

OMNIUM Inverter Scroll Refrigerating Plant

Main Features

MAIN COMPONENTS:

- ▶ 2 INVERTER SCROLL hermetic compressors for sound level reduction
- ▶ Compressor high / low pressure switch from OMNIUM 12X
- ▶ Low pressure switch up to OMNIUM 8X
- ▶ High pressure switch
- ▶ Thermally insulated suction liquid separator
- ▶ Mechanical vacuum filter with cartridge, thermally insulated, from model OMNIUM 15MX and OMNIUM 7LX model
- ▶ Thermally insulated suction manifold
- ▶ Reinforced check valve and antivibrator (anaconda) by compressor
- ▶ High efficiency oil separator Turboil type
- ▶ Injection of liquid for each compressor except OMNIUM 15MX, OMNIUM 18MX and OMNIUM 22 MX

- ▶ Crankcase heater for OMNIUM 15MX, OMNIUM 18 MX and OMNIUM 22 MX
- ▶ Steel bench painted, in one piece
- ▶ MX Models: Sanyo Compressors
- ▶ MLX and LX models: Hitachi compressors



BENEFITS:

- ▶ **VERSATILE:** OMNIUM power stations are suitable for any application: refrigeration, frozen, cold rooms, ...; depending on model
- ▶ **FLEXIBLE:** From the most economical option to the most complete, going through all the options and prices
- ▶ **COMPACT:** The equipments upto 6 HP and low to 8 HP occupy less than 1m². Up to 12 CV occupy less than 1.5 m²t
- ▶ **SILENT:** The most powerful OMNIUM power unit generates a sound level of only 54.3 dBA at 1 m (or 34.3 dBA at 10 m)
- ▶ **RELIABLE:** Hitachi INVERTER SCROLL compressors work with evaporation temperature from -45°C to + 10°C. The maintenance and resolution of any problem is simple and fast

BASIC OMNIUM UNIT

Model	Number of scroll compressors and power	Refr. capacity with Temp. Cond -10°C/+45°C (kW)					
		5°C	0°C	-5°C	-10°C	-25°C	-30°C
OMNIUM 5MLX	2 x 1 1/2cv	7.360	6.371	5.464	4.638	2.618	2.100
OMNIUM 6MLX	2 x 2cv	9.814	8.462	7.224	6.156	3.420	2.816
OMNIUM 7MLX	2 x 1 1/2cv	11.832	10.094	8.516	7.104	3.842	3.082
OMNIUM 8MLX	2 x 3cv	12.974	11.270	9.696	8.256	4.726	3.814
OMNIUM 12MLX	2 x 3 1/2cv			14.140	11.840	6.600	5.320
OMNIUM 15MX	2 x 4cv			18.280 €	15.300 €		
OMNIUM 18MX	2 x 5cv	34.060	27.256	22.730	18.200		
OMNIUM 22MX	2 x 6cv	40.860	32.858	27.490	22.092		
OMNIUM 7LX	2 x 4cv					8.450	6.880
OMNIUM 9LX	2 x 5cv					10.700	8.620

MLX Models: For positive and negative temperature; MX: Only positive temperature; LX: Only negative temperature

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Price and Options

BASIC OMNIUM UNIT

Model	BASIC UNIT	OPTION 1	OPTION 2	OPTION 3	OPTION 4	OPTION 5	OPTION 6	OPTION 7
OMNIUM 5ML	7.189 €	3.719 €	708 €	456 €	308 €	1.640 €	1.258 €	283 €
OMNIUM 6ML	7.486 €	4.020 €	708 €	473 €	308 €	1.761 €	1.560 €	283 €
OMNIUM 7MLX	7M	7.514 €	4.020 €	751 €	493 €	365 €	1.791 €	361 €
	3L	7.514 €	4.020 €	751 €	456 €	308 €	1.593 €	283 €
OMNIUM 8MLX	8M	8.156 €	4.020 €	769 €	493 €	428 €	1.791 €	361 €
	4L	8.156 €	4.020 €	769 €	473 €	449 €	1.593 €	283 €
OMNIUM 12MX	7.599 €	4.920 €	769 €	493 €	220 €	3.035 €	2.101 €	361 €
OMNIUM 15MX	8.156 €	4.920 €	769 €	493 €	220 €	2.976 €	2.060 €	361 €
OMNIUM 18MX	8.334 €	4.920 €	887 €	892 €	220 €	3.430 €	2.189 €	361 €
OMNIUM 22MX	8.865 €	4.920 €	887 €	892 €	220 €	3.836 €	2.499 €	361 €
OMNIUM 7LX	7.325 €	4.920 €	887 €	510 €	220 €	5.101 €	2.693 €	361 €
OMNIUM 9LX	12.374 €	4.920 €	838 €	510 €	220 €	1.824 €	1.588 €	361 €

MLX Models: For positive and negative temperature; MX: Only positive temperature; LX: Only negative temperature

OPTIONS:

- ▶ Option 1: Electrical panel
- ▶ Option 2: Keys of passage
- ▶ Option 3: Container and liquid line
- ▶ Option 4: High / low pressure switch
- ▶ Option 5: Axial condenser or Centrifuge and body
- ▶ Option 6: Axial condenser without body
- ▶ Option 7: Capacitor speed controller

Proportions

OMNIUM	5ML - 3L-4L	6MLX - 7MLX - 8MLX	12MLX	15MX - 18MX - 22MX	7LX - 9LX
BASIC UNIT	1100 x 820 x 860			750 x 820 x 860	1110 x 820 x 860
WITH ELECTRIC PANEL	1350 x 820 x 860		1450 x 820 x 860	1100 x 820 x 860	1450 x 820 x 860
BODY BUILT BASIC UNIT	1100 x 820 x 860				
BODY BUILT BASIC UNIT WITH PANEL	1300 x 820 x 860				