FRIGA-BOHN

MONOTOP

Compact ceiling refrigeration monoblock









MONOTOP | Compact ceiling refrigeration monoblock

- # "Plug & Play" unit, refrigerant pre-charged and factory pre-set for easy installation.
- **# Easy maintenance**; accessibility to all components.
- # "Ceiling" type design that allows for **optimal air distribution** and **storage area optimization**.
- # The integration of a thermostatic expansion valve and hot gas defrosting of the coil and the condensate pan helps to **save energy**.

COMPRESSOR

- # Hermetic compressor.
- # Available with R449A refrigerants (positive range) and R452A (negative range).

REFRIGERATION CIRCUIT

- # Thermostatic expansion valve.
- # LP and HP pressure switches.
- # Filter dryer.
- # Condensation control by pressure switch.
- # Condenser clogged alert sensor.

REMOTE ELECTRONIC CONTROLLER

- 1 Fan indicator light.
- Defrost indicator light.
- 3 Rapid cooling mode indicator light.
- 4 Alarm indicator light.
- Max. temp. and rapid cooling key.
- 6 Min. temp. key.
- 7 Compressor indicator light.
- 8 Digital screen.
- 9 Defrost key.
- 10 Chamber lighting key.
- 11 On/off button.
- 22 Setpoint temp. and parameter confirmation key.







DEFROST

- # Hot gas defrosting of coil and drain pan.
- # Evaporation of defrost water.

OTHER COMPONENTS

- # Voltage protector. # Cable with plug (2.5 m), light and door microswitch. # Waterproof ceiling light.
- # Multifunction electronic control with remote control (5 m).
- # Evaporation chamber injected with foam, fully hermetic.



$MONOTO_{(A)}P_{(B)}\ 07_{(C)}$

- (A) MONOTO = Compact ceiling refrigeration monoblock
- (B) **P** = positive range with **R449A N** = negative range with **R452A**
- (C) Model

MONOTOP (R449A)

MONOTON (R452A)

Cooling capacity (1)		W
Harmatia asmarassar		cv
Hermetic compressor	Power consumption	kW
Standard chamber volume (2)		m ³
Chamber volume without pre	cise data ⁽³⁾	m ³
A inflam.	Condenser	m ³ /h
Airflow	Unit cooler	m³/h
Marie Santa annual	230V/1/50Hz ⁽⁴⁾	Α
Max. input current	400V/3/50Hz ⁽⁴⁾	Α
	A	mm
Dimensions	В	mm
	С	mm
Daniel aut aut	Height	mm
Panel cut-out	Width	mm
Net weight		kg

	•		
07	08	13	21
1339	1785	2101	3579
3/4	1	1 1/2	2
0,5	0,7	1,1	1,5
12	18	29	45
9	14	21	37
1100	1920	1920	2270
1100	2200	2200	3300
6,9	7,9	-	-
-	-	4,9	7,5
400	500	500	500
695	950	950	950
975	1180	1180	1180
615	865	865	865
405	405	405	405
90	110	115	140

14	18	20	26
950	1200	1341	2218
1	1 1/4	1 3/4	2 1/2
0,7	0,9	1,3	1,8
6	11	15	27
4	8	10	19
1100	1920	1920	2270
1100	2200	2200	3300
6,4	8,4	-	-
-	-	4,6	7,3
400	500	500	500
695	950	950	950
975	1180	1180	1180
615	865	865	865
405	405	405	405
90	115	120	140

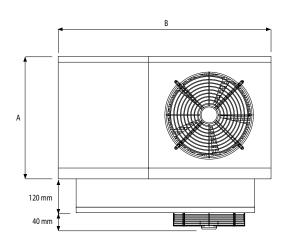
MONOTOP: chamber temperature 0 °C / outside temperature +32 °C - MONOTON: chamber temperature -20 °C / outside temperature +32 °C

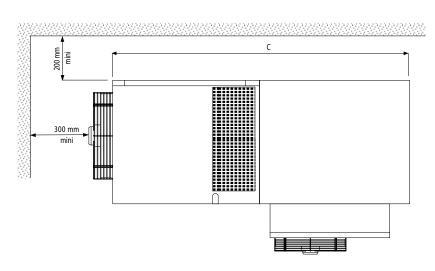
(2) Standard: Insulation 100 mm for refrigerated and 120 mm for frozen (including floor); load density 250 kg/m; movement of goods 10%; ambient temperature 32 °C; maximum temperature of incoming goods 25 °C for refrigerated and -15 °C for frozen; specific heat of the goods 3.2 kJ/kg-K frozen; compressor operating hours 18 h/day.

(3) Recommended volume for cases where there is no starting data for the calculation, when for example conditions are more extreme than standard: low thermal insulation capacity of the chamber, uninsulated floor, high outside temperature, destination and use of the chamber in non-standard conditions, etc.

(4) Also available in 60 Hz version. Contact us for more information.

Outside temperature limit: 43 °C. If the temperature is higher, contact us. With fruit and vegetables, multiply the power of the unit by 0.65; or contact us.





⁽¹⁾ Cooling capacity: 10K superheating - 3K subcooling