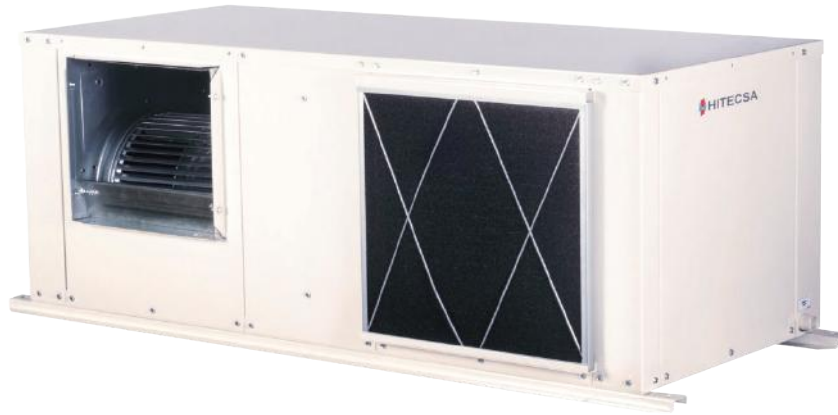


ECHBA

Heat pump

ECHA

Cooling only



Indoor horizontal units
Centrifugal fan

Maximum flexibility for climate control of commercial premises via ducts

Indoor horizontal 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 RCAA 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



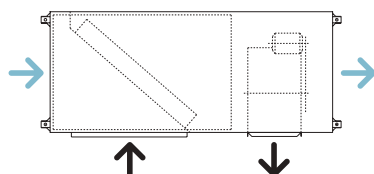
See regulation and control on page 15.

POSSIBLE AIR INLET/OUTLET CONFIGURATIONS

→ Standard

→ Optional

ECHA/ECHBA 401 - 1201



ECHBA - ECHA SERIES

MODEL		401	501	701	721	751	801
Nominal cooling capacity (1)	kW	12.4	14.1	17.2	18.5	20.8	21.9
Nominal heating capacity (2)	kW	13.8	16.4	18.9	20.4	21.9	24.6
Total power input, cooling (1)	kW	0.4	0.6	0.8	0.8	0.8	0.8
Total power input, heating (2)	kW	0.4	0.6	0.8	0.8	0.8	0.8
Power supply (50 Hz ~)	V	230.1 - 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 (")	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Airflow - static pressure (int.)	m ³ /h - Pa	2,700-32	3,200-48	4,300-50	4,300 - 40	4,300 - 50	4,300 - 50
Dimensions (length x width x height)	mm	1,455 x 642 x 562	1,455 x 642 x 562	1,755 x 752 x 640	1,755 x 752 x 640	1,755 x 752 x 640	1,755 x 752 x 640
Net weight	kg	89	96	136	136	137	137
MODEL		1001	1201				
Nominal cooling capacity (1)	kW	28.4	33.5				
Nominal heating capacity (2)	kW	29.8	37.2				
Total power input, cooling (1)	kW	1.5	1.5				
Total power input, heating (2)	kW	1.5	1.5				
Power supply (50 Hz ~)	V	400.3 + N	400.3 + N				
Cold connection. Liquid line (*)	Ø (")	5/8"	5/8"				
Cold connection. Gas line (*)	Ø (")	1 1/8"	1 1/8"				
Airflow - static pressure (int.)	m ³ /h - Pa	5,900 - 60	7,750 - 82				
Dimensions (length x width x height)	mm	1,750 x 900 x 662	2,300 x 925 x 782				
Net weight	kg	172	209				

(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.

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

AVAILABLE OPTIONAL FEATURES

ECHBA-ECHA 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
- Uprated 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

