

DF ducted 410 - 412



2 YEAR
WARRANTY



- + Horizontal, ducted installation
- + Available in 5 capacities (3.5 to 12 l/h)
- + Air heating options (electric heating or hot water coil)
- + Titanium water condenser option, enabling to re-use the excess heat to warm the pool

ACCESSORIES INCLUDED IN THE PACK



Hygro control box

PRODUCT REFERENCES

DF ducted	DF 410M	DF 410T	DF 412T
Standard Model	W28DF410MG	W28DF410G	W28DF412G
Model with water condensed option	W28DF410MGC	W28DF410GC	W28DF412GC
Model with electric heating option	W28DF410MGE	W28DF410GE	W28DF412GE
Model with electric heating option and water condenser	W28DF410MGEC	W28DF410GEC	W28DF412GEC
Model with hot water coil option	W28DF410MGB	W28DF410GB	W28DF412GB
Model with hot water coil option and water condenser	W28DF410MGBC	W28DF410GBC	W28DF412GBC

TECHNICAL FEATURES

DF ducted	DF 410M	DF 410T	DF 412T
Capacity (l/h)*	10		12
Absorbed power*** (W)	3470		4170
Air flow (m ³ /h)	2000		
Available pressure (mmCE)	10		
Electric power supply	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz	
Max. absorbed intensity (A)**	20,5	11,9	14
Refrigerant fluid quantity (kg)	2,7 / 2,82 (1)		2,9 / 3,82 (1)
Evacuation of condensate	PVC 1/2 union, Ø 32, glued		
Acoustic Power ((dB(A))**	-		76,7

For all DF orders a deposit of 30% will be requested with the order.

* Standard unit, in the following nominal conditions: air 30°C, humidity 70%.

** Values measured and certified in compliance with EN ISO 3741 & EN ISO 354 standards, by CCTM (Centre de Transfert de Technologie du Mans) on standard units.

*** excluding the power consumption of electric heating option.

**** DF412 in single phase on request.

(1) for units with water condenser option.

ELECTRIC RESISTANCE SPECIFICATIONS

DF ducted	DF 410M	DF 410T	DF 412T
Electric resistance power (kW)		23	
Electric resistance Max. absorbed intensity (A)		7	

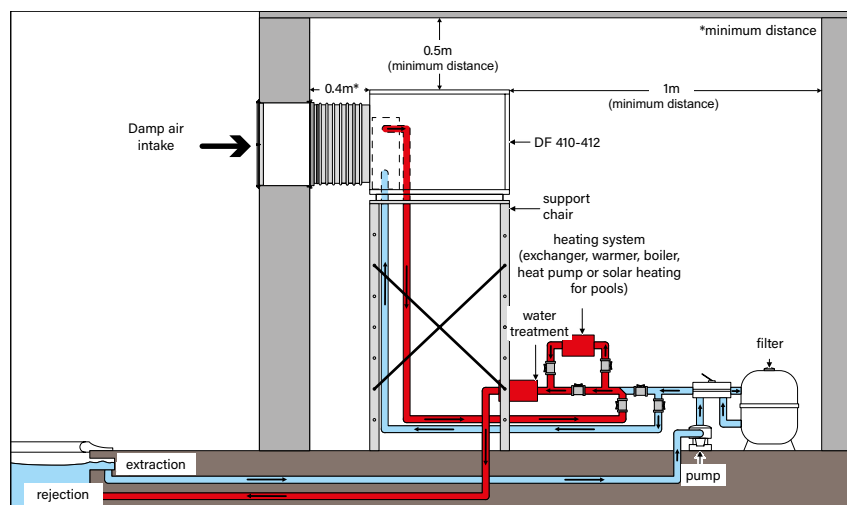
HOT WATER COIL SPECIFICATIONS

DF ducted	DF 410M	DF 410T	DF 412T
Power (kW) with primary at 50-40 °C / 90-70 °C		7 / 23	
Water flow (m³/h) with primary at 90/70°C		1,1	
Load loss (mmCE) with primary 90/70°C		204	
Connection (mm)		20 / 27 male thread	

INSTALLATION

- Installation in a technical room nearby the pool hall.
- Available pressure 10 mmCE making it possible to install a duct network to carry hot, dry air the length of the window bays.
- Duct diameter: Ø 400 mini or 400 x 300.
- Reversible installation: right-hand (standard) or left-hand (optional) access to the technical door.
- Hot water coil and electric heating options are integrated outside the air outlet which adds a thickness to the installation. It is highly recommended to integrate these options during first installation.
- Air heating options (electric resistance and hot water coil) increase the overall dimensions of the units. It is recommended to plan their integration early in the design process. Find out more details in the installation guide.

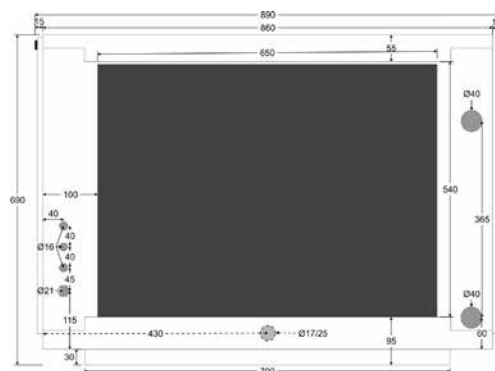
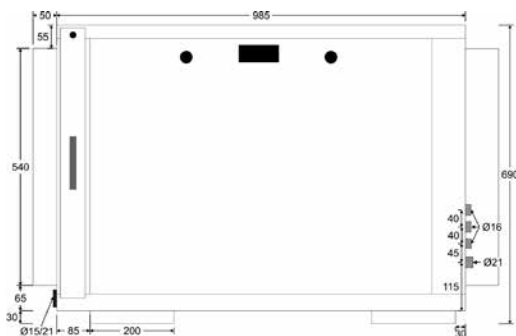
Installation of an appliance with the condenser option (models 410 ducted and 412 ducted only).



WEIGHT AND DIMENSIONS

DF ducted	DF 410M	DF 410T	DF 412T
Weight (kg)		147	149

Access panel as standard for electrical connections



ACCESSOIRES EN OPTION

1	2	3	4	5		
Horizontal angle 90°	Vertical angle 90°	Outlet DF Ø 400	Standard outlet 625 x 425	Sound trap rectangular length 635 x 525 long. 500 mm	DF Chassis support	Remote control electrical unit
WCH03698	WCH03699	WCH03700	WTT02355	WCH03709	WTO04000	W28DEPORT

