

CLVBA

Heat pump

CLVA

Cooling only



Indoor units for duct installations

Maximum flexibility for climate control of commercial premises via ducts

Direct expansion evaporator units suitable for connection to a network of air distribution ducts. These units have been designed to work with any of the Hitecsa outdoor units with equivalent cooling capacities.

MAIN FEATURES

- Maximum cooling capacities ranging from 12.1 to 45.4 kW
- Airflows up to 10,200 m³/h
- Countless installation possibilities
- R-410A refrigerant
- Can be connected to any Hitecsa motor-drive condenser unit

ADVANTAGES

- All models have the option to operate on direct discharge by means of an optional air discharge plenum equipped with an anodised aluminium grille for direct discharge

AVAILABLE VERSIONS

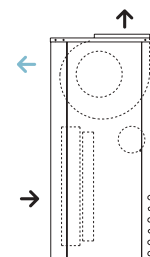
- Heat pump
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APPLICATIONS

- 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

POSSIBLE AIR INLET/OUTLET CONFIGURATIONS

- Standard
- Optional



CLVBA - CLVA SERIES

MODEL		401	501	701	721	751	801
Nominal cooling capacity (1)	kW	12.1	14.4	18.2	22.1	22.1	23.2
Nominal heating capacity (2)	kW	12.7	15.5	19.3	23.5	23.5	24.4
Total power input	kW	0.6	0.6	0.9	0.9	1.3	1.3
Power supply (50 Hz ~)	V	230 or 400.3+N	230 or 400.3+N	230 or 400.3+N	230 or 400.3+N	230 or 400.3+N	230 or 400.3+N
Airflow - static pressure	m ³ /h - Pa	3,000-56	3,400-100	4,200-115	4,400-109	4,800-120	5,200-84
Cold connection. Liquid pipe (*)	Ø (")	1/2	1/2	1/2	1/2	5/8	5/8
Cold connection. Gas pipe (*)	Ø (")	3/4	7/8	7/8	7/8	1 1/8	1 1/8
Dimensions (length x width x height)	mm	697 x 500 x 1.000	757 x 500 x 1.100	1,152 x 600 x 1.200	1,152 x 600 x 1.200	1,152 x 600 x 1.200	1,152 x 600 x 1.200
Net weight	kg	73	94	118	118	119	125

MODEL		1001	1201	1402	1502	1602
Nominal cooling capacity (1)	kW	29.7	35.0	36.4	44.2	45.4
Nominal heating capacity (2)	kW	31.7	37.0	38.6	46.6	48.8
Total power input	kW	1.3	1.8	1.8	2.6	2.6
Power supply (50 Hz ~)	V	230 or 400.3+N	230 or 400.3+N	230 or 400.3+N	230 or 400.3+N	230 or 400.3+N
Airflow - static pressure	m ³ /h - Pa	7,200-78	8,000-85	8,400-72	9,600-129	10,200-123
Cold connection. Liquid pipe (*)	Ø (")	5/8	5/8	2x1/2	2x5/8	2x5/8
Cold connection. Gas pipe (*)	Ø (")	1 1/8	1 1/8	2x7/8	2x7/8	2x1 1/8
Dimensions (length x width x height)	mm	1,700 x 600 x 1.300	1,700 x 600 x 1.300	1,800 x 675 x 1.400	1,800 x 675 x 1.400	1,800 x 675 x 1.400
Net weight	kg	175	175	187	187	197

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

AVAILABLE OPTIONAL FEATURES

 ENERGY SAVING

- Option of mixing module for freecooling with two and three dampers
- Thermal or enthalpy regulation with µPC control card and PGD control
- EC radial indoor fan (depending on models)
- Fan soft-start (depending on models)

- Return for muzzle
- Opposite-side connections
- Discharge plenum
- Intake grille
- Anti-corrosion treated coils
- R407C refrigerant models available upon request
- Prepared for disassembly
- Base guides

 AIR QUALITY

- Gravimetric filter in return G4
- Opacimetric filter in return class F6 to F9 (combinable with a G4 or Fx+Fy)

 MAINTENANCE

- Service valves
- Detector of dirty filters
- Split filter

 NOISE LEVEL

- Double thermo-acoustic insulation

 UNIT INSTALLATION

- Front discharge
- Power supply at 60 Hz and voltages of 230, 208, etc.
- Kit for outdoor installation
- Uprated motors
- Fireproof filter class M1
- Thermal insulation Euroclass A1 (M0)
- Hot gas bypass
- Heating coils for hot water (cooling only)
- Auxiliary electric heater

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