

# Giant F

## High Performance Flat Industrial Condensers



Horizontal installation



Vertical installation

### Top Advantages

- Turbo fin technology for extraordinary heat transfer.
- Reliable performance, Eurovent certified.
- Reliable, quiet and energy efficient.
- Modular construction available in single or dual fan row for installation flexibility.



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information

### General information and application

Giant F stands out for next-level thermal efficiency and advanced engineering in industrial air conditioning and refrigeration with HFC refrigerants.

Built for demanding commercial and industrial systems, Giant F combine advanced LUVE solutions — like turbo fin technology and our SafeTube System —with versatile installation and proven long-term reliability.

|                                                      |                                            |
|------------------------------------------------------|--------------------------------------------|
| <b>Refrigerants</b>                                  | HFC                                        |
| <b>Capacities (<math>\Delta T=15^\circ K</math>)</b> | 37 up to 1,632 kW                          |
| <b>Air flow</b>                                      | from 7,200 up to 349,200 m <sup>3</sup> /h |

### Standard configuration

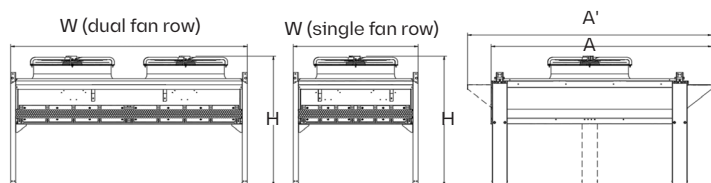
- Modular platform for both **horizontal and vertical installation**.
- **Advanced turbo fins** delivering higher thermal performance, reduced fouling and greater operational efficiency.
- Patented SafeTube System: protects the coil against vibration and thermal shocks, ensuring reliability and long unit service.
- Casing and frame in high-quality C4-H galvanized steel, painted (RAL 9003, white).
- High-efficiency EC axial fans in three diameters (800, 910, 950 mm), with external rotor motors (IP55), selectable for noise, energy, or footprint requirements; support for both single and dual row arrangements. 1 to 16 fans.
- Sound-optimized for sensitive/residential sites.

### Design pressure

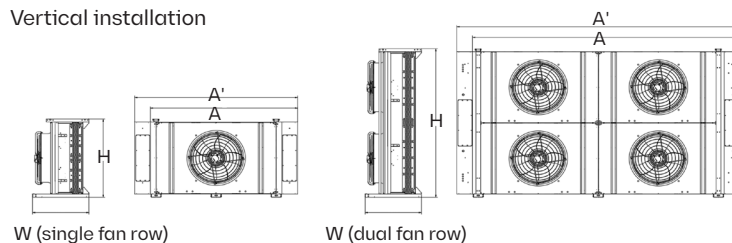
Design pressure 30 bar.  
Each heat exchanger is leak tested with dry air.

## Dimensions

### Horizontal installation



### Vertical installation



\*A for same side connection units, A' for opposite side connection units

| Model                     | mm | Single fan row |       |       |       |        |        | Dual fan row |       |       |        |        |        |        |
|---------------------------|----|----------------|-------|-------|-------|--------|--------|--------------|-------|-------|--------|--------|--------|--------|
|                           |    | 1              | 2     | 3     | 4     | 5      | 6      | 4            | 6     | 8     | 10     | 12     | 14     | 16     |
| SAL H<br>H=1,612          | A  | 2,085          | 3,685 | 5,285 | 6,885 | 8,485  | -      | 3,685        | 5,285 | 6,885 | 8,485  | 10,085 | 11,685 | 13,285 |
|                           | A' | 2,365          | 3,965 | 5,565 | 7,165 | 8,765  | -      | 3,965        | 5,565 | 7,165 | 8,765  | 10,365 | 11,965 | 13,565 |
|                           | W  | 1,255          | 1,255 | 1,255 | 1,255 | 1,255  | -      | 2,355        | 2,355 | 2,355 | 2,355  | 2,355  | 2,355  | 2,355  |
| SAL V<br>W=1,000          | A  | 2,085          | 3,685 | 5,285 | 6,885 | 8,485  | -      | 3,685        | 5,285 | 6,885 | -      | -      | -      | -      |
|                           | A' | 2,365          | 3,965 | 5,565 | 7,165 | 8,765  | -      | 3,965        | 5,565 | 7,165 | -      | -      | -      | -      |
|                           | H  | 1,250          | 1,250 | 1,250 | 1,250 | 1,250  | -      | 2,350        | 2,350 | 2,350 | -      | -      | -      | -      |
| EAL H<br>EHL H<br>H=1,640 | A  | 2,620          | 4,753 | 6,886 | 9,019 | 11,152 | 13,285 | 4,753        | 6,886 | 9,019 | 11,152 | 13,285 | -      | -      |
|                           | A' | 2,890          | 5,023 | 7,156 | 9,289 | 11,422 | 13,555 | 5,023        | 7,156 | 9,289 | 11,422 | 13,555 | -      | -      |
|                           | W  | 1,255          | 1,255 | 1,255 | 1,255 | 1,255  | 1,255  | 2,355        | 2,355 | 2,355 | 2,355  | 2,355  | -      | -      |
| EAL V<br>EHL V<br>W=1,000 | A  | 2,620          | 4,753 | 6,886 | 9,019 | 11,152 | 13,285 | 4,753        | 6,886 | 9,019 | 11,152 | 13,285 | -      | -      |
|                           | A' | 2,890          | 5,023 | 7,156 | 9,289 | 11,422 | 13,555 | 5,023        | 7,156 | 9,289 | 11,422 | 13,555 | -      | -      |
|                           | H  | 1,250          | 1,250 | 1,250 | 1,250 | 1,250  | 1,250  | 2,350        | 2,350 | 2,350 | 2,350  | 2,350  | -      | -      |
| XAL H<br>XHL H<br>H=1,640 | A  | 2,620          | 4,753 | 6,886 | 9,019 | 11,152 | 13,285 | 4,753        | 6,886 | 9,019 | 11,152 | 13,285 | -      | -      |
|                           | A' | 2,890          | 5,023 | 7,156 | 9,289 | 11,422 | 13,555 | 5,023        | 7,156 | 9,289 | 11,422 | 13,555 | -      | -      |
|                           | W  | 1,480          | 1,480 | 1,480 | 1,480 | 1,480  | 1,480  | 2,805        | 2,805 | 2,805 | 2,805  | 2,805  | -      | -      |
| XAL V<br>XHL V<br>W=1,000 | A  | 2,620          | 4,753 | 6,886 | 9,019 | 11,152 | 13,285 | 4,753        | 6,886 | 9,019 | 11,152 | 13,285 | -      | -      |
|                           | A' | 2,890          | 5,023 | 7,156 | 9,289 | 11,422 | 13,555 | 5,023        | 7,156 | 9,289 | 11,422 | 13,555 | -      | -      |
|                           | H  | 1,475          | 1,475 | 1,475 | 1,475 | 1,475  | 1,475  | 2,800        | 2,800 | 2,800 | 2,800  | 2,800  | -      | -      |

## Options

- Fin material: Aluplus fins (AP), Cu (on request)
- Mounting feet for horizontal installation H=1 m
- Anti-vibration pads
- Whisperer Plus
- Water spray kit
- **Electrical accessories:**
  - Wired Isolator switch (IS)
  - Wired junction box (CB)
  - Basic switchboard with fuse protection (ESB) with optional Master Controller regulation
  - Electrical cabinet with circuit breakers (ECCB) with optional Master Controller regulation
  - Electrical cabinet with Intelligent Control Management regulation (ICM)

## Selection

Selection and pricing is to be performed with our air heat exchanger selection software Plair. Selection output includes all relevant technical data and dimensional drawings.

## Code description

|     |   |   |   |      |   |   |   |   |   |   |   |
|-----|---|---|---|------|---|---|---|---|---|---|---|
| SAV | 8 | S | - | 2152 | H | ( | 1 | x | 5 | ) | * |
| 1   | 2 | 3 |   | 4    | 5 |   | 6 |   | 7 |   | 8 |

- 1 Giant F condensers (SAV, EAV, EHV, XAV, XHV)
- 2 Fan diameter (8=800, 9=910, 95=950 mm)
- 3 Noise level (F-N=normal, S-X-T=quiet, U-R=residential)
- 4 Model code
- 5 Installation (H=horizontal, V=vertical)
- 6 No. rows
- 7 No. fans per row
- 8 Options

## Certifications

The LUVE quality system is in accordance with ISO 9001. All products are manufactured according to PED regulations. LUVE participates in the ECP program for HE.

Check ongoing validity of certificate:

[www.eurovent-certification.com](http://www.eurovent-certification.com)

