

AIR COOLED V-TYPE CONDENSER

Model: RVC 463-200



GENERAL INFORMATION

| Parameter | Unit | Value |
|------------------------|-------------------|-------------------|
| Air inlet temperature | °C | 35 |
| Condensing temperature | °C | 50 |
| Inlet superheat | °C | 40 |
| Subcooling | °C | 0 |
| Refrigerant | - | R404a |
| Altitude | m | 0 |
| Type | - | V-type |
| Power supply | - | 380-420V/3Ph/50Hz |
| Capacity | kW | 206 |
| Air flow @ 0 Pa | m ³ /h | 58,000 |
| Power consumption | W | 6,800 |
| Motor consumption | A | 12 |
| Fan speed | 1/min | 1,400 |



FAN INFORMATION

| Parameter | Unit | Value |
|-----------------------|----------------|---------|
| Fans | mm | 4 x 630 |
| Poles | n | 4 |
| Volume | L | 82 |
| Surface | m ² | 633 |
| Sound level (at 10 m) | dB(A) | 62 |
| Sound power level | dB(A) | 93 |

DIMENSION AND MECHANICAL DATA

| Parameter | Unit | Value |
|----------------------------|--------|-----------------------|
| Weight | kg | 1,030 |
| Inlet connections | n x in | 1 x 1 3/8" |
| Outlet connections | n x in | 1 x 1 1/8" |
| Circuit | n | 4 x 22 |
| Overall dimensions (LxWxH) | mm | 2,490 x 2,270 x 1,820 |

MATERIALS

| Component | Material |
|------------------|------------------------|
| Casing material | Powdered Coated (GS) |
| Headers material | Copper / Steel |
| Fin material | Epoxy Coated Aluminium |
| Tube material | Copper |

The **rime V-Type Condenser** is engineered for maximum flexibility, durability, and system compatibility across a wide range of industrial and commercial refrigeration applications. Inlet and outlet connections can be configured for dual or triple condenser operation within rack systems, depending on fan quantity and circuiting requirements. A liquid receiver can also be mounted directly on the condenser chassis when requested, enabling a compact and fully integrated installation.

Optional safety valves can be incorporated on the discharge header to provide reliable overpressure protection. A dedicated electrical control box is available on request, offering intelligent fan management through discharge pressure monitoring for optimized energy efficiency and stable performance under varying load conditions.



rime provides a comprehensive range of engineering customization capabilities to meet specific project and operational requirements. Each unit can be precisely configured in terms of mechanical design, component selection, and control integration to ensure maximum system compatibility, enhanced performance, and long-term operational reliability.



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