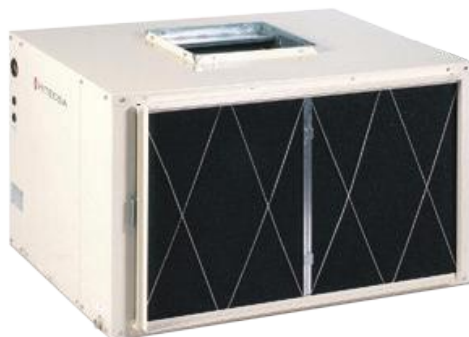


ECVBA

Heat pump

ECVA

Cooling only



Indoor vertical units
Centrifugal fan

Maximum flexibility for climate control of commercial premises via ducts

Indoor vertical units, suitable for operating connected to a duct air-distribution network.

MAIN FEATURES

- Maximum cooling capacities ranging from 12.4 to 33.5 kW
- Scroll compressor
- R-410A refrigerant (delivered with no refrigerant load)

AVAILABLE VERSIONS

- Heat pump
- Cooling only

ADVANTAGES

- Can be combined with the RCAH range of heat recovery units, for compliance with the requirements of Spanish Regulation on Indoor Heating/Air-conditioning Installations - known by the acronym RITE

APPLICATIONS

- Designed to be installed inside 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.

ECVBA - ECVA SERIES

MODEL		401	501	701	721	751	801
Nominal cooling capacity (1)	kW	12.5	14.4	18.9	19.6	22.7	24.2
Nominal heating capacity (2)	kW	13.7	15.0	20.0	21.0	23.9	25.3
Total power input, cooling (1)	kW	0.4	0.9	1.0	0.9	1.1	1.0
Total power input, heating (2)	kW	0.4	0.8	0.9	0.9	1.0	1.0
Power supply (50 Hz ~)	V	400.3 + N	400.3 + N	400.3 + N	400.3 + N	400.3 + N	400.3 + N
Cold connection. Liquid line (*)	Ø (")	1/2	1/2	1/2	1/2	5/8	5/8
Cold connection. Gas line (*)	Ø (")	3/4	7/8	7/8	7/8	7/8	7/8
Airflow - static pressure (int.)	m ³ /h - Pa	2,600-50	3,540-60	4,720-55	4,720-55	5,133-53	5,125-83
Dimensions (length x width x height)	mm	937 x 750 x 580	1,087 x 750 x 580	1,130 x 800 x 650	1,130 x 800 x 650	1,130 x 800 x 650	1,130 x 800 x 650
Net weight	kg	95	99	126	126	136	136
MODEL		1001	1201	1402	1502	1602	2002
Nominal cooling capacity (1)	kW	30.1	34.9	37.8	43.4	50.2	63.1
Nominal heating capacity (2)	kW	31.7	38.2	39.5	44.2	51.9	65.5
Total power input, cooling (1)	kW	1.0	1.3	2.2	2.2	2.3	3.1
Total power input, heating (2)	kW	0.9	1.2	1.7	1.7	1.9	2.7
Power supply (50 Hz ~)	V	400.3 + N	400.3 + N	400.3 + N	400.3 + N	400.3 + N	400.3 + N
Cold connection. Liquid line (*)	Ø (")	5/8	5/8	1/2	5/8	5/8	5/8
Cold connection. Gas line (*)	Ø (")	1 1/8	1 1/8	7/8	7/8	1 1/8	1 1/8
Airflow - static pressure (int.)	m ³ /h - Pa	6,277-73	8,000-91	8,000-130	10,000-145	10,000-145	11,000-175
Dimensions (length x width x height)	mm	1,700 x 870 x 650	1,700 x 870 x 650	2,000 x 939 x 747	2,000 x 939 x 747	2,000 x 939 x 747	2,600 x 980 x 752
Net weight	kg	197	199	253	272	272	333
MODEL		2302	2402	3002	3502	4002	4502
Nominal cooling capacity (1)	kW	73.6	78.5	86.6	114.3	123.9	134.7
Nominal heating capacity (2)	kW	81.9	81.9	88.8	119.6	131	142.4
Total power input, cooling (1)	kW	3.3	3.6	4.0	4.0	40.3	44.7
Total power input, heating (2)	kW	2.4	2.9	4.0	4.0	36.8	40.8
Power supply (50 Hz ~)	V	400.3 + N	400.3 + N	400.3 + N	400.3 + N	400.3 + N	400.3 + N
Cold connection. Liquid line (*)	Ø (")	5/8	5/8	5/8	7/8	14 + 15,5	2 x 15.5
Cold connection. Gas line (*)	Ø (")	1 1/8	1 1/8	1 3/8	1 3/8	7/8	7/8
Airflow - static pressure (int.)	m ³ /h - Pa	12,000-160	12,000-160	14,000-200	18,000-250	20,500-210	22,000-200
Dimensions (length x width x height)	mm	2,600 x 980 x 752	2,600 x 980 x 752	2,800 x 1,050 x 915	2,800 x 1,050 x 915	2,900 x 1,200 x 1,115	2,900 x 1,200 x 1,115
Net weight	kg	333	333	418	524	550	570

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

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

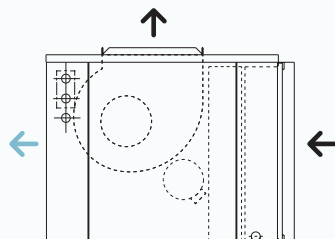
(*) For sizing of refrigerated lines depending on layout and total installation distance consult our Commercial Department.

POSSIBLE AIR INLET/OUTLET CONFIGURATIONS

→ Standard

→ Optional

ECVA-ECVBA 401 - 4502



AVAILABLE OPTIONAL FEATURES

ECVBA-ECVA INDOOR UNIT

- Back-up electric heater (inquire for power ratings)
- Back-up coil for hot water
- Anti-corrosion treated coils
- Soft-start of the indoor fan
- Up-rated motors
- Can be combined with the RCAH range of heat recovery units for compliance with the requirements of Spanish Regulation on Indoor Heating/Air-conditioning Installations - known by the acronym RITE
- Freecooling box with anti-freeze resistance
- Gravimetric filter G4
- Gravimetric filter G4 + opacimetric filter (F6 to F9)

As well as these options, please check with our Commercial Department for any other configuration or function not described as available.

OPTION FOR MORE EFFICIENT SYSTEM WITH THE APPLICATION OF PLUG FAN

PLUG FAN

- Greater energy efficiency
- Lower consumption
- Quieter
- High pressures available
- Low maintenance cost

