



INDICATIVE PRODUCT IMAGE

## Product file

|              |                |
|--------------|----------------|
| Type         | Compact        |
| Mounting     | Wall           |
| Code         | BYWT352MA70P11 |
| Range        | BYWT           |
| Version      | Plug-in        |
| Noise        | 40.1 dBA 10 m  |
| Condensation | Air            |
| Net weight   | 96 kg          |
| PED          | 0              |
| Defrost      | Hot gas        |
| Expansion    | Valve          |
| Application  | MBP            |
| Refrigerant  | R290           |

## Dimensions

|          |         |
|----------|---------|
| Width L  | 711 mm  |
| Depth P  | 1254 mm |
| Height H | 828 mm  |

## Absorptions

|                     |        |
|---------------------|--------|
| Power consumption   | 1900 W |
| Current consumption | 10.3 A |

## Condenser

|          |           |
|----------|-----------|
| Diameter | 350 mm    |
| Air flow | 2540 m³/h |

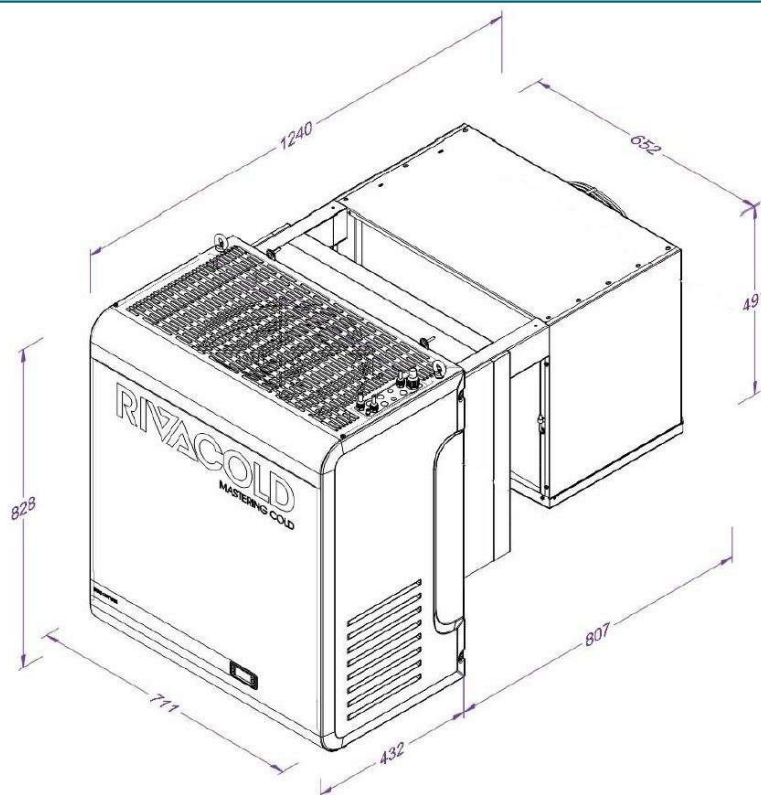
## Unit cooler

|                |           |
|----------------|-----------|
| Fan-motors no. | 1         |
| Diameter       | 350 mm    |
| Air flow       | 2740 m³/h |
| Air throw      | 8 m       |

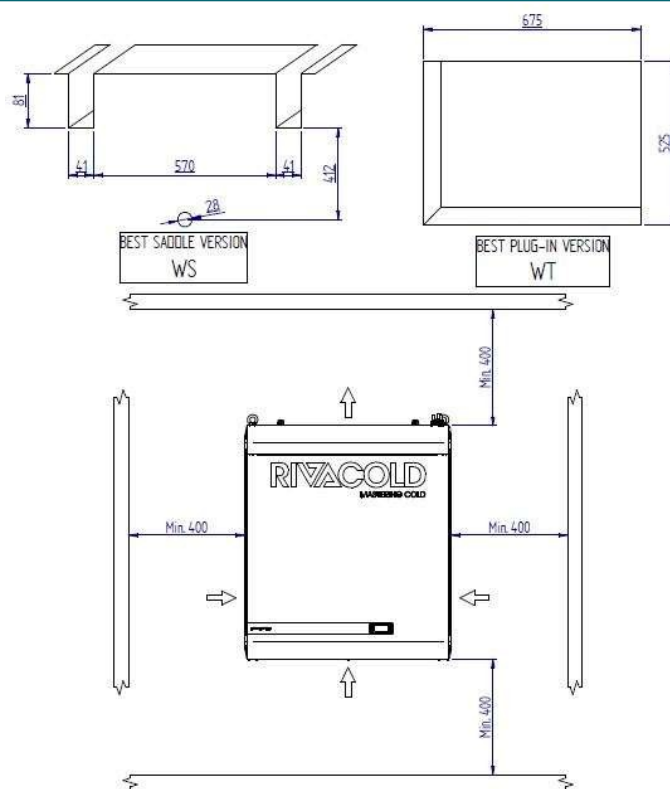
## Compressor

|                 |            |
|-----------------|------------|
| Type            | Hermetic   |
| Compressors no. | 2          |
| Brand           | EMBRACO    |
| Voltage         | 230/1/50   |
| Displacement    | 2 X 21 cm³ |

## Technical data - BYWT352MA70P11



## Technical data - BYWT352MA70P11



**Refrigerating capacity table (W) - BYWT352MA70P11 - Refrigerant: R290**

| TA \ Tcella | -5 °C          | 0 °C           | 5 °C           | 10 °C          | 15 °C                         |
|-------------|----------------|----------------|----------------|----------------|-------------------------------|
| 25 °C       | 3077 (39.8 m³) | 3540 (58.4 m³) | 4038 (86.8 m³) | 4566 (133 m³)  | 5120 (216 m³)                 |
| 32 °C       | 2887 (31 m³)   | 3325 (45.6 m³) | 3793 (67.7 m³) | 4287 (104 m³)  | 4802 (168 m³)                 |
| 38 °C       | 2715 (24.1 m³) | 3127 (35.7 m³) | 3567 (53 m³)   | 4028 (80.5 m³) | 4507 (128 m³)                 |
| 43 °C       | 2564 (19 m³)   | 2953 (28.1 m³) | 3366 (41.7 m³) | 3799 (63.3 m³) | 4245 (99.5 m³) <sup>(1)</sup> |

(1) With Troom &gt; 10°C, Max Tamb = +38°C

**Values referred to :**

Suction gas : +20°C

Subcooling : 0K

Superheat : 100%

Tamb : +32°C

## Compressor absorption :

*Te -5°C (HBP); Tcond +50°C*
*Te -10°C (MBP); Tcond +50°C*
*Te -30°C (LBP); Tcond +50°C*



INDICATIVE PRODUCT IMAGE

#### **MECHANICAL PART MAIN COMPONENTS**

- Hermetic compressors with thermal motor protection
- Condenser with Ø5mm tubes with internal spiral rifling
- Evaporator with Ø5/16" tubes with internal spiral rifling
- Electronic fan-motors on both condenser and evaporator
- Mechanical thermostatic valve supplied standard across the entire range
- Hot gas defrosting
- Evaporating water tray
- R290 refrigerant charge ≤ 150g per circuit

#### **CONTROL CIRCUIT and ELECTRICAL PART**

- Safety pressure switch on high pressure side
- Door micro-switch wired with cable L= 2.5
- Door heater cable on LT models (L = 2.5m)
- LED cold room light with cable L= 5m
- Power supply cable L= 2.5 m with wired electrical plug
- Industrial Plug (2P+E or 3P+N+E) 16 A
- Industrial Plug (2P+E) 32 A only on BEWx352MA80P11 and BEWx352LA60P11

#### **ELECTRONIC CONTROL**

- Electronic board that can be programmed according to different user requirements
- Connection cable for BMS (RTU Modbus Protocol) L=5 m
- integral control panel

#### **STRUCTURE**

- Self-supporting frame in galvanized metal sheet
- Easily removable housing for a rapid access to the components in case of inspection or maintenance
- Installation kit complete with screws and washers to secure the packaged system to the wall of the coldroom and sealing putty in strips for insulation
- Plug-in thickness 100 mm for MT models and 150 mm for BT models (WT models)

#### **OPTIONAL ITEMS**

- Plug-in insulation kits supplied separately for saddle models (WS): 100mm, 150mm, 200mm
- Extension cable kits L=5m and L=10m (coldroom light cable, door heater cable, micro-switch cable)
- Presetting for Master & Slave (cable L=5m)