



INDICATIVE PRODUCT IMAGE

Product file

Type	Compact
Mounting	Wall
Code	BYWT352MA60P11
Range	BYWT
Version	Plug-in
Noise	39.2 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	1680 W
Current consumption	9.1 A

Condenser

Diameter	350 mm
Air flow	2540 m³/h

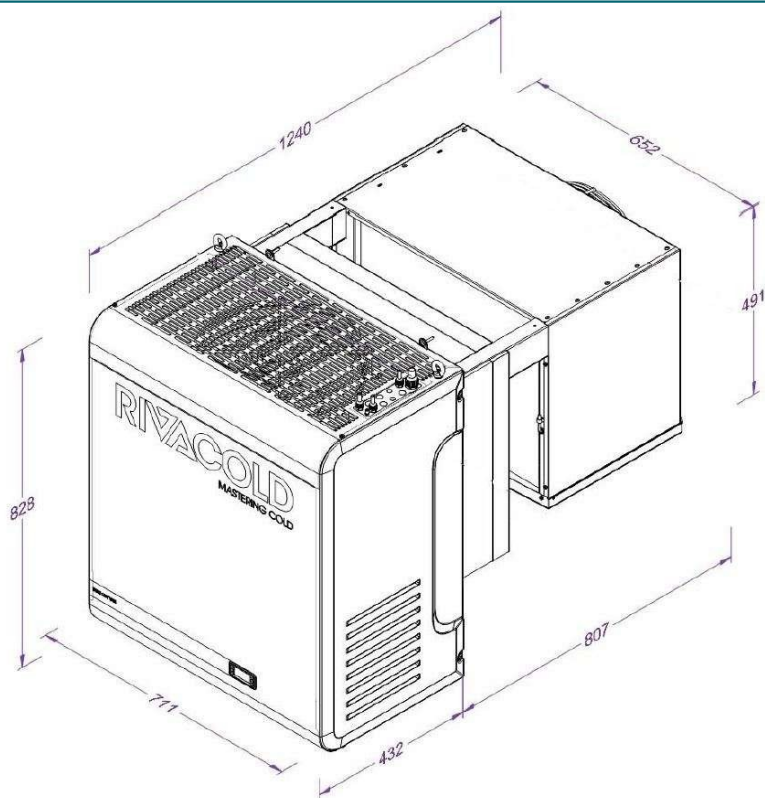
Unit cooler

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

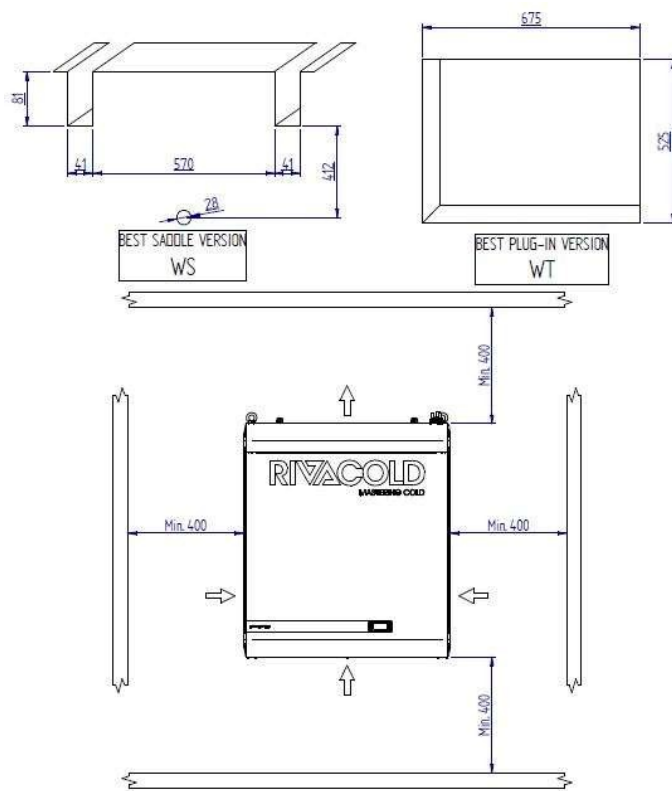
Compressor

Type	Hermetic
Compressors no.	2
Brand	EMBRACO
Voltage	230/1/50
Displacement	2 X 18,7 cm³

Technical data - BYWT352MA60P11



Technical data - BYWT352MA60P11



Refrigerating capacity table (W) - BYWT352MA60P11 - Refrigerant: R290

TA \ Tcella	-5 °C	0 °C	5 °C	10 °C	15 °C
25 °C	2850 (36.3 m³)	3291 (53.5 m³)	3768 (80.3 m³)	4277 (124 m³)	4814 (203 m³)
32 °C	2670 (28.1 m³)	3085 (41.5 m³)	3533 (62.2 m³)	4009 (96.1 m³)	4509 (156 m³)
38 °C	2507 (21.6 m³)	2900 (32.3 m³)	3321 (48.4 m³)	3766 (74.1 m³)	4231 (118 m³)
43 °C	2367 (16.8 m³)	2738 (25.3 m³)	3134 (37.9 m³)	3552 (58 m³)	3987 (91.9 m³) ⁽¹⁾

(1) With Troom > 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)