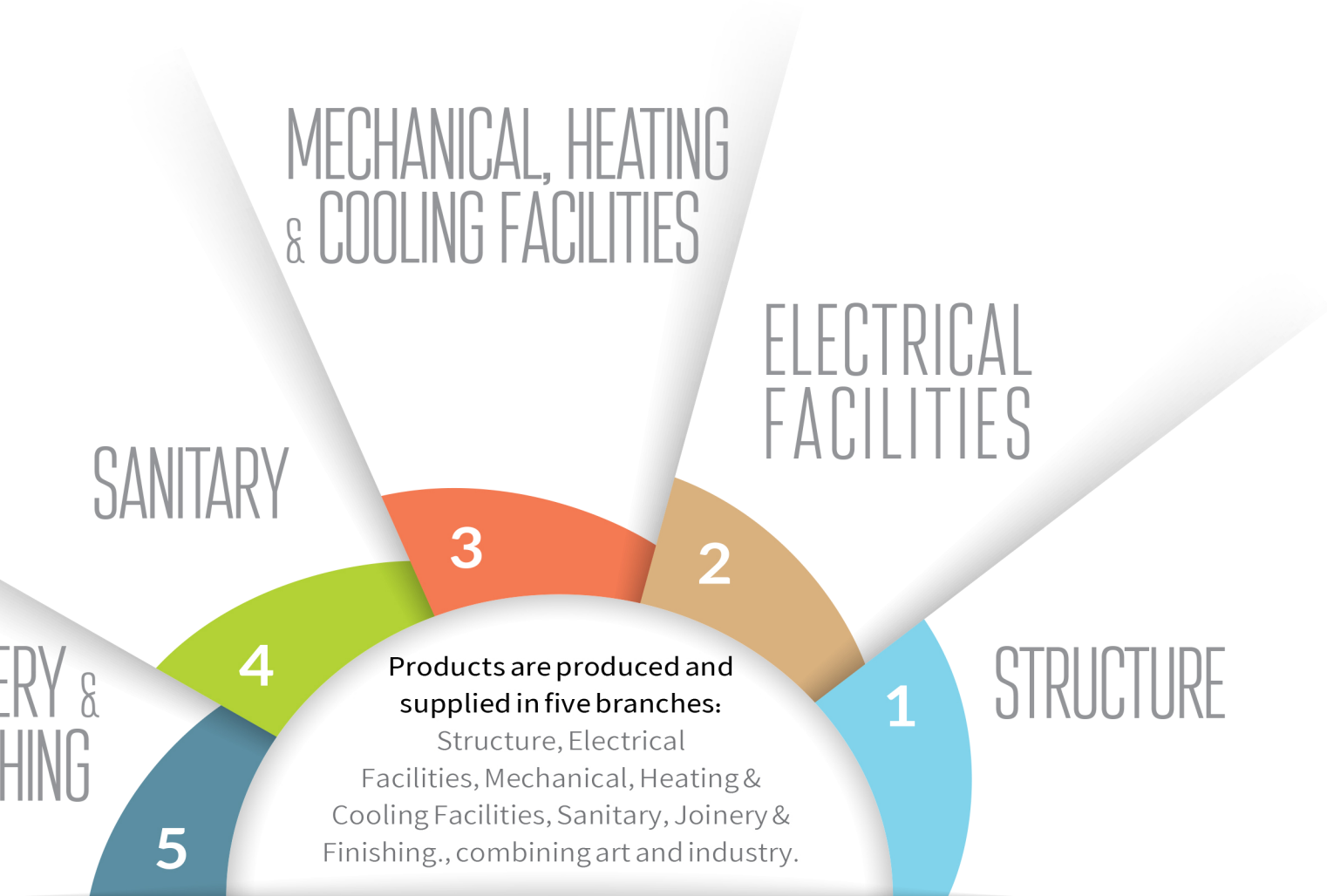
3

2

1

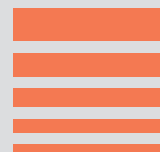
4

5





## Air conditioner series 5





### **Air Conditioner Series 5**

- Aeration capacity 1000 ~ 50000 CFM and the ability to increase if the customer needs
- Ability to install in open space
- Can be installed in environments with high humidity and high-water deposition
- Low noise, high efficiency and low energy consumption
- Very suitable dimensions for minimum occupied space
- Design and manufacture in accordance with international standards
- Design in standard types, air washer and hygienic
- Design in single-zone and multi-zone types
- Available in vertical and horizontal versions
- The ability to equip with all kinds of aluminum, bag, etc.
- The ability to be equipped with a humidifier and dehumidifier according to the type of climate
- Equipped with a hot and cold-water exchanger (coil).
- Quick and safe access to the inside of the air conditioner for maintenance
- According to customer needs
- Ability to install variable speed fan motor (blower), inverter
- Ability to install an advanced control circuit with the possibility of connecting to BMS and network
- Long service life of the device by using sides and walls with proper insulation and quality galvanized sheet

## Dimensional Table of the Device

### Dimensional Specifications

The Number of Height Unit	The Number of Width Unit	Width (mm)	Height (mm)	Type
3	2	680	995	522
3	2	680	995	523
4	2	680	1310	524
4	2	995	1310	534
4	4	1310	1310	544
5	4	1310	1625	545
6	4	1310	1940	546
7	4	1310	2255	547
7	5	1625	2255	557
8	5	1625	2570	558
7	6	1940	2225	567
7	7	2255	2255	577
8	7	2255	2570	578
10	7	2255	3200	579

**Air Flow Table (CFM) According to Speed and Device Type**

<b>700</b>	<b>600</b>	<b>550</b>	<b>500</b>	<b>400</b>	<b>Air Speed Index (fpm)/ Type</b>
1470	1260	1155	1050	840	522
2730	2340	2145	1950	1560	523
3920	3360	3080	2800	2240	524
5810	4980	4565	4150	3320	534
7770	6660	6105	5550	4440	544
10080	8640	7920	7200	5760	545
12670	10860	9955	9050	7240	546
14980	12840	11770	10700	8560	547
18690	16020	14685	13350	10680	557
21910	18780	17215	15650	12520	558
24360	20880	19140	17400	13920	567
28070	24060	22055	20050	16040	577
32830	28140	25795	23450	18760	578
41580	35640	32670	29700	23760	579

To determine the air speed index of the converter, the speed of air passing over the surface of the converter is needed. Common speeds in air conditioner converters are between 400 and 700 feet per minute(fpm).



### The Image Surface of the Converter (ft2)

Preheat & Postheat	Heating	Cooling	Specifications / Type
2.1	1.6	2.1	522
3.9	2.9	3.9	523
5.6	4.2	5.6	524
8.3	5.6	8.3	534
11.1	6.9	11.1	544
14.4	9	14.4	545
18.1	11.3	18.1	546
21.4	13.4	21.4	547
26.7	16	26.7	557
31.3	18.8	31.3	558
34.8	21.4	34.8	567
40.1	24.1	40.1	577
46.9	28.1	46.9	578
59.4	35.6	59.4	579

Depending on the needs of the consumer, the device has a cooling, pre-heating and post-heating converter.

  
**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.

  
Authorized Signatory  
EIQM Ltd. Certification Services  
info@eiqmcert.com



EIQM 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 EIQM 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)



  
**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 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  
CURRENT CERTIFICATION DATE: MAY 07, 2025  
CERTIFICATE EXPIRY DATE: MAY 07, 2028  
THIS CERTIFICATE REMAINS VALID SUBJECT TO SATISFACTORY SURVEILLANCE AUDITS.

  
Authorized Signatory  
EIQM Ltd. Certification Services  
info@eiqmcert.com



EIQM 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 EIQM 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)



  
**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 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  
CERTIFICATE EXPIRY DATE: MAY 07, 2028  
THIS CERTIFICATE REMAINS VALID SUBJECT TO SATISFACTORY SURVEILLANCE AUDITS.

  
Authorized Signatory  
EIQM Ltd. Certification Services  
info@eiqmcert.com



EIQM 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 EIQM 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)



  
**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

**IMS**

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

**FOR THE FOLLOWING ACTIVITIES**

Comprehensive Supplier of Building Materials

CERTIFICATE REGISTRATION NO.: QM5933308  
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.

  
Authorized Signatory  
EIQM Ltd. Certification Services  
info@eiqmcert.com



EIQM 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 EIQM 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)





info@ketrowa.com  
[www.ketrowa.com](http://www.ketrowa.com)