

# HEATING

## FAN COIL - EXPOSED AND RECESSED HYDRONIC TERMINALS

NEW

### EXPOSED UNIT



HFLMM 200-900 W-SN

### Main features:

5 power levels: 2.00~9.00 kW.

Floor/ceiling model in double - exposed and recessed version.

Extremely quiet: only 19 dB(A) for size 200.

DC Brushless fan motor.

Useful for ceiling and floor installations.

Compact, elegant model with decorative feet (optional).

The grey louvres are manually adjustable on the exposed model, ensuring even diffusion of air inside the environment for optimal comfort.

### RECESSED UNIT



HFYMM 200-900 W-SN

## ONLY 12 W of power consumption

[mod. 200]

## ONLY 19 dB (A)

[mod. 200]

### Thermal comfort for all seasons in a single unit.

Hokkaido FAN COIL terminals are cutting-edge products in terms of design, performance, quiet, consumption and functionality. They are ideal for all environments that need to be air-conditioned, heating or cooling 365 days a year at all times. Their versatility and ability to maintain indoor comfort make them products that can be installed both in homes and in other spaces such as offices, hotels, hospitals, airports, libraries, museums, archives, religious places of worship, warehouses and basements.

### Flexible installation and simple maintenance

Both HokkaidoFAN COIL versions, recessed and exposed, can be installed both on the floor and on the ceiling thanks to the special shape of the condensate drain tray and the possibility of interacting via the remote control panel. Coil connections are on the left and can be switched to the right.

The FAN COILS can also be easily inspected, making routine and special maintenance easy and fast.

### The DC Brushless fan motor is the technological heart of the Hokkaido FAN COIL range:

- › High energy efficiency
- › Economic savings
- › Significant reduction in energy consumption compared to traditional FAN COILS with AC motors
- › Reduced CO<sub>2</sub> emissions

### HEATING mode

Ventilation starts only if the water inlet temperature is > 30 °C: this prevents the circulation of cold air in the room.

### Temperature

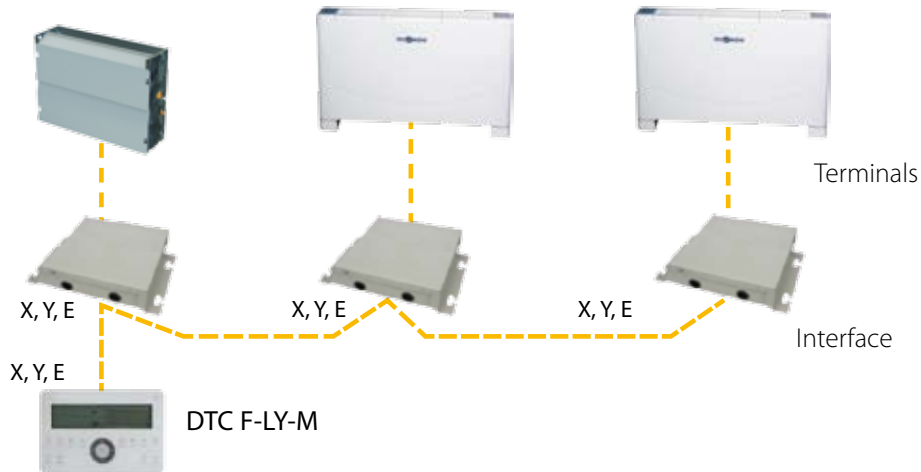
The environmental temperature interval can be set on Hokkaido FAN COIL thermostats and is 17~30°C (both in cold and heat).

# HEATING

## FAN COIL - EXPOSED AND RECESSED HYDRONIC TERMINALS

### CENTRALISED MANAGEMENT

Allows users to fully **and independently** control up to 64 units.



### CENTRALISED CONTROL

- LCD display
- Soft Touch buttons
- Operating mode and temperature control
- Speed control (high/medium/low)
- Daily on-off timer

### PCB INTERFACE KIT

(to be combined with centralised control)  
An interface must be installed for each connected terminal.

Exposed unit			HFLMM 200 W-SN	HFLMM 350 W-SN	HFLMM 550 W-SN	HFLMM 700 W-SN	HFLMM 900 W-SN
Recessed unit			HFYMM 200 W-SN	HFYMM 350 W-SN	HFYMM 550 W-SN	HFYMM 700 W-SN	HFYMM 900 W-SN
Power		V/Ph/Hz	220-240/1/50				
Air flow (H/M/L) 1		m <sup>3</sup> /h	255 / 215 / 190	510 / 430 / 380	765 / 650 / 570	1020 / 870 / 765	1530 / 1300 / 1150
Cooling 2	Power (H/M/L)	kW	1.74 / 1.31 / 1.05	2.84 / 2.21 / 1.63	4.43 / 3.21 / 2.52	5.51 / 3.92 / 2.99	6.87 / 5.32 / 4.31
	Water flow	l/h	299	488	762	948	1182
	Water load loss	kPa	8.5	16.3	30.1	16.6	31.4
Water heat. 45°C 3	Power (H/M/L)	kW	1.67 / 1.16 / 1.03	3.02 / 2.27 / 1.63	4.53 / 3.23 / 2.44	5.74 / 4.19 / 3.17	7.58 / 5.65 / 4.52
	Water flow	l/h	245	400	625	777	969
	Water load loss	kPa	5.6	10.2	17.7	10.2	17.9
Water heat. 55°C 4	Power (H/M/L)	kW	2.41 / 1.68 / 1.48	4.34 / 3.27 / 2.35	6.51 / 4.65 / 3.52	8.26 / 6.03 / 4.55	10.9 / 8.13 / 6.5
	Water flow	l/h	353	576	899	1,119	1,395
	Water load loss	kPa	10.4	18.9	32.9	18.9	33.3
Water heat. 70°C 5	Power (H/M/L)	kW	2.76 / 1.92 / 1.69	4.98 / 3.75 / 2.69	7.47 / 5.33 / 4.03	9.47 / 6.91 / 5.22	12.5 / 9.32 / 7.46
	Water flow	l/h	201	328	512	637	795
	Water load loss	kPa	3.8	6.8	11.9	6.8	12.0
Assorbimento elettrico / Power consumption (H)		W	12	26	26	36	101
Sound pressure (H/M/L) 6		dB(A)	29/25/19	32/28/22	36/32/26	40/34/28	43/37/31
Fan motor	Type		DC Brushless				
Fan	Quantity		1				
Fan	Type		Centrifugal with forward curved blades				
Fan	Quantity		1	2	2	3	3
Coil	Rows		3	2	3	2	2
Coil	Maximum pressure	Pa	1.6				
Coil	Diameter	mm	Ø9.52				
Exposed version	Net dimensions	mm	800x592x220	1000x592x220	1200x592x220	1500x592x220	1500x592x220
	Packaging dimensions	mm	889x683x312	1089x683x312	1289x683x312	1589x683x312	1589x683x312
	Net weight	kg	24.4	28.2	34.2	40.0	40.0
	Gross weight	kg	28.4	33.2	39.7	45.5	45.5
Recessed version	Net dimensions	mm	550x545x212	750x545x212	950x545x212	1250x545x212	1250x545x212
	Packaging dimensions	mm	639x639x305	839x639x305	1039x639x305	1339x639x305	1339x639x305
	Net weight	kg	17.0	20.0	25.0	32.0	32.0
	Gross weight	kg	19.0	23.5	29.0	36.0	36.0
Hydraulic connections			G3/4				
Drain		mm	ØD016				

NOTES (1) H: High speed; M: Medium speed; L: Low speed - Useful pressure head recessed version: 12 Pa. (2) Cooling conditions: water at 7°C/ΔT 5°C; air at 27°C DB/19°C WB. (3) Heating conditions: water at 45°C, ΔT 5°C; air at 20°C DB. (4) Heating conditions: water at 55°C, ΔT 5°C; air at 20°C DB. (5) Heating conditions: water at 70°C, ΔT 10°C; air at 20°C DB. (6) Noise level tested in a semi-anechoic chamber, distance 1 m.