

FRIGA-BOHN

EUROMON

Compact wall-mounted refrigeration monoblock



HFC



|||| MT 1160 - 3580 W
|||| LT 950 - 2220 W



- # "Plug & Play" unit, refrigerant pre-charged and factory pre-set for **easy installation**.
- # **Easy maintenance**; accessibility to all components.
- # "Wall" 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

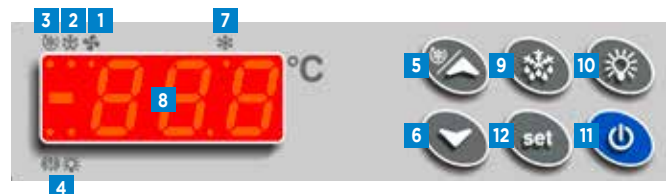
- # Hermetic compressor.
- # Available with R449A refrigerants (positive range) and R452A (negative range).

REFRIGERATION CIRCUIT

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

ELECTRONIC CONTROLLER

- 1 Fan indicator light.
- 2 Defrost indicator light.
- 3 Rapid cooling mode indicator light.
- 4 Alarm indicator light.
- 5 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.
- 12 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.
- # Buffer panels included.
- # Hour counter. **OPTIONAL**



EUMO_(A)P_(B) 05.2_(C)

(A) **EUMO** = Compact wall-mounted refrigeration monoblock

(A) **P** = positive range with **R449A**

N = negative range with **R452A**

(B) Model

		EUMOP (R449A)						EUMON (R452A)		
		05.2	07.2	10.2	13.2	19.2	21.2	14.2	20.2	26.2
Cooling capacity ⁽¹⁾	W	1160	1340	1980	2100	2900	3580	950	1340	2220
Hermetic compressor		1/2	3/4	1 1/4	1 1/2	1 3/4	2	1	1 3/4	2 1/2
	Power consumption	0,4	0,5	0,9	1,1	1,3	1,5	0,7	1,3	1,8
Standard chamber volume ⁽²⁾	m³	9	12	20	29	37	45	6	15	27
Chamber volume without precise data ⁽³⁾	m³	7	9	17	21	30	37	4	10	19
Airflow	Condenser	1100	1100	1920	1920	1920	1920	1100	1920	1920
	Unit cooler	880	880	1760	1760	1920	1920	880	1760	1920
Max. current drawn	230V/1/50Hz	6,1	6,8	8,7	-	-	-	6,3	-	-
	400V/3/50Hz	-	-	-	4,8	4,9	6,2	-	4,5	6,0
Noise level	dB(A)	34	34	40	42	43	45	34	42	48
Dimensions	A	730	730	800	800	800	800	730	800	800
	B	445	445	685	685	735	735	445	685	735
	C	910	910	1000	1000	1050	1050	910	1000	1050
	D	360	360	410	410	410	410	360	410	410
	E	455	455	470	470	515	515	455	470	515
	F	345	345	345	345	410	410	345	345	410
	G	390	390	620	620	670	670	390	620	670
	H	100	100	120	120	120	120	100	120	120
Panel cut-out	Height	415	415	640	640	690	690	415	640	690
	Width	400	400	410	410	475	475	400	410	475
Net weight	kg	65	65	95	95	100	100	70	100	105

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

EUMOP: chamber temperature 0 °C / outside temperature +32 °C - **EUMON**: 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/m³ ; 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.

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.

