

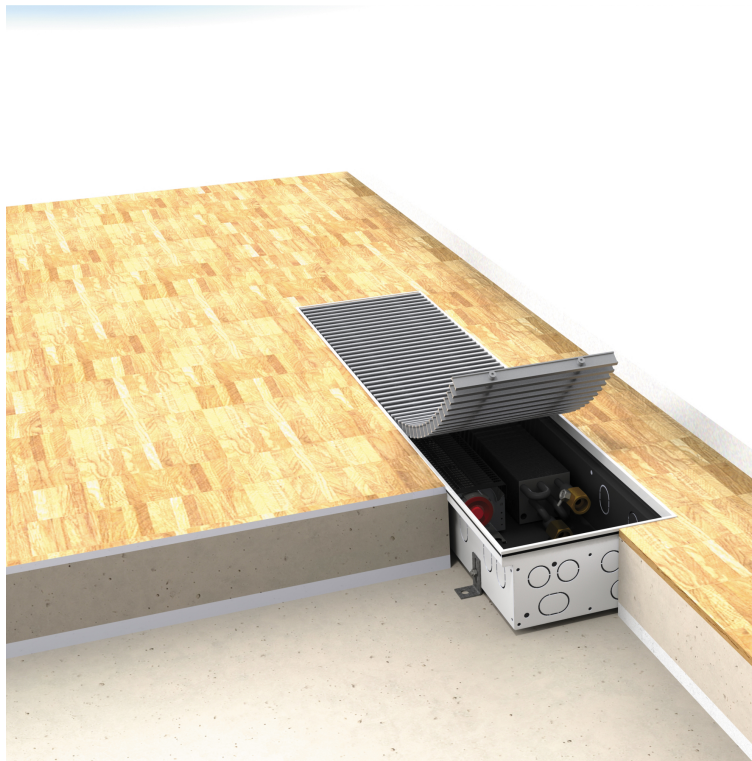
Product Data Sheet

12/7/2024

Convectors & Fan Coils

Aquilo F2V

Romania - Purmo



- High Performance
- Quiet Operation
- Aesthetic Flexibility
- Energy Efficient
- Versatile Applications

Description

The Trench F2V combines superior heating and cooling capabilities with a sleek, unobtrusive design. Featuring a copper and aluminum heat exchanger housed in a stainless steel tray, and supported by quiet fans, this unit offers enhanced performance in both residential and commercial applications. The aesthetic appeal is maintained with a choice of wood or metal grilles, available in various finishes. Ideal for areas with large windows, it ensures even temperature distribution and energy efficiency. For specifications and installation, please reference our detailed guidelines.

Area of Application

Trench F2V is suitable for heating or cooling residential buildings, exhibition spaces, theaters, hospitals, sports halls, and any area with large windows. It features high performance at 230V with parameters defined by EN 16430. Ideal for both heating and cooling in 2-pipe systems.

Selection Criteria

Use our design service for precise product selection, or refer to our brochure for a quick selection. Alternatively, utilize our online performance calculator.

Basic User Instructions

Position the Trench F2V in the floor close to exterior walls or large windows for optimal results. Connect the heat exchanger to the system using G ½" internal thread connections. Ensure to integrate with an electrical room thermostat with a speed controller. Please note that specialized pool versions are required for pool applications, using the RMS module.

Prescription text specifiers

The Trench F2V is a high-performance heating and cooling convector designed for floor installation. Suitable for residential and commercial settings, it operates at 230V and integrates a copper and aluminum heat exchanger housed in a stainless steel tray. The fans are quietly efficient, ensuring minimal noise while delivering enhanced performance. Customize with wood or metal grilles in a variety of finishes. Connect to the system via G ½" internal threads and control via room thermostats equipped with speed controllers. Specialized versions are available for pool applications using the RMS module. Ideal for areas with large windows, ensuring optimal climate control and energy efficiency.

Warranty

Specification

| Feature | Unit | Value |
|---|-----------------|--|
| Etim Class | | EC003531 - Convector pit complete without grid |
| Material pit | | Steel |
| Material, grid frame | | Other |
| Material heat exchanger | | Aluminium/copper |
| Heat exchanger position | | Wall |
| Outer length | Millimetre (mm) | 850, 1200, 1600, 2100, 2400, 2700 |
| Outer width | Millimetre (mm) | 340 |
| Outer depth | Millimetre (mm) | 170 |
| Length grid frame | Millimetre (mm) | 850, 1200, 1600, 2100, 2400, 2700 |
| Width grid frame | Millimetre (mm) | 340 |
| Height grid frame | Millimetre (mm) | 170 |
| Heat emission according to EN 442 20 °C Watt (W) - 75/65 | | 1675, 3351, 4978, 7096, 8674, 10398 |
| Heat emission according to EN 442 20 °C Watt (W) - 70/40 | | 1078, 2156, 4565, 5203, 5580, 6690 |
| Wall thickness | Millimetre (mm) | 0.75 |
| N-exponent | | 1.03 |
| With dynamic power booster | | No |
| Max. operating pressure | Bar (bar) | 10 |
| Water content | Litre (l) | 0.6, 0.8, 1.1, 1.5, 1.7, 1.9 |
| Number of standard connections | | 2 |
| Connection 7, right side low | | Inlet/outlet flow |
| With connection pipes | | Yes |
| With de-aeration connection | | Yes |
| With de-aerator | | Yes |
| With drain possibility (connection) | | No |
| With drain valve | | No |
| Watertight pit | | Yes |
| Material division plate | | Steel |
| Item weight | Kilogram (kg) | 18, 25, 33, 44, 51, 58 |

Resources

| Document Description | Document Type | Link |
|----------------------|---------------|------|
|----------------------|---------------|------|

Items

| Local Code | Global Item Code | Item Description |
|------------|------------------|------------------|
| 6708911 | FHRF2V03408517N3 | F2V 340x0850x170 |
| 6708912 | FHRF2V03412017N3 | F2V 340x1200x170 |
| 6708913 | FHRF2V03416017N3 | F2V 340x1600x170 |
| 6708914 | FHRF2V03421017N3 | F2V 340x2100x170 |
| 6708915 | FHRF2V03424017N3 | F2V 340x2400x170 |
| 6708916 | FHRF2V03427017N3 | F2V 340x2700x170 |