

Fan coil units Catalogue

All Seasons
° CLIMATE COMFORT

- Heating
- Air Conditioning
- Applied Systems**
- Refrigeration





Daikin Europe N.V.

About Daikin

Daikin has a worldwide reputation based on over 85 years' experience in the successful manufacture of high quality air conditioning equipment for industrial, commercial and residential use. Daikin's much envied quality quite simply stems from the close attention paid to design, production and testing, as well as aftersales support. To this end, every component is carefully selected and rigorously tested to verify its contribution to product quality and reliability.

Fan Coil Units

Fan Coil Units are a highly efficient means of turning a water chiller, heat pump or hot water boiler into an efficient, quiet air conditioning system. These units are an effective solution to provide a comfortable environment for both commercial and residential applications.

Daikin offers a wide range of Fan Coil Units for both concealed and exposed applications. Three models are available in flexible application. The only moving part in the units is the fan, making them ideal for use in offices, hotels and at home. The goal is to obtain the right solution, both technically and aesthetically.

Flexible solutions

Fan Coil Units in combination with chillers and or boilers can be used to provide a broad range of solutions that can be tailored to local conditions such as climate, primary fuel market or building insulation. In warmer climates or when a building is well insulated, Fan Coil Units with a chiller (2-pipe system) can handle both cooling and heating. Here the chiller is capable of operating in cooling as well as heat pump mode. In more severe climates, a boiler can be added (4-pipe system) allowing optimal cooling in the summer using the chiller, and efficient heating in the winter via the boiler. Adding to the flexibility when designing applied systems applications, is the ability to equip the Fan Coil Unit with an optional electric heater. In situations where it is not economical to operate a boiler and where a chiller in heat pump mode is also not desirable, the electric heater can quickly heat up a room. The combinations made possible by the Daikin range of Fan Coil Units allow a chiller-based solution to be optimally designed for just about any application and price range.



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FAN COIL UNITS PRODUCT PORTFOLIO

Reference			1	2	3	4	5	6	7	8	9	10	11	12	16	18	20	22kW	
FWT-BT	2-pipe	cooling			02	03	04	05	06										
		heating			02	03	04	05	06										
FWC-BT/BF	2-pipe	cooling						06	07	08	09								
		heating							06	07	08	09							
	4-pipe	cooling						06	07	08	09								
		heating								06	07	08	09						
FWF-BT/BF	2-pipe	cooling		02	03	04	05												
		heating			02	03	04	05											
	4-pipe	cooling		02	03	04	05												
		heating			02	03	04	05											
FWW-DT/DF	2-pipe	cooling	01	02	03	04	06	08	10										
		heating	01	02	03	04	06	08	10										
	4-pipe	cooling	01	02	03	04	06	08	10										
		heating	01	02	03	04	06	08	10										
FWL-DT/DF	2-pipe	cooling	01	02	03	04	06	08	10										
		heating	01	02	03	04	06	08	10										
	4-pipe	cooling	01	02	03	04	06	08	10										
		heating	01	02	03	04	06	08	10										
FWM-DT/DF	2-pipe	cooling	01	02	03	04	06	08	10										
		heating	01	02	03	04	06	08	10										
	4-pipe	cooling	01	02	03	04	06	08	10										
		heating	01	02	03	04	06	08	10										
FWB-BT	2-pipe	cooling		02	03	04	05	06	07	08	09	10							
		heating						02	03	04	05	06	07	08	09	10			
	4-pipe*	cooling		02	03	04	05	06	07	08	09	10							
		heating			02	03	04	05	06	07	08	09	10						
FWD-AT/AF	2-pipe	cooling				04	06	08	10	12	16	18							
		heating				04	06	08	10	12	16	18							
	4-pipe	cooling				04	06	08	10	12	16	18							
		heating				04	06	08	10	12	16	18							
FWB-JT/JF	2-pipe	cooling		02	03	04	05	06	07	08	09	10	11						
		heating			02	03	04	05	06	07	08	09	10	11					
	4-pipe	cooling		02	03	04	06	07	08	10									
		heating (4-pipe)			02	03	04	06	07	08	10								

Measuring conditions (at nominal air flow and ESP) : COOLING • air temperature entering the unit: 27°C/19°C • water temperature entering the unit 7°C • leaving the unit 12°C
 HEATING • room air temperature 20°C • for 2 pipe units : water temperature entering 50°C - water flow rate same as for the cooling test • for 4 pipe units : water temperature entering 70°C - water temperature leaving 60°C.
 * 4-pipe= 2-pipe + option additional heat exchanger

FAN COIL UNIT - ACCESSORIES

Type: FWM-DT/DF, FWL-DT/DF, FWV-DT/DF	1	2	3	4	6	8	10	FWV	FWL	FWM
Description										
Additional single row heat exchanger	ESRH02A6	ESRH03A6	ESRH06A6	ESRH10A6				x	x	x
Electric heater	EEH01A6	EEH02A6	EEH03A6	EEH06A6	EEH10A6			x	x	x
2-pipe 3-way valve	E2MV03A6		E2MV06A6		E2MV10A6			x	x	x
4-pipe 3-way valve	E4MV03A6		E4MV06A6		E4MV10A6			x	x	x
Fan stop thermostat	YFSTA6							x	x	x
Air intake & discharge grille	EAIDF02A6	EAIDF03A6	EAIDF06A6	EAIDF10A6				-	-	x
Supporting feet	ESFV06A6			ESFV10A6				x	-	x
Supporting feet + grille	ESFVG2A6	ESFVG3A6	ESFVG6A6	ESFVG10A6				x	-	-
Fresh air intake	EFA2A6	EFA3A6	EFA6A6	EFA10A6				x	-	-
Rear panel	ERP2A6	ERP3A6	ERP6A6	ERP10A6				x	x	-
Control electromechanical	ECFWMB6							x	x	x
Electronic controller	FWEC1A, FWEC2A, FWEC3A							x	x	x
Master slave option	EPIMSB6							x	x	x
Vertical drainpan	EDPVA6							x	x	x
Horizontal drainpan	EDPHA6							-	x	x
On board installation kit	FWECKA							x	x	-
Temperature sensor kit	FWTSKA							x	x	x
Relative humidity sensor kit	FWHNSKA							x	x	x
On board FCU controller installation kit	FWECKA							x	x	-

Type: FWB-BT	2-4	5-7	8-10
Description			
Additional heat exchanger	EAH04A6	EAH07A6	EAH10A6
3-way valve add. h/e	E2MV307A6		E2MV310A6
3-way valve cooling h/e	Factory mounted		
2-way valve add. h/e	E2MV207A6		E2MV210A6
2-way valve cooling h/e	Factory mounted		
Electric Heater	Factory mounted		
Fan stop thermostat	YFSTA6		
Power interface	-	-	EPIB6
Master slave interface	EPIMSB6		
Electronic controller	FWEC1A		
	FWEC2A		
	FWEC3A		
Temperature sensor kit	FWTSKA		
Relative humidity sensor kit	FWHNSKA		
On board installation kit	FWECKA		

Type: FWB-JT/JF	
Description	
2-pipe 3-way valve	MCWCN
4-pipe 3-way valve	MCWHN

Type: FWD-AT/AF	4	6	8	10	12	16	18
Description							
Electric heater: small	(1) EDEH04A6	EDEHS06A6	EDEHS10A6	EDEHS12A6	EDEHS18A6		
Electric heater: big	EDEH04A6	EDEH06A6	EDEH10A6	EDEH12A6	EDEH18A6		
2-pipe 3-way valve	(2) ED2MV04A6	ED2MV10A6	ED2MV12A6	ED2MV18A6			
4-pipe 3-way valve	ED4MV04A6	ED4MV10A6	2x ED2MV12A6	2 x ED2MV18A6			
Vertical Drainpan	EDDPV10A6			EDDPV18A6			
Horizontal Drainpan	EDDPH10A6			EDDPH18A6			
Fan stop thermostat	YFSTA6						
Fresh air intake	EDMFA04A6	EDMFA06A6	EDMFA10A6	EDMFA12A6	EDMFA18A6		
Electronic controller	FWEC1A						
	FWEC2A						
	FWEC3A						
Power interface	EPIB6						
Master slave interface	EPIMSA6						
Temperature sensor kit	FWTSKA						
Relative humidity sensor kit	FWHNSKA						

- Requires electronic controller
- For FWD 12,16,18AT/AF only motor valve (piping not included)
- Water probe included
- Optional, electrical installation box with earth terminal KJB212A is required, if controller wires need to be installed in the wall.
- Requires electrical installation box with earth terminal KJB311A.
- Requires electrical installation box KJB411A.
- Requires installation box KRP1H98. (FWC)
- Requires installation box KRP1BA101 (FWF)
- Requires electrical installation box with earth terminal KJB212A, if built in the wall.
- Requires valve control PCB EKRPC11
- i-touch:
 - Not allowed to use the i-touch for an installation with both fan coils and VRV units.
 - Can not be used in combination with fan coil units, that use MOD bus communication.
 - No Airnet or telephone connection possible.

TYPE	FWC-BT/BF	FWF-BT/BF
Description		
Decoration Panel (RAL 9010 - grey sealings) 4-way blow	-	BYFQ60B
Decoration Panel - Standard (RAL 9010 - grey sealings) Round flow	BYCQ140CW1	
Decoration Panel - White (RAL 9010 - white sealings) Round flow	BYCQ140CW1W	
Sealing member of air discharge outlet	KDBHQ55C140	KDBH44BA60
Panel spacer	-	KDBQ44B60
Long-life filter	KAFP551K160	KAFQ441BA60
Fresh air intake kit - Direct installation type	-	KDDQ44XA60
Fresh air intake kit (20% fresh air) - Direct installation type	KDDQ55C140-1 (*20) / KDDQ55C140-2 (*20)	-
Remote controller - Wireless - H/P	BRC7F532F (*18)	BRC7E530 (*18)
Remote controller - Wireless - C/O	BRC7F533F (*18)	BRC7E531 (*18)
Remote controller - Wired	BRC315D7 (*4)	
Central remote controller	DCS302CA51 (*5)	
Electrical box with earth terminal (3 blocks)	KJB311A	
Unified on/off controller	DCS301BA51 (*9)	
Electrical box with earth terminal (2 blocks)	KJB212A	
Schedule timer	DST301BA51 (*6)(*9)	DST301BA51 (*6)(*9)
Wiring adapter for electrical appendices (1)	KRP2A52 (*7) (*12)	KRP2A52 (*9) (*12)
Wiring adapter for electrical appendices (2)	KRP4AA53 (*7) (*12)	KRP4AA53 (*9) (*12)
Installation box for adapter PCB	KRP1H98 (*13)	KRP1BA101 (*17)
Remote sensor	KRCS01-4	KRCS01-1
Intelligent touch controller	DCS601C51C(*6) (*11)	DCS601C51C (*6) (*11)
Electrical installation box	KJB411A	
Optional PCB for MOD-bus connection	EKFCMBCB7 (*8) (*12)	EKFCMBCB7 (*8) (*12)
2-way valve - On/Off	EKMV2C09B7 (*8) (*10) (*15)	EKMV2C09B7 (*8) (*10) (*16)
3-way valve - On/Off	EKMV3C09B7 (*8) (*10) (*15)	EKMV3C09B7 (*8) (*10) (*16)
Valve control PCB	EKRPC11	
Remote "On/Off" and "forced off" kit	EKROROA (*17)	

TYPE	FWT-BT
Description	
Standard wired remote control	MERCA
Simplified wired remote control	SRC-COB
Simplified wired remote control	SRC-HPB
Wireless control for cooling only	WRC-COB
Wireless control for heat pump	WRC-HPB

- Only 1 of these 4 options can be installed on 1 indoor unit.
- Max. 1 KRP1H98 box can be mounted on the unit. Max. 2 PCB's can be mounted in 1 KRP1H98 box. (FWC)
- Max. 2 KRP1BA101 boxes can be mounted on the unit. Max. 1PCB can be mounted in 1 KRP1BA101 box. (FWF)
- 2-pipe unit: 1 x valve kit + 1 x installation box for PCB KRP1H98 + 1 x valve control PCB EKRPC11
- 4-pipe unit: 2 x valve kit + 1 x installation box for PCB KRP1H98 + 1 x valve control PCB EKRPC11 (FWC)
- 2-pipe unit: 1 x valve kit + 1 x installation box for PCB KRP1BA101 + 1 x valve control PCB EKRPC11
- 4-pipe unit: 2 x valve kit + 1 x installation box for PCB KRP1BA101 + 1 x valve control PCB EKRPC11 (FWF)
- This option is needed to create T1 T2 wire.
- It is possible to change the operation mode, but this will not have an impact on the water temperature. (No feed back to water source) It is not possible to select the "auto airflow" setting. Dry operation can be selected with this remote control, but this function is not available on the FWC model.
- All options are supplied as kit.
- Both parts of the fresh air intake are needed for each unit.



FAN COIL UNIT - CONTROL SYSTEMS

The fan coil units can be operated by different controllers according to the model.



ECFWMB6

ELECTROMECHANICAL BUILT-IN CONTROLLER

- › Fan speed selector
- › Manual cooling/heating changeover.
- › ON/OFF valves can also be controlled with ECFWMB6



BRC315D7

WIRED REMOTE CONTROLLER

- › to control each fan coil unit independently
- › cooling and heating function
- › ON/OFF timer function



BRC7E532F

INFRARED REMOTE CONTROLLER

- › to control each fan coil unit independently
- › cooling and heating function



FWEC1A

ELECTRONIC CONTROLLER

- › Control of on-off valves for two or four pipes systems
- › Control of auxiliary heating element
- › Cooling/heating switching in the following modes: local or remote manual (centralised), automatic (depending on water temperature (optional) or air temperature)
- › Possibility, by means of clean contacts, of remote centralised cooling/heating switching and external activation
- › Temperature sensor kit (accessory FWTSKA)
- › Economy function (setpoint correction by 2.5°C and forcing of the fan to run at minimum available speed)



FWEC2A

- › Composed by:
 - › Ic display
 - › keyboard
- › On board and wall mounted installation.
- › Same as FWEC1A with following additional functions:
 - 1) humidity management:
 - display of relative humidity
 - dehumidification function (cooling mode) Manual activation
 - 2) serial communication interface (RS485 bus)
 - possibility to set up a master-slave system up to 247 slave units, inwhich one of the controls plays the role of master and manages all the other slave units. (modbus protocol)



FWEC3A

- › Composed by:
 - › Ic display
 - › keyboard
- › On board and wall mounted installation.
- › Same as FWEC2A with following additional functions:
 - 1) Back light
 - 2) Proportional valve control (two voltage outputs for the proportional valves)
 - 3) Voltage contact 0-10V (same as 2)
 - 4) Time clock and weekly schedule (on / off or setpoint air)
 - 5) Integration in BMS (already included in the FWEC2A version)
 - 6) Two digital outputs (voltage free) to manage electric heaters with the weekly schedule



MERCA

STANDARD WIRED REMOTE CONTROLLER

- › Fan speed
- › Sleep function
- › Swing
- › Temperature setting
- › Operating mode
- › LCD display
- › ON/OFF switch
- › Real time clock
- › Timer active
- › Timer ON/OFF



SRC-COB

SIMPLIFIED WIRED REMOTE CONTROLLER FOR COOLING ONLY & HEAT PUMP

- › Temperature display
- › Temperature setting
- › Timer switch setting
- › ON/OFF switch
- › Fan speed
- › Operating mode
- › Swing
- › "Sleep" function



SRC-HPB



WRC - COB/HPB

WIRELESS CONTROLLER FOR COOLING ONLY & HEATPUMP

- › LCD display
- › Temperature setting
- › Operating mode
- › Timer switch setting
- › Turbo mode
- › Swing
- › "Sleep" function
- › Real time clock
- › ON/OFF switch
- › Fan speed



FWV01, 02DT/DF



FWEC1, 2, 3A



ECFWMB6

- › Low sound power levels and electrical absorption thanks to plastic impeller, ABS winding staircase and improved electric motor
- › Quick fixing system for wall mounted installation
- › Pre-assembled 3-way/4-port ON/OFF valves are available
- › Valve packages are insulated, no extra drain pan required
- › Valve packages contain balancing valves and sensor pocket
- › Fast-on connections for electrical options : no tools needed
- › Quick removal of washable filter
- › Electric heater : no relay up to 2kW capacity
- › Electronic controller with water probe, available in standard, advanced and advanced plus version



Indoor units				2-PIPE						4-PIPE							
				FWV01DT	FWV02DT	FWV03DT	FWV04DT	FWV06DT	FWV08DT	FWV10DT	FWV01DF	FWV02DF	FWV03DF	FWV04DF	FWV06DF	FWV08DF	FWV10DF
Cooling capacity	Total capacity	High	kW	1.54	2.09	2.93	4.33	4.77	6.71	8.02	1.46	1.90	2.87	4.33	4.67	6.64	7.88
	Sensible capacity	High	kW	1.20	1.51	2.11	3.15	3.65	4.91	5.96	1.14	1.51	2.07	3.15	3.57	4.85	5.85
Heating capacity	2-Pipe	High	kW	2.14	2.57	3.81	5.63	6.36	7.83	10.03	-						
	4-Pipe	High	kW	-						1.90	2.10	3.08	5.05	5.30	7.91	9.30	
Power input	High		W	37	53	56	98		137	175	37	53	56	98		137	175
Dimensions	Unit	HxWxD	mm	564x774x226		564x984x226	564x1,194x226		564x1,404x251		564x774x226		564x984x226	564x1,194x226		564x1,404x251	
Weight	Unit		kg	19	20	25	30	31	41		20	21	26	32	33	44	
Heat exchanger	Water volume		l	0.5	0.7	1	1.4		2.1		0.5	0.7	1	1.4		2.1	
	Additional heat exchanger		l	-						0.2		0.3	0.4		0.6		
Water flow	Cooling		l/h	265	359	504	745	820	1,154	1,343	251	327	494	745	803	1,142	1,355
	Heating		l/h	265	359	504	745	820	1,154	1,343	196	182	286	396	465	694	816
Water pressure drop	Cooling		kPa	13		11	12	14	12	19	13		11	12	14	12	19
	Heating		kPa	9	11	9		10	9	16	7	8	5	10		8	9
Fan	Type			Centrifugal multi-blade, double suction						Centrifugal multi-blade, double suction							
	Air flow rate	High	m ³ /h	319	344	442	706	785	1,011	1,393	307	327	431	690	763	998	1,362
Sound power level	High		dB(A)	45	50	47	52	56	58	64	45	50	47	52	56	58	64
Piping connections	Drain	OD	mm	16						16							
Water connections	Std. heat exchanger		inch	1/2				3/4		1/2				3/4			
Power supply	Phase / Frequency / Voltage		Hz / V	1 / 50 / 230						1 / 50 / 230							
Current input	High		A	0.17	0.24	0.25	0.44	0.43	0.60	0.76	0.17	0.24	0.25	0.44	0.43	0.60	0.76



FWL03DT/DF



FWL03DT/DF



FWEC1, 2, 3A



ECFWMB6

- › Low sound power levels and electrical absorption thanks to plastic impeller, ABS winding staircase and improved electric motor
- › Quick fixing system for wall or ceiling mounted installation
- › Pre-assembled 3-way/4-port ON/OFF valves are available
- › Valve packages are insulated, no extra drain pan required
- › Valve packages contain balancing valves and sensor pocket
- › Fast-on connections for electrical options : no tools needed
- › Quick removal of washable filter
- › Electric heater : no relay up to 2kW capacity
- › Electronic controller with water probe, available in standard, advanced and advanced plus version



INDOOR UNITS				2-PIPE								4-PIPE							
				FWM01DT	FWM02DT	FWM03DT	FWM04DT	FWM06DT	FWM08DT	FWM10DT	FWM01DF	FWM02DF	FWM03DF	FWM04DF	FWM06DF	FWM08DF	FWM10DF		
Cooling capacity	Total capacity	High	kW	1.54	2.09	2.93	4.33	4.77	6.71	8.02	1.46	1.90	2.87	4.33	4.67	6.64	7.88		
	Sensible capacity	High	kW	1.20	1.51	2.11	3.15	3.65	4.91	5.96	1.14	1.51	2.07	3.15	3.57	4.85	5.85		
Heating capacity	2-Pipe	High	kW	2.14	2.57	3.81	5.63	6.36	7.83	10.03	-								
	4-Pipe	High	kW	-								1.90	2.10	3.08	5.05	5.30	7.91	9.30	
Power input	High	W	37	53	56	98		137	175	-									
Dimensions	Unit	HxWxD	mm	564x774x226		564x984x226		564x1,194x226		564x1,404x251		564x774x226		564x984x226		564x1,194x226		564x1,404x251	
Weight	Unit	kg	20	21	27	32	33	44		21	22	28	34	35	46				
Heat exchanger	Water volume	l	0.5	0.7	1	1.4		2.1		0.5	0.7	1	1.4		2.1				
Additional heat exchanger	Water volume	l	-								0.2		0.3	0.4		0.6			
Water flow	Cooling	l/h	265	359	504	745	820	1,154	1,343	251	327	494	745	803	1,142	1,355			
	Heating	l/h	265	359	504	745	820	1,154	1,343	196	182	286	396	465	694	816			
Water pressure drop	Cooling	kPa	13		11	12	14	12	19	13		11	12	14	12	19			
	Heating	kPa	9	11	9		10	9	16	7	8	5	10		8	9			
Fan	Type	Centrifugal multi-blade, double suction																	
	Air flow rate	High	m ³ /h	319	344	442	706	785	1,011	1,393	307	327	431	690	763	998	1,362		
Sound power level	High	dBA	45	50	47	52	56	58	64	45	50	47	52	56	58	64			
Water connections	Std. heat exchanger	inch	1/2				3/4				1/2				3/4				
Power supply	Phase / Frequency / Voltage	Hz / V	1 / 50 / 230																
Current input	High	A	0.17	0.24	0.25	0.44	0.43	0.60	0.76	0.17	0.24	0.25	0.44	0.43	0.60	0.76			



FWM01, 02DT/DF



FWM01, 02DT/DF



FWEC1, 2, 3A

- › Low sound power levels and electrical absorption thanks to plastic impeller, ABS winding staircase and improved electric motor
- › Quick fixing system for wall or ceiling mounted installation
- › Pre-assembled 3-way/4-port ON/OFF valves are available
- › Valve packages are insulated, no extra drain pan required
- › Valve packages contain balancing valves and sensor pocket
- › Fast-on connections for electrical options : no tools needed
- › Quick removal of washable filter
- › Electric heater: no relay up to 2kW capacity
- › Electronic controller with water probe, available in standard, advanced and advanced plus version



INDOOR UNITS				2-PIPE							4-PIPE								
				FWM01DT	FWM02DT	FWM03DT	FWM04DT	FWM06DT	FWM08DT	FWM10DT	FWM01DF	FWM02DF	FWM03DF	FWM04DF	FWM06DF	FWM08DF	FWM10DF		
Cooling capacity	Total capacity	High	kW	1.54	2.09	2.93	4.33	4.77	6.71	8.02	1.46	1.90	2.87	4.33	4.67	6.64	7.88		
	Sensible capacity	High	kW	1.20	1.51	2.11	3.15	3.65	4.91	5.96	1.14	1.51	2.07	3.15	3.57	4.85	5.85		
Heating capacity	2-Pipe	High	kW	2.14	2.57	3.81	5.63	6.36	7.83	10.03	-								
	4-Pipe	High	kW	-							1.90	2.10	3.08	5.05	5.30	7.91	9.30		
Power input	High	W	37	53	56	98		137	175	37	53	56	98		137	175			
Dimensions	Unit	HxWxD	mm	535x584x224		535x794x224		535x1,004x224		535x1,214x249		535x584x224		535x794x224		535x1,004x224		535x1,214x249	
Weight	Unit		kg	14	15	19	23		32		15	16	20	25		34			
Heat exchanger	Water volume		l	0.5	0.7	1	1.4		2.1		0.5	0.7	1	1.4		2.1			
Additional heat exchanger	Water volume		l	-							0.2		0.3	0.4		0.6			
Water flow	Cooling		l/h	265	359	504	745	820	1,154	1,343	251	327	494	745	803	1,142	1,355		
	Heating		l/h	265	359	504	745	820	1,154	1,343	196	182	286	396	465	694	816		
Water pressure drop	Cooling		kPa	13		11	12	14	12	19	13		11	12	14	12	19		
	Heating		kPa	9	11	9		10	9	16	7	8	5	10		8	9		
Fan	Type			Centrifugal multi-blade, double suction							Centrifugal multi-blade, double suction								
	Air flow rate	High	m ³ /h	319	344	442	706	785	1,011	1,393	307	327	431	690	763	998	1,362		
Sound power level	High		dBA	45	50	47	52	56	58	64	45	50	47	52	56	58	64		
Piping connections	Drain	OD	mm	17							17								
Water connections	Std. heat exchanger		inch	1/2					3/4		1/2				3/4				
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230							1~ / 50 / 230								
Current input	High		A	0.17	0.24	0.25	0.44	0.43	0.60	0.76	0.17	0.24	0.25	0.44	0.43	0.60	0.76		



FWD04AT/AF



FWD04AT/AF



FWEC1,2,3A

- › Quick fixing system for wall or ceiling mounted installation
- › Straight duct connector is mounted to discharge side
- › Electronic controller with water probe, available in standard, advanced and advanced plus version
- › The air filter can easily be removed for cleaning



INDOOR UNITS				2-PIPE						4-PIPE							
				FWD04AT	FWD06AT	FWD08AT	FWD10AT	FWD12AT	FWD16AT	FWD18AT	FWD04AF	FWD06AF	FWD08AF	FWD10AF	FWD12AF	FWD16AF	FWD18AF
Cooling capacity	Total capacity	High	kW	3.90	6.20	7.80	8.82	11.90	16.40	18.30	3.90	6.20	7.80	8.82	11.90	16.40	18.30
	Sensible capacity	High	kW	3.08	4.65	6.52	7.16	9.36	12.80	14.10	3.08	4.65	6.52	7.16	9.36	12.80	14.10
Heating capacity	2-Pipe	High	kW	4.05	7.71	9.43	10.79	14.45	19.81	21.92	-						
	4-Pipe	High	kW	-						4.49							6.62
Power input	High	W	234	349	443	714	1,197	234	349	443	714	1,197					
Dimensions	Unit	HxWxD	mm	280x754x559	280x964x559	280x1,174x559	352x1,174x718	352x1,384x718	280x754x559	280x964x559	280x1,174x559	352x1,174x718	352x1,384x718				
Weight	Unit	kg	33	41	47	49	65	77	80	35	43	50	52	71	83	86	
Heat exchanger	Water volume	l	1.06	1.42	1.79	2.38	2.5	4.02	5.03	1.06	1.42	1.79	2.38	2.50	4.02	5.03	
Additional heat exchanger	Water volume	l	-						0.35	0.47	0.59	1.42	1.72				
Water flow	Cooling	l/h	674	1,064	1,339	1,514	2,056	2,833	3,140	674	1,064	1,339	1,514	2,056	2,833	3,140	
	Heating	l/h	674	1,064	1,339	1,514	2,056	2,833	3,140	349	581	808	1,392	1,856			
Water pressure drop	Cooling	kPa	17	24	16	26	34	45	17	24	16	26	34	45			
	Heating	kPa	14	20	13	21	28	37	9	15	13	12	16				
Fan	Type	Centrifugal multi-blade, double suction						Centrifugal multi-blade, double suction									
	Air flow rate	High	m ³ /h	800	1,250	1,600	2,200	3,000	800	1,250	1,600	2,200	3,000				
	Available pressure	High	Pa	66	58	68	64	97	145	134	63	53	63	59	92	138	128
Sound power level	High	dBA	66	69	72	74	78	66	69	72	74	78					
Piping connections	Drain	OD	mm	16						16							
Water connections	Std. heat exchanger	inch	3/4			1			3/4			1					
Power supply	Phase / Frequency / Voltage	Hz / V	1~ / 50 / 230						1~ / 50 / 230								
Current input	High	A	0.95	1.58	1.97	3.21	5.37	0.95	1.58	1.97	3.21	5.37					



FWT05,06BT



MÉRCA



SRC-COB/HPB



WRC-COB/HPB

- › Wide operating range
- › Easy installation and maintenance
- › 3-speed fan motor
- › Double-intake centrifugal fans
- › Excellent air flow and air distribution
- › Flexibility via interchangeable water connection side
- › High power air flow
- › Insulated with self-extinguishing class 1 heat insulation
- › Removable washable air filter (self-extinguishing class 1)
- › Slim and compact aesthetic design
- › Wireless remote control up to 9m distance, availability of a wired or simplified controller
- › LED indicator gives an indication on the (normal or wrong) operation of the unit



INDOOR UNITS				2-PIPE				
				FWT02BT	FWT03BT	FWT04BT	FWT05BT	FWT06BT
Cooling capacity	Total capacity	High	kW	2.34	2.78	3.22	4.54	5.28
	Sensible capacity	High	kW	1.74	2.03	2.35	3.65	4.33
Heating capacity	2-Pipe	High	kW	3.02	3.75	4.10	6.01	6.74
Power input	High		W	24	25	29	66	69
Dimensions	Unit	HxWxD	mm	260x799x198	260x899x198		304x1,062x222	
Weight	Unit		kg	10		12		16
	Operation weight		kg	10		13		17
Heat exchanger	Water volume		l	0.49		0.57		0.85
Water flow	Cooling		l/h	402	478	554	781	908
	Heating		l/h	402	478	554	781	908
Water pressure drop	Cooling		kPa	48.3	64.7	69.3	50.3	69.3
	Heating		kPa	42	58.6	60.6	50.6	70.6
Fan	Type			Direct drive cross flow fan				
	Air flow rate	High	m ³ /h	467	510	586	1,070	1,121
Sound power level	High		dBA	53		55	61	64
Sound pressure level	High		dBA	40	39	42	49	50
Piping connections	Drain	OD	mm	16			20	
Water connections	Std. heat exchanger		inch	1/2				
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240				
Current input	High		A	0.11		0.13	0.29	0.30



FWB04BT



FWEC1, 2, 3A

- › Low sound power levels and electrical absorption thanks to plastic impeller, ABS winding staircase and improved electric motor
- › Compact dimensions, can easily be mounted in a narrow ceiling void
- › 3, 4 or 6 stage row cooling coil
- › Drain pan to collect the condensate from: heat exchanger and regulating valves
- › 7-speed electrical motors (with thermal protection on windings)
- › All 7 speeds pre-wired in the factory in the terminal block of the switch box
- › The air filter can easily be removed for cleaning



INDOOR UNITS				2-PIPE								
				FWB02BT	FWB03BT	FWB04BT	FWB05BT	FWB06BT	FWB07BT	FWB08BT	FWB09BT	FWB10BT
Cooling capacity	Total capacity	High	kW	2.61	3.14	3.49	5.08	5.45	6.47	7.57	8.67	10.34
	Sensible capacity	High	kW	1.88	2.16	2.34	3.6	3.87	4.4	5.23	5.96	6.9
Heating capacity	2-Pipe	High	kW	5.47	6.01	6.47	10.31	11.39	12.28	15.05	16.85	18.78
	4-Pipe	High	kW	3.14			5.99			12.8		
Power input	High		W	79			154			294		
Dimensions	Unit	HxWxD	mm	239x1,039x609			239x1,389x609			239x1,739x609		
	Weight	Unit	kg	23	24	26	31	33	35	43	45	48
	Operation weight		kg	24	26	28	33	35	38	45	48	52
Heat exchanger	Water volume		l	1.1	1.5	2.2	1.6	2.1	3.2	2.1	2.8	4.2
Additional heat exchanger	Water volume		l	0.4			0.6			1.7		
Water flow	Cooling		l/h	448	539	598	873	936	1,111	1,299	1,488	1,774
	Heating		l/h	480	527	567	904	999	1,077	1,319	1,479	1,647
	Additional heat exchanger		l/h	275			526			1,123		
Water pressure drop	Cooling		kPa	8	14	11	15	8	14	21		26
	Heating		kPa	7	10	8	12	7	10	16	15	18
	Additional heat exchanger		kPa	3			5			8		
Fan	Type			Centrifugal - forward blades - directly coupled on fan motor								
	Air flow rate	High	m ³ /h	400			800			1,200		
	Available pressure	High	Pa	71			65			59		
Sound power level	High		dBA	56			59			69		
Sound pressure level	High		dBA	44.5			47.5			57.5		
Piping connections	Drain	OD	mm	16								
Water connections	Std. heat exchanger		inch	3/4								
	Add. heat exchanger		inch	3/4							1	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230								
Current input	High		A	0.36			0.73			1.28		



FWB02JT/JF



FWEC1, 2, 3A

- › Wide operating range
- › Quiet operation via enlarged fan wheels
- › Easy maintenance: filter can be removed from both sides and beneath (maximum filter size is 400mm)
- › Flexibility (2-pipe or 4-pipe)
- › 4-speed fan motor
- › Direct driven centrifugal fans
- › Flexibility via interchangeable water connection side
- › High power air flow
- › Available static pressure of 30 Pa
- › Extended drain pan as standard
- › Standard Filter
- › Standard Plenum
- › Insulated with self-extinguishing class 1 heat insulation
- › Electronic room thermostat



INDOOR UNITS				2-PIPE											4-PIPE							
				FWB02JT	FWB03JT	FWB04JT	FWB05JT	FWB06JT	FWB07JT	FWB08JT	FWB09JT	FWB10JT	FWB11JT	FWB02JF	FWB03JF	FWB04JF	FWB06JF	FWB07JF	FWB08JF	FWB10JF		
Indoor units				2-PIPE											4-PIPE							
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		
	Sensible capacity	High	kW	0.94	1.88	1.95	2.07	3.40	4.15	4.39	5.06	6.37	6.41	0.97	1.83	1.93	3.41	4.01	4.91	6.28		
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		
	4-Pipe	High	kW	-											2.49	3.92	4.43	6.70	8.16	9.56	11.68	
Power input	High	W	34	53	57	54	86	121	117	134	164	166	34	51	54	84	117	137	163			
Dimensions	Unit	HxWxD	mm	251x814x590	251x984x590	251x1,114x590		251x1,314x590	251x1,564x590			251x1,664x590	251x1,924x590		251x814x590	251x984x590	251x1,114x590	251x1,314x590	251x1,564x590	251x1,664x590	251x1,924x590	
Weight	Unit	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			
	Operation weight	kg	20.7	24.0	29.1	32.5	34.4	45.8	50.4	54.6	52.4	59.1	22.9	28.3	32.5	37.9	50.4	54.6	59.1			
Heat exchanger	Water volume	l	0.69	0.95	1.14	1.52	1.44	1.82	2.42	2.62	2.36	3.14	0.92	1.26	1.52	1.92	2.42	2.62	3.14			
Water flow	Cooling	l/h	386	549	739	803	1,022	1,109	1,383	1,523	1,764	1,910	386	530	724	986	1,138	1,296	1,660			
	Heating	l/h	386	549	738	802	1,020	1,107	1,336	1,524	1,764	1,911	387	530	725	985	1,139	1,299	1,660			
	Additional heat exchanger	l/h	-											269	391	493	663	820	924	1,142		
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			
	Additional heat exchanger	kPa	-											10.66	24.73	41.72	81.63	25.31	31.33	50.03		
Fan	Type	Direct driven centrifugal fan (forward-curved blades) hot-galvanised steel																				
	Air flow rate	High	m ³ /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	High	Pa	30											30							
Sound power level	High	dBA	47.5	52	49	50	52			55	55.5	56	47	52	50	52		55	56			
Sound pressure level	High	dBA	35.5	40	37	38	40		39.5	43	43.5	44	35	40	38	40	39.5	43	44			
Piping connections	Drain	OD	mm	714	884	1,014		1,214	1,464		1,564	1,824		714	884	1,014	1,214	1,464	1,564	1,824		
Water connections	Std. heat exchanger	inch	3/4											3/4								
Power supply	Phase / Frequency / Voltage	Hz / V	1 ~ / 50 / 220-240											1 ~ / 50 / 220-240								
Current input	High	A	0.15	0.24	0.26	0.25	0.39	0.55	0.53	0.61	0.75		0.15	0.23	0.25	0.38	0.53	0.62	0.74			



FWC-BT/BF



BRC315D7



BRC7E532F



- > 360° air discharge ensures uniform air flow and temperature distribution
- > Modern style decoration panel in white (RAL9010)
- > Fresh air intake for healthy living
- > Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- > Possibility to shut 1 or 2 flaps for easy installation in corners
- > Standard drain pump with 850mm lift



INDOOR UNITS				2-PIPE				4-PIPE			
				FWC06BT	FWC07BT	FWC08BT	FWC09BT	FWC06BF	FWC07BF	FWC08BF	FWC09BF
Cooling capacity	Total capacity	High	kW	5.0	5.6	6.3	7.2	4.9	5.6	6.3	7.2
	Sensible capacity	High	kW	3.4	4.0	4.5	5.3	3.4	3.9	4.4	5.2
Heating capacity	2-Pipe	High	kW	6.3	7.1	8.3	9.5	-			
	4-Pipe	High	kW	-				6.2	6.8	7.8	8.8
Power input	High		W	40	46	58	76	41	47	59	77
Dimensions	Unit	HxWxD	mm	288x840x840				288x840x840			
Weight	Unit		kg	26				29		-	
Water pressure drop	Cooling		kPa	15	19	26	34	15	19	25	32
	Heating		kPa	15	19	26	34	24	30	38	47
Fan	Type			Turbo fan				Turbo fan			
	Air flow rate	High	m ³ /h	1,062	1,236	1,518	1,776	1,032	1,200	1,476	1,746
Sound power level	High		dB(A)	42	44	48	53	40	42	46	51
Sound pressure level	High		dB(A)	27	30	34	39	27	29	33	38
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240				1~/50/220-240			



FWF-BT/BF



BRC315D7



BRC7E532F

- › Modern stylish decoration panel in white (RAL9010)
- › Fresh air intake kit available
- › Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling
- › Possibility to close 1 or 2 flaps for different air flow patterns
- › Drainpump standard mounted (lift: 750mm)



INDOOR UNITS				2-PIPE				4-PIPE			
				FWF02BT	FWF03BT	FWF04BT	FWF05BT	FWF02BF	FWF03BF	FWF04BF	FWF05BF
Cooling capacity	Total capacity	High	kW	1.7	2.8	3.3	4.0	1.7	2.3	2.8	3.5
Sensible capacity				1.3	1.7	2.1	2.7	1.3	1.3	1.7	2.3
Heating capacity	2-Pipe	High	kW	2.6	3.4	4.1	5.3	-			
	4-Pipe	High	kW	-							
Power input	High		kW	67		70	89	67	62	74	93
Dimensions	Unit	HxWxD	mm	285x575x575				285x575x575			
Weight	Unit		kg	19	19	19	19	19	20	20	20
Water pressure drop	Cooling		kPa	6	19	31	42	6	13	21	33
	Heating			6	19	31	42	12	6	9	13
Fan	Type			Turbo fan				Turbo fan			
	Air flow rate	High	m ³ /h	468	468	660	876	468	438	618	822
Sound power level	High		dBA	42	42	45	49	42	44	48	52
Sound pressure level	High		dBA	28	28	34	40	28	30	36	42
Power supply	Phase / Frequency / Voltage	Hz / V		1~ / 50 / 220-240				1~ / 50 / 220-240			

* Height includes switch box





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. 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. Multi units are Eurovent certified for combinations up to 2 indoor units.

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