

Water terminal unit
Cassette-type indoor installation
Capacity from 1,98 to 11 kW

ELFOSpace



The **ELFOSpace BOX2** terminal unit has been designed for installation in suspended ceilings without requiring any extra part for operation. The unit has an intake grille and four-way outlet with adjustable diffuser flaps for changing airflow direction.

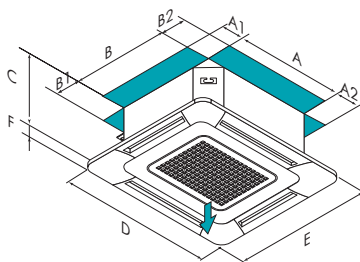
The ELFOSpace BOX2 is therefore suited for use in environments such as shops, restaurants, hotels and gyms, where the excellent outflowing air control makes them ideal air-conditioning units:

- ▶ versions for 2 and 4-pipe systems;
- ▶ available in electro-mechanical or electronic version with set-up for connection to ELFOControl² or general supervisors;
- ▶ available with DC Brushless ventilating unit;
- ▶ possibility of controlling several units from a single point;
- ▶ suited for installation in standard suspended ceilings with 600 x 600 mm module;
- ▶ the unit comes with a condensate drain pump (650 mm vertical).

functions and features



dimensions and clearances



CAUTION! For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

Size – ELFOSPACEBOX2			005.0	007.0	011.0	015.0	021.0	031.0	041.0
CC2	A - Length	mm	572	572	572	572	819	819	819
CC2	B - Width	mm	572	572	572	572	819	819	819
CC2	C - Height	mm	296	296	296	296	329	329	329
CC2	D - Length	mm	670	670	670	670	965	965	965
CC2	E - Width	mm	670	670	670	670	965	965	965
CC2	F - Height	mm	41	41	41	41	59	59	59
CC2	A1	mm	500	500	500	500	500	500	500
CC2	A2	mm	500	500	500	500	500	500	500
CC2	B1	mm	100	100	100	100	100	100	100
CC2	B2	mm	100	100	100	100	100	100	100
CC2	Operating weight	kg	25	25	27	27	42	45	45
CC4	A - Length	mm	572	572	572	572	819	819	819
CC4	B - Width	mm	572	572	572	572	819	819	819
CC4	C - Height	mm	296	296	296	296	329	329	329
CC4	D - Length	mm	670	670	670	670	965	965	965
CC4	E - Width	mm	670	670	670	670	965	965	965
CC4	F - Height	mm	41	41	41	41	59	59	59
CC4	A1	mm	500	500	500	500	500	500	500
CC4	A2	mm	500	500	500	500	500	500	500
CC4	B1	mm	100	100	100	100	100	100	100
CC4	B2	mm	100	100	100	100	100	100	100
CC4	Operating weight	kg	27	27	27	27	45	45	45

The above mentioned data are referred to standard units for the constructive configurations indicated. For all the other configurations, refer to the relative Technical Bulletin.

CC2 2 pipes
CC4 4 tubes

versions and configurations

PLASTIC FRAME FOR AIR SUPPLY AND RETURN:

- ▶ **PLAX** Plastic frame for air supply and return

COIL CONFIGURATION:

- ▶ **CC2** Coil configuration for 2-pipe system (Standard)
- ▶ **CC4** Coil configuration for 4-pipe system

technical data

Size – ELFOSPACEBOX2			005.0	007.0	011.0	015.0	021.0	031.0	041.0
2 pipes									
▶ Cooling capacity	(1)	kW	1,98	2,68	4,33	5,02	6,16	9,51	11,1
Sensible capacity	(1)	kW	1,64	2,04	3,18	3,74	4,59	6,48	8,25
Total power input		kW	0,057	0,044	0,068	0,090	0,077	0,12	0,17
▶ Heating capacity	(2)	kW	2,37	3,10	5,12	5,86	7,26	11,1	13,2
Supply airflow		l/s	169	144	197	244	317	417	506
Type of supply fan	(3)	-	RAD	RAD	RAD	RAD	RAD	RAD	RAD
Standard power supply		V	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Sound pressure level (1 m)	(4)	dB(A)	36	32	40	46	34	39	44
4 tubes									
▶ Cooling capacity	(1)	kW	2,33	2,70	3,93	4,53	6,34	8,77	10,2
Sensible capacity	(1)	kW	1,90	1,98	2,95	3,46	4,69	6,49	7,68
Total power input		kW	0,057	0,044	0,068	0,090	0,077	0,12	0,17
▶ Heating capacity	(5)	kW	3,03	3,46	3,35	3,79	9,10	8,56	9,80
Supply airflow		l/s	169	144	197	244	317	417	506
Type of supply fan	(3)	-	RAD	RAD	RAD	RAD	RAD	RAD	RAD
Standard power supply		V	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Sound pressure level (1 m)	(4)	dB(A)	36	32	40	46	34	39	44

Notes

- (1) Ambient air at 27°C/19.5 W.B.; inlet water 7°C and outlet 12°C
 (2) Ambient air at 20°C D.B.; water at inlet 50°C and outlet 40°C
 (3) RAD = radial fan
 (4) Sound levels refer to units with full load under nominal test conditions. The sound pressure is measured at 1 m from the external surface of the unit in open field conditions.
 (5) Ambient temperature 20°C DB; Water inlet 70°C and outlet 60°C

accessories

- ▶ **VEC** High efficiency EC fan (sizes 007.0÷031.0)
- ▶ **2V2X** ON/OFF 2 way valve kit for 2 tube system
- ▶ **2V4X** ON/OFF 2 way valve kit for 4 tube system
- ▶ **3V2X** Three-way valve kit for 2-pipe type "on/off" system
- ▶ **3V4X** Three-way valve kit for 4-pipe system type "on/off"
- ▶ **CONRX** Fresh air connection
- ▶ **MAUXX** Primary air kit
- ▶ **CAUX** Auxiliary air distribution duct
- ▶ **RE** Electric heaters (sizes 007.0÷041.0)
- ▶ **CIVX** Fairing for in-view installation
- ▶ **CVMB** MB electronics for infrared remote control
- ▶ **CTSP1** CLIVET TALK TERMINAL SPACE electronics with RS485 Modbus serial port
- ▶ **HIDE2X** Remote control with E/I +3V +on/off for wall installation
- ▶ **HIDE3X** Plurifunctional remote control for wall installation
- ▶ **HIDT2X** HID-T2 electronic room control
- ▶ **HIDTI2X** HID-TI2 Flush-mounted electronic room control
- ▶ **HIDT3X** HID-T3 electronic room control
- ▶ **TIMBX** Infrared remote control with receiver for MB electronics
- ▶ **PTABX** Remote probe for room air temperature for electromechanical thermostats.
- ▶ **DCPX** Control device for more units with a single room control.

Key to symbols:

- Accessories separately supplied