

DXE Heat pumps with two air condensate section With power from 7.8 to 16.9 kW

R410A



Features

- Available in 4 sizes
- The versions are realised with refrigerator gas R410A
- Heat pump versions
- The first size is only single-phase, the second is single and three-phase, while the last two are only three-phase

Internal unit (DXE E):

- Single phase power supply
- Internal unit for channelled installation
- The units have two air probes: one on the control

- panel and one on the return. Either one can be chosen
- Metal mobile in galvanised sheet steel
- Centrifugal fans with double suction directly coupled to the electric motor
- Regenerable air filter
- Wall-mounted control panel with LCD display
- Infra-red remote control
- Condensate drain pump. With possibility of exclusion if normal drainage is used

External unit (DXE C/CT):

- Metal mobile protection with anti-corrosion polyester paint
- Heat exchange set in copper pipe with aluminium fins
- Propeller fan directly coupled to the electric motor
- The maximum length of the refrigerator lines is 50m and maximum level difference is 30 m

Technical data

DXE		07 C	10 C	10 CT	12 CT	16 CT
DXE		07 E	10/12 E	10/12 E	10/12 E	16 E
Refrigerating capacity (E)	kW	7,80	9,80	9,80	13,30	16,90
Moisture removed	l/h	2,80	3,20	3,20	5,60	7,10
Total absorbed power (E)	kW	2,90	4,15	3,90	5,10	6,20
Heat power (E)	kW	7,90	10,70	10,70	14,50	18,10
Total absorbed power (E)	kW	2,50	3,31	3,31	4,7	5,4
Breakaway starting current	A	16,90	31,50	9,80	13,50	16,50
Corrente di spunto	A	65	97	65	66	67
Power supply (external unit)	V-Ph-Hz	230-1-50	230-1-50	400-3N-50	400-3N-50	400-3N-50
Power supply (internal unit)	V-Ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50
Internal unit air capacity	m ³ /h (max.)	1100	1850	1850	1850	2300
Useful prevalence	Pa	60	80	80	80	100
$L_{p,rs}$ Sound pressure (internal unit)	dB (A) (max.)	39	43	43	43	48
$L_{p,rs}$ Sound pressure (external unit)	dB (A) (max.)	57	59	59	61	63
Refrigerant gas load (R410A)*	kg	2	3	3,2	3,5	5
Refrigerant gas top-up	g/m	60	120	120	120	120
Refrigerator lines	Ø (gas)	5/8"(15,9)	3/4"(19)	3/4"(19)	3/4"(19)	7/8"(22)
	Ø (liquid)	3/8"(9,52)	1/2"(12,7)	1/2"(12,7)	1/2"(12,7)	1/2"(12,7)

Performance values refer to the following conditions:
and Sound pressure measured at 1 metre.

■ Cooling:

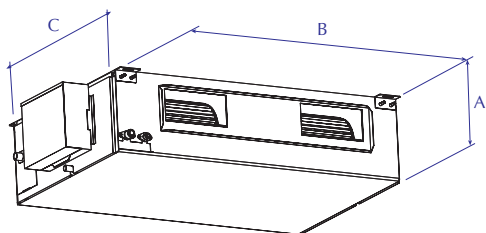
- environmental air temp 27 °C D.B., 19 °C W.B;
- external air temp 35 °C; maximum speed.

■ Heating:

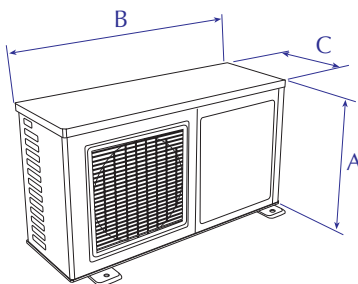
- environmental air temp. 20 °C;
- external air temp. 7 °C D.B., 6 °C W.B.; maximum speed;

* = for lines up to 5m; as well as topping-up.

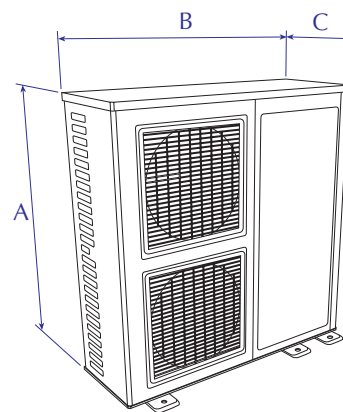
Dimensional data (mm)



DXE 07E
DXE 10/12E
DXE 16E



DXE 07C
DXE 10C
DXE 10CT



DXE 12CT
DXE 16CT

DXE INTERNAL UNIT

DXE EXTERNAL UNIT

		DXE			DXE				
		07 E	10/12 E	16 E	07 C	10 C	10 CT	12 CT	16 CT
Height	A	268	290	330	700	840	840	1250	1250
Width	B	1295	1251	1251	950	950	950	950	950
Depth	C	504	744	788	412	412	412	412	412
Weight	kg	37	57	66	52	90	90	112	120