

## HEATING

# FAN COIL - EXPOSED AND RECESSED HYDRONIC TERMINALS

### EXPOSED UNIT



HFLMM 200-900 W-SN

### RECESSED UNIT



HFYMM 200-550 W-SN

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

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 Hokkaido FAN 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.

**ONLY 12 W  
OF POWER CONSUMPTION**

[mod. 200]

**ONLY 19 DB(A)**

[mod. 200]

#### Main features

5 power sizes for the exposed model and 3 power sizes for the recessed model.

Floor/ceiling model in the 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.

#### 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 tradition fan coil with AC motor.
- Reduced CO2 emissions.

#### In heating mode

Ventilation starts only if the water inlet temperature is  $> \text{di } 30^{\circ}\text{C}$ : this prevents the circulation of cold air in the room.

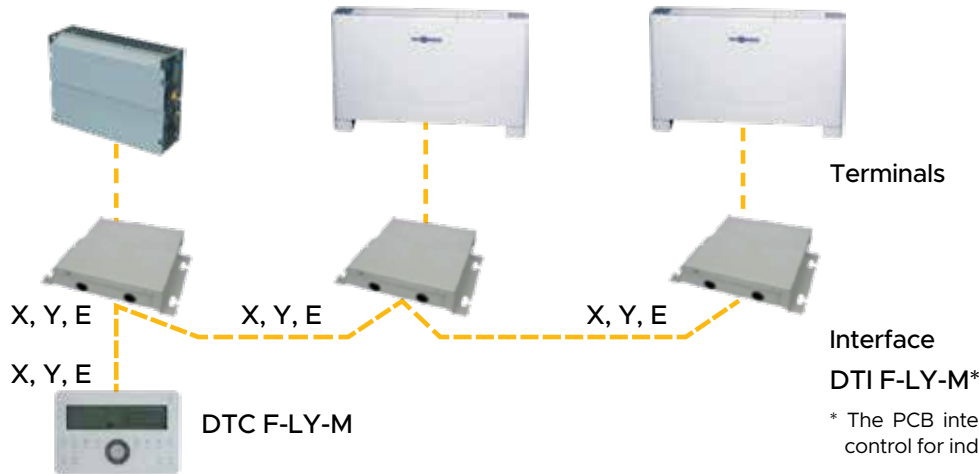
#### Temperature

The room temperature range that can be set on the Hokkaido fan coil thermostat is  $17\text{-}30^{\circ}\text{C}$  (both in cold and heat).

## FAN COIL - EXPOSED AND RECESSED HYDRONIC TERMINALS

### Centralized management

Allows up to 64 units to be controlled completely and independently.



Terminals

Interface  
DTI F-LY-M\*

\* The PCB interface kit is already equipped with a wired control for individual control of the unit.

### 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 the centralized 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		
Power	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L) <sup>1</sup>	m <sup>3</sup> /h	255 / 215 / 190	510 / 430 / 380	765 / 650 / 570	1020 / 870 / 765	1530 / 1300 / 1150
Cooling <sup>2</sup>	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 <sup>3</sup>	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 <sup>4</sup>	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 <sup>5</sup>	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
Power consumption (H)	W	12	26	26	36	101
Sound pressure (H/M/L) <sup>6</sup>	dB(A)	29/25/19	32/28/22	36/32/26	40/34/28	43/37/31
Fan motor	Type	DC Brushless				
	Quantity	1				
Fan	Type	Centrifugal with forward curved blades				
	Quantity	1	2	2	3	3
	Rows	3	2	3	2	2
Coil	Maximum pressure	Pa 1.6				
	Diameter	mm 09.52				
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
	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 in 7° C/ΔT 5° C; air in 27° C DB/19° C WB. (3) Heating conditions: water in 45° C, ΔT 5° C; air in 20° C DB. (4) Heating conditions: water in 55° C, ΔT 5° C; air in 20° C DB. (5) Heating conditions: water in 70° C, ΔT 10° C; air in 20° C DB. (6) Noise level tested in a semi-anechoic chamber, distance 1 m.