



DF ducted 410 - 412 Horizontal ducted system

Dehumidification > DF ducted 410-412

2 YEAR
WARRANTY

- + Ducted DF range, available in 5 capacities (3.5 to 12 L/h)
- + 'Air heating' option (electric element or hot water radiator)
- + 'Water heating' option (water condenser, only for DF 410-412)
- + Modularity: right-hand access panel as standard, with an option for left-hand



	DF 410 Single phase ducted	DF 410 Three phase ducted	DF 410 Three phase ducted****
PRODUCT REFERENCE			
Standard model	W28DF410MG	W28DF410G	W28DF412G
Model with water condenser option	W28DF410MGC	W28DF410GC	W28DF412GC
Model with electric heating option	W28DF410MGE	W28DF410GE	W28DF412GE
	4,5 kW	9 kW	9 kW
Model with electric heating option and water condenser	W28DF410MGEC	W28DF410GEC	W28DF412GEC
	4,5 kW	9 kW	9 kW
Model with hot water battery option	W28DF410MGB	W28DF410GB	W28DF412GB
	23 kW	23 kW	23 kW
Model with hot water battery option and water condenser	W28DF410MGBC	W28DF410GBC	W28DF412GBC
	23 kW	23 kW	23 kW

ACCESSORIES INCLUDED IN THE PACK



Hygro control box

TECHNICAL SPECIFICATIONS

Capacity (l/h)	10	10	12
Absorbed power (W)*	3470	3470	4170
Operating power (W)*	7630	7630	9180
Air flow (m ³ /h)	2000	2000	2000
Available pressure (mmCE)	10	10	10
Electric power supply	230 V / 1N / 50 Hz	400 V / 3N / 50 Hz	
Max. absorbed intensity (A)***	20,5	11,9	14
Condensation evacuation	PVC Ø 32 1/2 union to glue		
Refrigerant fluid quantity (g)	2700 /2820 ⁽¹⁾	2700 /2820 ⁽¹⁾	2900 /3820 ⁽¹⁾
Sound power (dB(A))**	-	-	76,7

For all DF orders a deposit of 30% will be requested with the order.* In the following nominal conditions: Air 30°C Humidity 70%.

** Values measured and certified in compliance with standards EN ISO 3741 and EN ISO 354 by the CTM (Centre de Transfert de Technologie du Mans).

*** For an appliance without the electric heating option. ****DF412 single phase 230V on request.

(1) for devices with the water condenser option

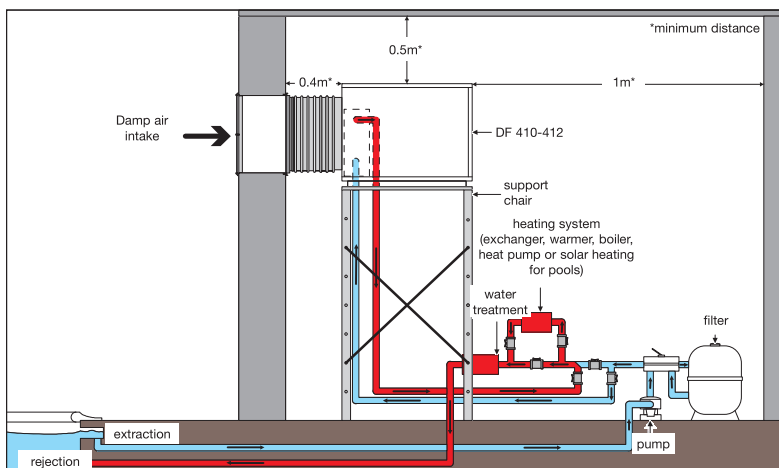
HOT WATER BATTERY SPECIFICATIONS

Power (kW) with primary at 90/70°C	23
Power (kW) with primary at 45/40°C	7
Water flow (m ³ /h) with primary at 90/70°C	1,1
Load loss (mCE) with primary 90/70°C	0,204
Connection (mm)	20/27 male thread

INSTALLATION

- Installation in a technical facility close to the pool hall.
- Frames planned for intake and blower duct connection.
- Hot water battery assembled on the blower (option).
- Extra electric heating by through-the-wall electric heating elements (option).
- Auxiliary TITANIUM water condenser built-in to avoid all air overheating (option).
- Available pressure 10 mmCE making it possible to install a duct network to distribute hot, dry air the length of the window bays.
- Duct diameter: Ø 400 min. or 400 x 300.
- An annual check-up of the circuit sealing or all refrigerating appliances of which the load in refrigerating fluid is > than 2 kg and < than 30 kg (see art 3 of the 7/05/07 decree, French decree n° 717-2007).
- Standard access panel (electrical connections) on the right in the direction of air flow. If the panel is difficult to access on this side, the electrical unit can be fitted remotely (option exclusively available with the DF unit).

Installation of an appliance with the condenser option (models 410 G and 412 G only).

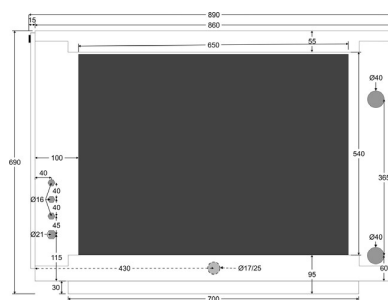
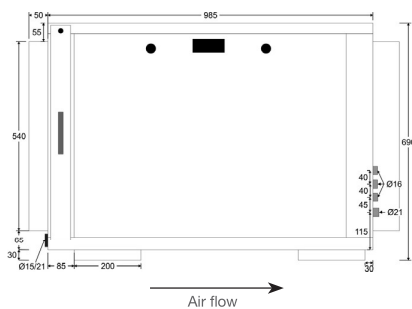


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DIMENSIONS (MM) AND WEIGHT

	DF 412 Single phase ducted	DF 410 Three phase ducted	DF 412 Three phase ducted
Weight (kg) (basic model)	147	147	149

Access panel as standard for electrical connections



OPTIONAL ACCESSORIES

Horizontal angle 90° 1	Vertical angle 90° 2	Outlet DF Ø 400 3	Standard outlet 625 x 425 4	Rectangular sound trap 635 x 525 length 500 mm 5	Chassis DF support	Remote control electrical unit
WCH03698	WCH03699	WCH03700	WTT02355	WCH03709	WTO04000	W28DEPORT
466 € ex VAT	418 € ex VAT	392 € ex VAT	177 € ex VAT	688 € ex VAT	804 € ex VAT	450 € ex VAT

