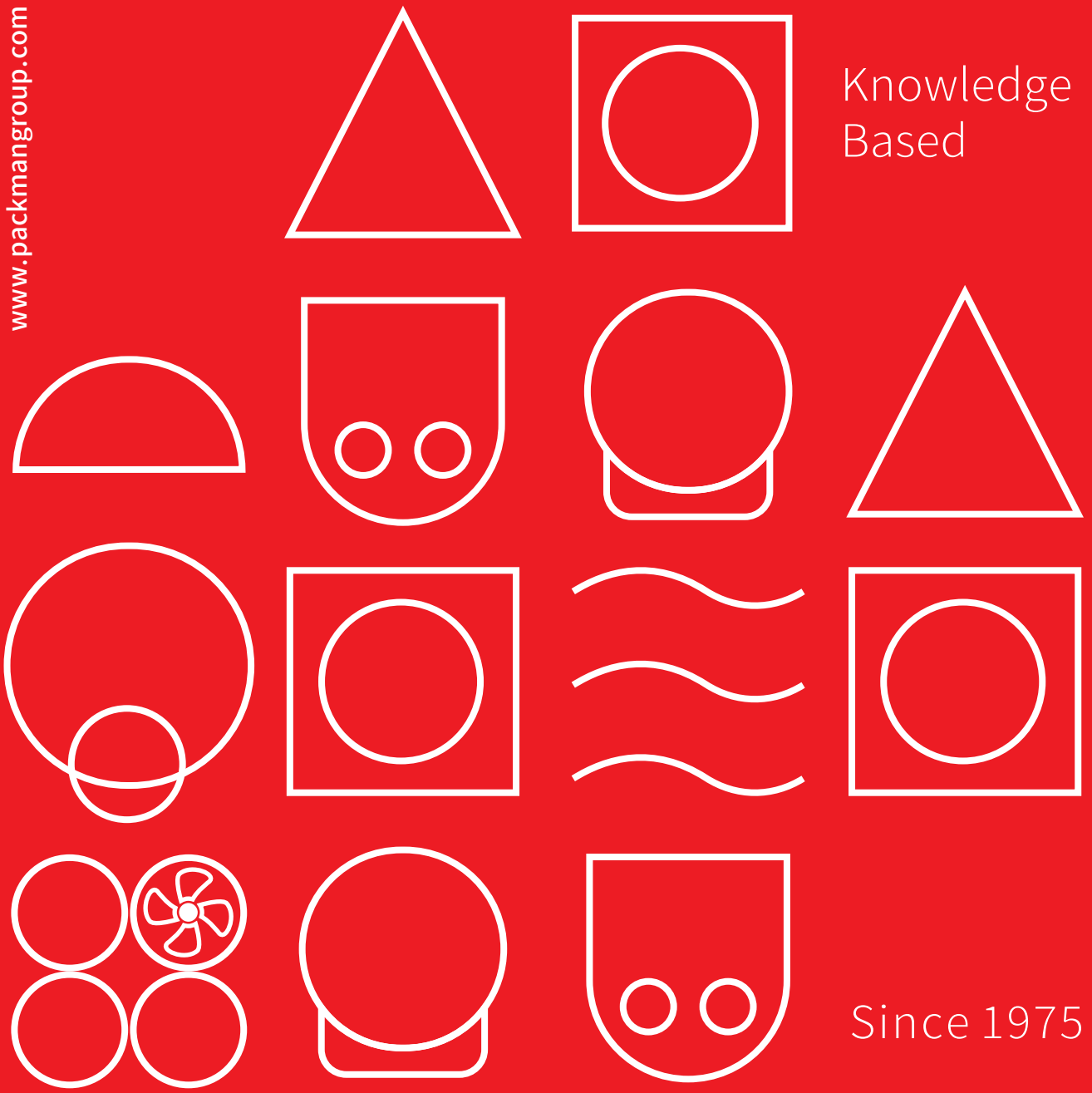


www.packmangroup.com



Knowledge Based

Since 1975



PACKMAN
Industrial Group

 Industrial Autoclave



Industrial Autoclave



Product Description

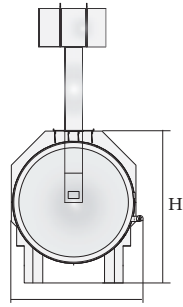
THE PACKMAN COMPANY has the most advanced production line of autoclave, adopts fully automated welding and advanced flow detection instruments, to ensure the safety and reliable operation of autoclave. Our company also design and manufacture various forms of autoclave according to customer's requirements. Industrial autoclaves belong large pressure vessel equipment, used in aerated concrete block, concrete pipe pile, sand lime brick, coal dust brick, high curing gypsum and other building materials, as well as rubber products, wood drying, preservative treatment and other production projects that require exposure to elevated pressure and temperature.

Feature:

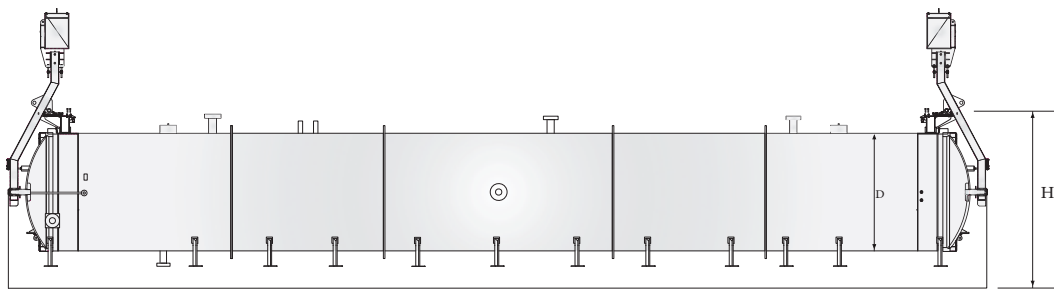
1. Autoclave door with quick open structure equipped with perfect safe interlock protection device, utmost ground to avoid the potential wrong operation, to ensure the safe operation of the auto clave and the safety of operators.
2. Imported rubber sealing ring has the advantages of simple installation, good sealing performance and long service life.
3. Good compatibility with the auxiliary equipment, short installation period, and low investment costs.
4. Depending on the customer's requirement, size of autoclave, available space, various methods are being used to handle the doors.
5. The PLC software is provided with a numerical cycle selector on the touch screen to configure cycles and cycle parameters.
6. For applications requiring vacuum bags, we offer multiple vacuum controls, valves, filtration and sensor manifolds for user-selectable production set-ups.

Quality Control:

1. Strength calculation report with applied materials information.
2. 100% NDT (non-destructive inspection) report of steel plate tube and welding rod including RT and UT examination reports.
3. Hydraulic test report: ensure the standard working pressure and safety.

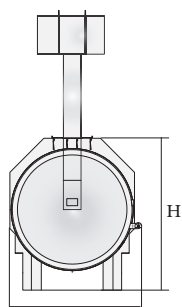


W
H
FRONT VIEW



L
D
H
GENERAL VIEW

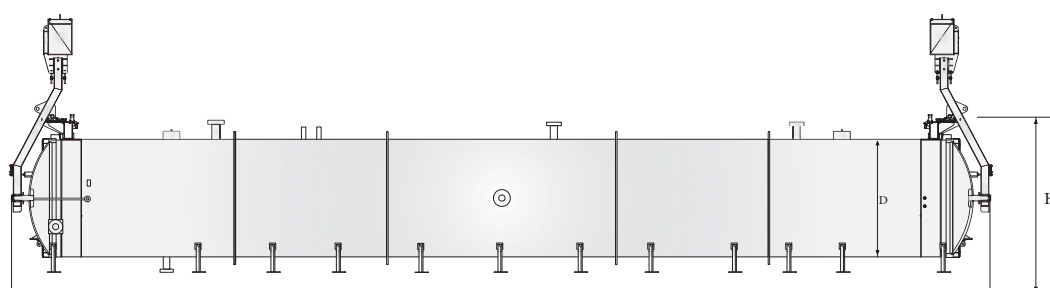
| Model | Unit | PA 1.65x1.0 | PA 1.65x1.3 | PA 2.0x1.0 | PA 2.0x1.1 | PA 2.0x1.3 | PA 2.0x1.5 | PA 2.2x1.3 |
|-------------------------|------|--|-------------|------------|------------|------------|------------|------------|
| Technical Data | | | | | | | | |
| Working Temperature | °C | 184 | 195 | 184 | 188 | 195 | 201 | 195 |
| Working Pressure | Mpa | 1.0 | 1.3 | 1.0 | 1.1 | 1.3 | 1.5 | 1.3 |
| Design Pressure | Mpa | 1.1 | 1.4 | 1.1 | 1.2 | 1.4 | 1.6 | 1.4 |
| Design Temperature | °C | 187 | 198 | 187 | 192 | 198 | 204 | 198 |
| Internal Diameter (D) | m | 1.65 | 1.65 | 2.0 | 2.0 | 2.0 | 2.0 | 2.2 |
| Width (W) | m | 2.619 | 2.619 | 2.695 | 2.695 | 2.695 | 2.695 | 3.288 |
| Height (H) | m | 2.595 | 2.595 | 3.225 | 3.225 | 3.225 | 3.225 | 3.43 |
| Effective Length (L) | m | Customized | | | | | | |
| Working Medium | - | Saturation Steam | | | | | | |
| Door Information | | | | | | | | |
| Mode of Opening | - | Manual Opening, Electric Opening, Pneumatic Opening, Hydraulic Opening | | | | | | |
| Form of Opening | - | Side Open, Upper Open | | | | | | |



W

H

FRONT VIEW

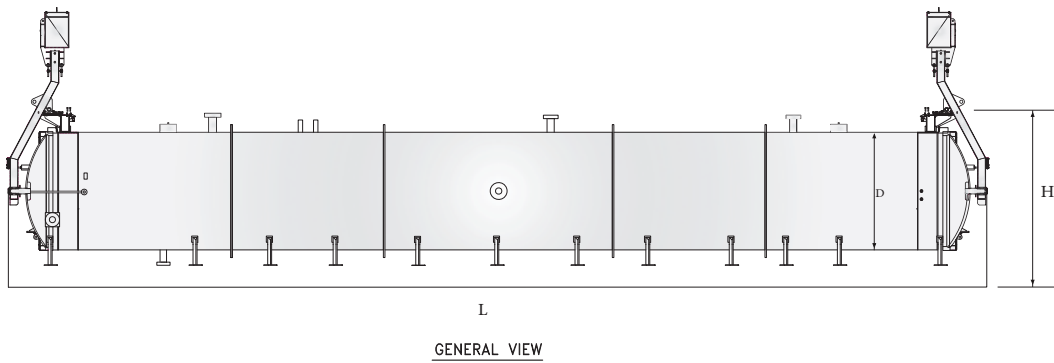
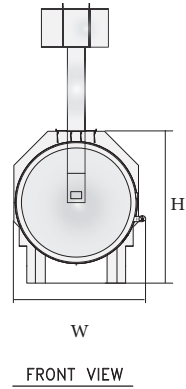


L

H

GENERAL VIEW

| Model | Unit | PA 2.2x1.5 | PA 2.4x1.3 | PA 2.4x1.5 | PA 2.5x1.3 | PA 2.5x1.5 | PA 2.68x1.3 | PA 2.68x1.5 |
|-------------------------|------|--|---------------|---------------|---------------|---------------|----------------|----------------|
| Technical Data | | | | | | | | |
| Working Temperature | °C | 201 | 195 | 201 | 195 | 201 | 195 | 201 |
| Working Pressure | Mpa | 1.5 | 1.3 | 1.5 | 1.3 | 1.5 | 1.3 | 1.5 |
| Design Pressure | Mpa | 1.6 | 1.4 | 1.6 | 1.4 | 1.6 | 1.4 | 1.6 |
| Design Temperature | °C | 204 | 198 | 204 | 198 | 204 | 198 | 204 |
| Internal Diameter (D) | m | 2.2 | 2.4 | 2.4 | 2.5 | 2.5 | 2.68 | 2.68 |
| Width (W) | m | 3.288 | 3.154 | 3.154 | 3.254 | 3.254 | 3.28 | 3.28 |
| Height (H) | m | 3.43 | 3.917 | 3.917 | 4.017 | 4.017 | 4.143 | 4.143 |
| Effective Length (L) | m | Customized | | | | | | |
| Working Medium | - | Saturation Steam | | | | | | |
| Door Information | | | | | | | | |
| Mode of Opening | - | Manual Opening, Electric Opening, Pneumatic Opening, Hydraulic Opening | | | | | | |
| Form of Opening | - | Side Open, Upper Open | | | | | | |



| Model | Unit | PA 2.85x1.3 | PA 2.85x1.5 | PA 3.0x1.3 | PA 3.0x1.5 | PA 3.2x1.3 | PA 3.2x1.5 |
|-------------------------|------|--|----------------|---------------|---------------|---------------|---------------|
| Technical Data | | | | | | | |
| Working Temperature | °C | 195 | 201 | 195 | 201 | 195 | 201 |
| Working Pressure | Mpa | 1.3 | 1.5 | 1.3 | 1.5 | 1.3 | 1.5 |
| Design Pressure | Mpa | 1.4 | 1.6 | 1.4 | 1.6 | 1.4 | 1.6 |
| Design Temperature | °C | 198 | 204 | 198 | 204 | 198 | 204 |
| Internal Diameter (D) | m | 2.85 | 2.85 | 3.0 | 3.0 | 3.2 | 3.2 |
| Width (W) | m | 3.58 | 3.58 | 4.537 | 4.537 | 4.74 | 4.74 |
| Height (H) | m | 4.493 | 4.493 | 4.66 | 4.66 | 5.131 | 5.131 |
| Effective Length (L) | m | Customized | | | | | |
| Working Medium | - | Saturation Steam | | | | | |
| Door Information | | | | | | | |
| Mode of Opening | - | Manual Opening, Electric Opening, Pneumatic Opening, Hydraulic Opening | | | | | |
| Form of Opening | - | Side Open, Upper Open | | | | | |

PACKMAN GROUP

History

The Packman Company was founded in February 1975, and was soon afterwards registered in companies Registration Office. In early years the Packman construction and service branch focused on building installations. Different mega power plants were built by cooperating with Brown Boveri and Asseck companies in 1976.

The company started its official activities in construction of High-Pressure Vessels such as Hot-Water Boilers, Steam Boilers , Storage Tanks, Softeners and Heat Exchangers from 1984.

Packman Company is one of the first companies which supplied the high quality and standard hot water boilers to the customers.

Packman has exported its products to countries such as Uzbekistan, United Arab Emirates and other countries in the Middle East. It is one of the largest producers of hot-water and steam boilers in the Middle East.

Now we are proud to announce that the Packman industrial group has five major sub-brands that have product titles in all field of HVAC equipment and engineering services, and we do not know this success except with the help and support of our customers.

1. Construction Services Industry Association
2. Industry Association
3. Construction Companies' Syndicate
4. Technical Department Association
5. Mechanical Engineering Association
6. Engineering Standard Association

Departements:

Sales Deps:

- ∩ Power Plant & Petrochemical
- ∩ Industrial
- ∩ Hospitally Service
- ∩ Commercial & Residential
- ∩ Sport Complex & Pool

Technical Deps:

- ≡ Manufacturing R&D
- ≡ Innovation Center
- ≡ EPC Execute Unit
- ≡ Product Develop Unit
- ≡ Sales Engineering Dep.

Others:

- ≈ After Sales Service
- ≈ Project Control
- ≈ Financial Office
- ≈ Commercial Office
- ≈ Marketing Department



PACKMAN GROUP Brands



PACKMAN
Industrial Group

Designer & manufacturer of Condensing, Hot Water, Steam, Hot Oil & Waste Heat Boilers, Heat Exchangers, Autoclave Pressure & Storage Vessels & etc



GREENMAN
Green mindset, green future

Engineering & Designing Commercial Greenhouse Plant, CO2 Dosing System, Flue gas Condenser & Special HVAC Systems, Sustainable Agriculture & etc



ROMAN
Water solution

Designer & manufacturer Reverse Osmosis Plant & Package, Water Treatment, Softener & Filters and Chemical Dosing Systems & etc



RAADMAN
a look to the future

Designer & manufacturer of Industrial Mono & Dual Block Gas, LPG, Light & Heavy Oil Burners, Premixed & Postmixed Burners, Water tube burners, Process burners, Special application burners & Combustion Solutions & etc



CHILLMAN
Coolest hvac around

Designer & manufacturer of Air & Water Cooled Chillers, Air Handling Units, Fancoil, HVAC Equipment, Cold Storage Room & etc



1. Isfahan Factory



2. Vilashahr Factory



3. Parand Factory



4. Parand (2) Factory



5. Bonyad Factory

SOME OF Certificates are



Knowledge Based



PACKMAN



GREENMAN



ROMAN



RAADMAN



CHILLMAN

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