



# UMXCBA

Heat pump

# UMXCA

Cooling only



Outdoor units  
Axial fan

*Up to 135 kW in  
less than 5 m<sup>2</sup>*

Units especially suitable for installation on rooftops, terraces or in other outdoor areas.

## MAIN FEATURES

- Maximum cooling capacities ranging from 25.9 to 134.7 kW
- Scroll compressor
- R-410A refrigerant (delivered with no refrigerant load)
- 2 cooling circuits (inquire about available models)

## AVAILABLE VERSIONS

- Heat pump / cooling only
- Possible combinations:
  - 2x1: 2 indoor units x 1 outdoor unit (models 1602 to 4502)
  - 1x2: 1 indoor unit x 2 outdoor units (inquire about available models)



## ADVANTAGES

- Cooling distance between outdoor and indoor, until a total of 50 m
- Extremely compact for easy outdoor installation
- Condensation control through stages as standard in models 3502, 4002 and 4502

## APPLICATIONS

- Designed to be installed outside the building to be air-conditioned, they are characterised by offering great flexibility in the installation
- Climate control through air ducts for commercial premises, offices, small supermarkets

## REGULATION

Control as standard:  
**TH TUNE**



Optional control:  
**PGD**



Optional control:  
**MINI PGD**



See regulation and control on page 15.

## UMXCBA - UMXCA SERIES

MODEL		801	1001	1201	1501	1602	2002
Nominal cooling capacity (1)	kW	25.9	31.2	38.1	42.9	50.4	62.8
Nominal heating capacity (2)	kW	27.3	30.7	39.5	43.6	53.2	61.8
Total power input, cooling (1)	kW	8.8	9.8	12.5	14.3	17.4	19
Total power input, heating (2)	kW	7.1	8.4	10.9	11.4	15	17.4
EER / COP	kW	2.94 / 3.85	3.19 / 3.67	3.05 / 3.63	3.01 / 3.82	2.9 / 3.55	3.30 / 3.54
Power supply (50 Hz ~)	V	400.3 + N	400.3 + N	400.3 + N	400.3 + N	400.3 + N	400.3 + N
(3) Gas charge (including 0 m line)	kg	6.5	7	8	8.3	2 x 6.5	2 x 7
Cold connection. Liquid line (*)	Ø (")	5/8	5/8	5/8	5/8	5/8	5/8
Cold connection. Gas line (*)	Ø (")	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8
Dimensions (length x width x height)	mm	1,200 x 1,050 x 1,470	1,200 x 1,050 x 1,470	1,200 x 1,050 x 1,470	1,200 x 1,050 x 1,470	2,215 x 1,350 x 1,510	2,215 x 1,350 x 1,510
Net weight	kg	256	277	283	287	506	549
MODEL		2402	3002	3502	4002	4502	
Nominal cooling capacity (1)	kW	74	85	108.8	123.9	134.7	
Nominal heating capacity (2)	kW	76.6	86.7	118.2	131	142.4	
Total power input, cooling (1)	kW	24.4	28.2	35.7	40.3	44.7	
Total power input, heating (2)	kW	22.8	24.3	32.5	36.8	40.8	
EER/ COP	kW	3.03 / 3.36	3.02 / 3.57	3.05 / 3.63	3.07 / 3.57	3.01 / 3.49	
Power supply (50 Hz ~)	V	400.3 + N	400.3 + N	400.3 + N	400.3 + N	400.3 + N	
(3) Gas charge (including 0 m line)	kg	2 x 8	2 x 8.3	2 x 14	14 + 15.5	2 x 15.5	
Cold connection. Liquid line (*)	Ø (")	5/8	5/8	7/8	7/8	7/8	
Cold connection. Gas line (*)	Ø (")	1 1/8	1 1/8	1 3/8	1 3/8	1 3/8	
Dimensions (length x width x height)	mm	2,215 x 1,350 x 1,510	2,215 x 1,350 x 1,510	2,215 x 1,960 x 2,170	2,215 x 1,960 x 2,170	2,215 x 1,960 x 2,170	
Net weight	kg	560	568	979	1,043	1,046	

(1) Nominal cooling conditions. Indoor dry temperature: 27°C. Indoor wet temperature: 19°C. Outdoor temperature: 35°C.

(2) Nominal pumping conditions. Outdoor dry temperature: 7°C. Outdoor wet temperature: 6°C.

(3) Only units which include, as standard, "Flare" valves (not as optional) are charged with refrigerant; others come pre-charged with dry nitrogen.

(\*) For sizing of refrigerated lines depending on layout and total installation distance, consult our Commercial Department.

## UMXCBA OUTDOOR UNIT, AVAILABLE OPTIONS

- Anti-corrosion treated coils
- Condensation control by speed regulator
- Coil protection grilles on outside unit
- Compressor soft-start
- Magneto-thermal switches in the electrical panel
- Anti-vibration supports
- Fireproof filter class M1
- Thermal insulation Euroclass A1 (M0)