



# GLYCOLED COOL / HOT WATER FAN COILS

# PROFESSIONAL FAN COIL

The professional Fral Fan Coils are a light-weight portable unit capable of offering up to 3,600 m<sup>3</sup>/hr air flow at maximum fan speed. Main features:

- The unit is equipped with quick release water connections;
- Silent fan motor;
- Nice design;
- Adjustable air discharge grill;
- Electronic control;
- Remote control (optional);
- Single phase standard connection;
- Motorised 3 way valve;
- Automatic Thermostat.

## TECHNICAL SPECIFICATIONS

FAN COIL  
20 - 40

FAN COIL  
32 - 50

COOLING AND HEATING CAPACITY		FAN COIL 20 - 40	FAN COIL 32 - 50
Cooling Capacity <small>(water 7/12°C, 27°C / 60%)</small>	kW	20	32
Heating Capacity	kW	40	50
OPERATING LIMITS			
Working temperature range	°C	10 / 50	10 / 50
Water on Coil	°C	5/ 80	5/ 80
Fluid Pressure drop	kPa	38	42
Max. Working pressure	Bar	6	6
Condensate drain connection	Hose tail	3/4"	3/4"
Fluid Coupling	Camlock	1"	32 mm / 1 1/4" camlock
ELECTRIC DATA			
Power supply	V	230/1/50 Hz	230/1/50 Hz
Max Absorbed Power	kW	0,5	1.7
Max Current Absorbed	A	1,6	3.3
Current L.R.A	A	11	12
AIRFLOW			
Total Airflow	m <sup>3</sup> /h	1600-1990-2100	3600-2700-2600
Max Air Throw	m	10/12/18	10/12/18
SOUND			
Sound Pressure Level (at 3 meters free fiel)	dB(A)	53	<b>53</b>
DIMENSION AND WEIGHT DATA			
Lenght	mm	520	590
Width	mm	720	720
Height (without wheels)	mm	1650	1850
Weight	mm	101	129



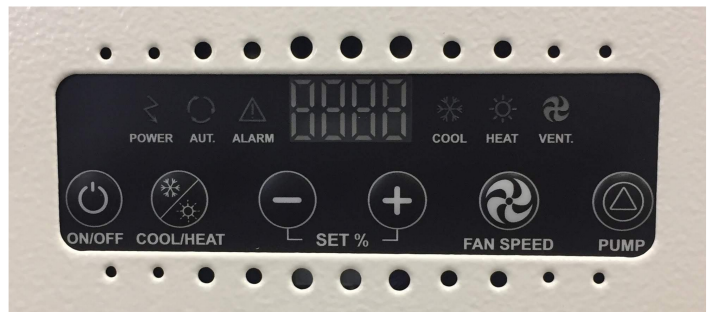
## COOLING AND HEATING CAPACITY 32 kW

COOLING CAPACITY			
AIR FLOW		3600 (m <sup>3</sup> /h) (max fan speed)	2600 (m <sup>3</sup> /h) (Low fan speed)
WATER : Inlet Temp 6°C Outlet Temp 11°C	Ambient temperature 27°C / 60%	34 kW	26,5 kW
WATER : Inlet Temp 7°C Outlet Temp 12°C	Ambient temperature 27°C / 60%	31,5 kW	24,5 kW
WATER : Inlet Temp 7°C Outlet Temp 12°C	Ambient temperature 28°C / 60%	34,5 kW	27 kW
WATER : Inlet Temp 7°C Outlet Temp 12°C	Ambient temperature 26°C / 60%	28,5 kW	22,5 kW
WATER : Inlet Temp 7°C Outlet Temp 12°C	Ambient temperature 25°C / 60%	26 kW	20,5 kW

HEATING CAPACITY			
AIR FLOW		3600 (m <sup>3</sup> /h) (max fan speed)	2600 (m <sup>3</sup> /h) (Low fan speed)
WATER : Inlet Temp 80°C Outlet Temp 70°C	Ambient temperature 20°C / 55%	63 kW	47,5 kW
WATER : Inlet Temp 80°C Outlet Temp 70°C	Ambient temperature 18°C / 55%	65 kW	40,5 kW
WATER : Inlet Temp 70°C Outlet Temp 60°C	Ambient temperature 20°C / 55%	51 kW	39 kW
WATER : Inlet Temp 70°C Outlet Temp 60°C	Ambient temperature 18°C / 55%	54 kW	40,5 kW

## FAN MOTOR PERFORMANCE 32 kW

FAN MOTOR PERFORMANCE					
AIR FLOW (m <sup>3</sup> /h)	3600	3000	2600	2000	Noise dB(A) at 3 m free field
Available static pressure MAX fan speed (Pa)	140	200	240	260	57
Available static pressure MED fan speed (Pa)	-	160	210	220	55
Available static pressure MIN fan speed (Pa)	-	-	50	180	53



## SPECIAL FRAME KIT FOR STORING THE UNITS

