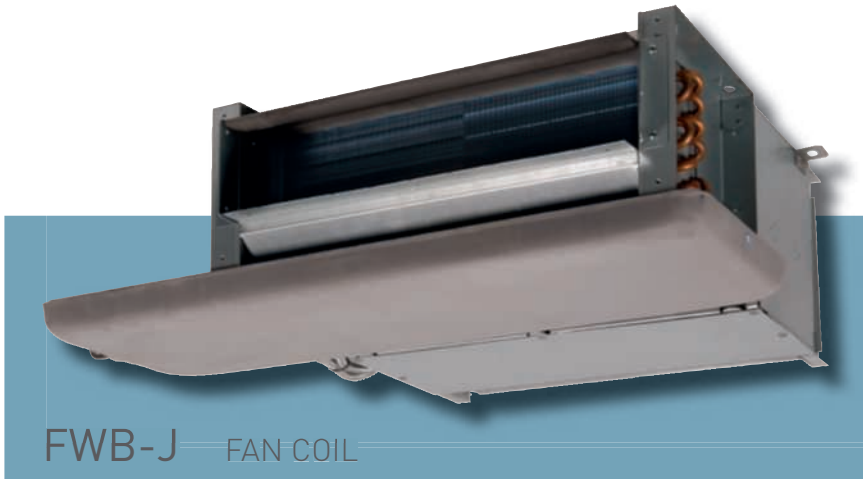


CONCEALED CEILING UNIT

APPLIED SYSTEMS



FWB-J FAN COIL

www.daikin.eu

MAIN FEATURES

The FWB-J fan coil has an available static pressure of 30Pa and is available in 2-pipe and 4-pipe versions, for cooling only and heat pump applications. Plenum, filter and a 100 mm extended drain pan are offered as standard. The water connection is left sided. Four fan speeds are available.

Main features are:

- > Wide capacity range:
 - > Cooling capacity from 1.21 to 10.66kW
 - > Heating capacity from 1.64 to 14.13kW
- > Slim and compact aesthetic design
- > Flexibility thanks to interchangeable water connection side and convertible plenum
- > Facilitated maintenance thanks to removable filters from both sides and beneath (maximum filter size is 400 mm)
- > Easy control: electronic controller with LCD display
- > Low operational sound levels via enlarged fan wheels

Reference			1	2	3	4	5	6	7	8	9	10	11	12	16	18	20	22kW	
FWB-J	2-pipe	cooling		■	■	■	■	■	■	■	■	■	■						
		heating			■	■	■	■	■	■	■	■	■	■	■				
	4-pipe	cooling		■	■	■	■	■	■	■	■	■							
		heating (2-pipe)			■	■	■	■	■	■	■	■	■	■	■				
		heating (4-pipe)			■	■	■	■	■	■	■	■	■	■	■				

OPTIONS

Type: FWB-J	
Description	
2-pipe 3-way valve	MCWC
4-pipe 3-way valve	MCWH
Controller electronic - remote	EC8100A

FWB-J				2-pipe											4-pipe							
				02	03	04	05	06	07	08	09	10	11	02	03	04	06	07	08	10		
Power input			W	34	53	57	54	86	121	117	134	164	166	34	51	54	84	117	137	163		
Capacity	Cooling capacity	Total capacity	High	kW	1.64	2.67	2.99	3.34	4.81	5.31	6.16	7.26	8.49	8.99	1.67	2.67	3.03	4.88	5.33	6.53	8.21	
	Heating capacity (2-pipe)		High	kW	2.16	3.62	3.97	4.11	6.30	7.47	8.09	9.64	11.57	11.71	2.12	3.69	3.87	6.40	7.52	9.01	11.09	
	Heating capacity (4-pipe)		High	kW	-											2.49	3.92	4.43	6.70	8.16	9.56	11.68
Dimensions	HxWxD		mm	251 x 814 x 590	251 x 984 x 590	251 x 1,114 x 590	251 x 1,314 x 590	251 x 1,564 x 590	251 x 1,664 x 590	251 x 1,924 x 590	251 x 814 x 590	251 x 984 x 590	251 x 1,114 x 590	251 x 1,314 x 590	251 x 1,564 x 590	251 x 1,664 x 590	251 x 1,924 x 590					
	Machine weight			kg	20.0	23.0	28.0	31.0	33.0	44.0	48.0	52.0	50.0	56.0	22.0	27.0	31.0	36.0	48.0	52.0	56.0	
Sound level	Sound power		dBA	47.5	52	49	50	52			55	55.5	56	47	52	50	52		55	56		
Water pressure drop	Cooling	kPa		10.91	8.34	15.64	11.22	31.31	12.56	7.62	9.83	21.71	16.81	10.95	8.24	15.67	29.95	9.24	12.49	19.38		
	Heating	kPa		8.86	6.76	12.84	9.21	25.87	11.13	6.57	8.60	18.56	14.46	8.94	6.64	12.84	24.16	7.89	9.67	16.50		
Fan	Air flow rate		m³/h	262	428	431	428	757	945	950	1,066	1,463	1,341	220	424	437	747	898	1,112	1,385		
	Available pressure		Pa	30																		
Water connections	Std. heat exchanger		inch	3/4																		
Required power supply			V/f/Hz	220-240 / 1 / 50																		



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues.

For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.



Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory. Certification is valid for air-cooled models <600kW and water cooled models <1500kW.

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