



AC fan motor unit for ceiling mounting. 8-way air discharge

Control system

- Wireless remote controller is standard
- Auto reset, operation mode control; with room sensor & coil sensor
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board

Design features

Aesthetic panel design, in ABS material; curved round corners and 3D squares leather pattern which make the panel looks on a high level and can match a variety of decoration styles; digital display on the panel and using the current most popular light transmittance design; the panel and the unit are connected by 4 angle buckles, making installation and maintenance more convenient; 8-way air outlet design can reduce the indoor air supply resistance and send the air to every corners very quickly, which can make the room temperature more uniform and realizing the low-noise operation as

Air filter

Synthetic removable and washable

Galvanized steel with pre-formed expanded polystyrene air passages

Copper tube and hydrophilic AL fins with air vent valve

Thermoforming high density expanded polystyrene condensate drain pan



850mm head drain pump, with no return valve and float switch

Centrifugal fan

Control system

Main board, transformer, built-in or built-out electric control box

Wired wall controller, RS485 ModBus, master-slave network control, 2-way

Performance data (2 pipes)

Model			FCU170	FCU204	FCU238			
Air flow	CITY (A	m³/h	1700	2040	2380			
T-4-1 B- A.C.	100	Н	9000	10800	12600			
Total cooling capacity W		M	7110	8532	9954			
vv in	,	L	4860	5832	6804			
Sensible cooling	canacity.	HC//	7020	8424	9828			
N	apacity	M	5546	6655	7764			
rv	20,	GV. F	3791	4549	5307			
Hosting capacity		χ0° Η	13500	16200	18900			
Heating capacity W		M	10800	12960	15120			
		L 60	7155	8586	10017			
Vater flow rate	₅₀ 0	m³/h	1.548	1.8576	2.1672			
Water pressure drop kPa		kPa	35	38	45			
Vater connection	pipe		, O, , , , , , , , , , , , , , , , , ,	3/4" (DN20)	(0)			
Condensed water	pipe		24/.	Ф26				
ower Input	ω() 	W W	128	152	198			
	Panel	Material/thickness	X8.	ABS 4mm				
hell	Metal shell	Material/thickness	80g g		nized sheet, 1.2mm base plate, 0.9mm side plate			
	Drain pan	Material/thickness	*O	Polystyrene flame retardant 35kg/m3	ame retardant 35kg/m3			
an	Impeller	mm (O	10,	480	'Q'.			
200	Aluminum thickness	mm (0.12	CO. XO.			
ioil	Copper pipe	pcs	16	18	20			
.Oii	Water circuit		20	4in/4out	(a)			
	L*W*Thickness (b	pefore bend) mm	2,0	2090*250*43				
Sound pressure		dB(A)	47	49	52			
Jnit dimension 🖯	(mm	3.0	950*950*320	V			
anel dimension		mm	(a) (b)	950*950*30	c/\			
loisting dimension	on	mm	300	890*420	·V			
ackin <mark>g dim</mark> ensio	n N	mm ()	1/1/2	1000 *100 0*380	, c,			
Net weight	(0)	kg	33	34 35				
		kg	36	37	38			

- 1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7°C/12°C.
 2. Heating: inlet air temp. DB21°C, water inlet temp. 60°C; same water flow rate as for the cooling.
- 3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.





EC fan motor unit for ceiling mounting. Continuous air flow regulation and fan speed modulation

Control system

- Wireless remote controller is standard
- Auto reset, operation mode control; with room sensor & coil sensor
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board

Design features

Aesthetic panel design, in ABS material; curved round corners and 3D squares leather pattern which make the panel looks on a high level and can match a variety of decoration styles; digital display on the panel and using the current most popular light transmittance design; the panel and the unit are connected by 4 angle buckles, making installation and maintenance more convenient; 8-way air outlet design can reduce the indoor air supply resistance and send the air to every corners very quickly, which can make the room temperature more uniform and realizing the low-noise operation as

Air filter

Synthetic removable and washable

Galvanized steel with pre-formed expanded polystyrene air passages

Copper tube and hydrophilic AL fins with air vent valve

Thermoforming high density expanded polystyrene condensate drain pan



850mm head drain pump, with no return valve and float switch

Centrifugal fan

Control system

Main board, transformer, built-in or built-out electric control box

Wired wall controller, WIFI, RS485 ModBus, master-slave network control, 2-way valve, 3-way valve, electric heater

Performance data (2 pipes)

Model		FCU170	FCU204	FCU238			
Air flow	W. W.	m³/h	1700	2040	2380		
T	100	Н	9000	10800	12600		
Total cooling cap	acity	M	7110	8532	9954		
W		L	4860	5832	6804		
Consible socies	anna situ	H ₂ /	7020	8424	9828		
Sensible cooling capacity W		M	5546	6655	7764		
VV	V.O.	00° L	3791	4549	5307		
Heating conscitu	-0/4.	X0. H	13500	16200	18900		
Heating capacity W		M	10800	12960	15120		
M		L 80	7155	8586	10017		
Water flow rate	(0)	m³/h	1.548	1.8576	2.1672		
Water pressure drop kPa		kPa	35	38	45		
Water connection pipe			Cr. Ollin	3/4" (DN20)	(0)		
Condensed wate	r pipe	()	200	Ф26	.,(0)		
Power Input	Power Input W		128	152	198		
	Panel	Material/thickness	70.	ABS 4mm			
Shell	Metal shell	Material/thickness	80g g	Ivanized sheet, 1.2mm base plate, 0.9mm side plate			
	Drain pan	Material/thickness	4000	Polystyrene flame retardant 35kg/m3	c/\		
Fan	Impeller	mm 🔬 🗢	160	480	'W., GO,		
2///	Aluminum thickness	mm (^	0.12	€0. ×9.		
Coil	Copper pipe	pcs	16	18	20		
COII	Water circuit		20	4in/4out			
11.	L*W*Thickness (b	efore bend) mm	V.A.	2090*250*43	() () () () () () () () () ()		
Sound pressure		dB(A)	45	47	50		
Unit dimension	()	mm	2.0	950*950*320	**		
Panel dimension		mm 🕠	No.	950*950* 30	C/L		
Hoisting dimensi	on	mm	3000	890*420	V VV.		
Packing dimension	on	mm ()	11/4	1000*1000*380	0, 0,		
Net weight	(0)	kg	33	34	35		
Packing weight	3,000	kg	36	37	38		

- 1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7°C/12°C.
 2. Heating: inlet air temp. DB21°C, water inlet temp. 60°C; same water flow rate as for the cooling.
- 3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.





AC fan motor unit for ceiling mounting. 8-way air discharge

Control system

- Wireless remote controller is standard
- Auto reset, operation mode control; with room sensor & coil sensor
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board

Design features

Aesthetic panel design, in ABS material; curved round corners and 3D squares leather pattern which make the panel looks on a high level and can match a variety of decoration styles; digital display on the panel and using the current most popular light transmittance design; the panel and the unit are connected by 4 angle buckles, making installation and maintenance more convenient; 8-way air outlet design can reduce the indoor air supply resistance and send the air to every corners very quickly, which can make the room temperature more uniform and realizing the low-noise operation as

Air filter

Synthetic removable and washable

Galvanized steel with pre-formed expanded polystyrene air passages

Copper tube and hydrophilic AL fins with air vent valve

Thermoforming high density expanded polystyrene condensate drain pan



850mm head drain pump, with no return valve and float switch

Centrifugal fan

Control system

Main board, transformer, built-in or built-out electric control box

Wired wall controller, RS485 ModBus, master-slave network control, 2-way

Performance data (4 pipes)

Model			FCU170	FCU204	FCU238		
Air flow	(V)	m³/h	1700	2040	2380		
T. 4.1 15. A.C.	100	Н	4500	5400	6300		
Total cooling capacity W		M	3555	4266	4977		
		L	2430	2916	3402		
ممناهمه ماطنعم	anna situ	H()\	3510	4212	4914		
Sensible cooling capacity W		M	2773	3327	3882		
		O. F	1895	2274	2654		
looting conscitu	-0/4.	X0. H	6750	8100	9450		
Heating capacity W		M	5333	6399	7466		
		L 60	3645	4374	5103		
Nater flow rate	×0°	m³/h	0.774	0.9288	1.0836		
Water pressure drop kPa		kPa	35	38	45		
Water connection	n pipe		C1.	3/4" (DN20)	(0)/		
Condensed water pipe			34.	Ф26			
Power Input	-A	W	128	152	198		
	Panel	Material/thickness	10.	ABS 4mm			
shell	Metal shell	Material/thickness	₩ 80g g	vani zed sheet, 1.2mm base plate , 0.9mm side plate			
	Drain pan	Material/thickness	***	Polystyrene flame retardant 35kg/m3			
an	Impeller	mm 😥	11/4	480	W. CO.		
2011	Aluminum thickness	mm (C)	^	0.12	CO. XQ.		
Coil	Copper pipe	pcs	16	18	20		
_OII	Water circuit		20	4in/4out	A. O		
	L*W*Thickness (b	pefore bend) mm	V. O.	2090*250*43	, 00		
Sound pressure		dB(A)	47	49	52		
Jnit dimension	()	mm	3.0	950*950*320	7-		
Panel dimension		mm	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	950*950*30	C/L		
loisting dimension	on	mm	1000	890*420	A		
Packing dimension	n	mm (0)	160	1000*1000*380	<u> </u>		
Net weight	(0)	kg	33	34	35		
Packing weight	3,000	kg	36	37	A 38		

- 1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7°C/12°C.
 2. Heating: inlet air temp. DB21°C, water inlet temp. 60°C; same water flow rate as for the cooling.
- 3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.





EC fan motor unit for ceiling mounting. Continuous air flow regulation and fan speed modulation

Control system

- Wireless remote controller is standard
- Auto reset, operation mode control; with room sensor & coil sensor
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board

Design features

Aesthetic panel design, in ABS material; curved round corners and 3D squares leather pattern which make the panel looks on a high level and can match a variety of decoration styles; digital display on the panel and using the current most popular light transmittance design; the panel and the unit are connected by 4 angle buckles, making installation and maintenance more convenient; 8-way air outlet design can reduce the indoor air supply resistance and send the air to every corners very quickly, which can make the room temperature more uniform and realizing the low-noise operation as

Air filter

Synthetic removable and washable

Galvanized steel with pre-formed expanded polystyrene air passages

Copper tube and hydrophilic AL fins with air vent valve

Thermoforming high density expanded polystyrene condensate drain pan



850mm head drain pump, with no return valve and float switch

Centrifugal fan

Control system

Main board, transformer, built-in or built-out electric control box

Wired wall controller, WIFI, RS485 ModBus, master-slave network control, 2-way valve, 3-way valve, electric heater

Performance data (4 pipes)

Model		FCU170	FCU204	FCU238			
Air flow	W. (9)	m³/h	1700	2040	2380		
T	:00	Н	4500	5400	6300		
Total cooling cap	acity	M	3555	4266	4977		
W		L	2430	2916	3402		
Consible socies	conneits:	HC/	3510	4212	4914		
Sensible cooling W	сарасну	M	2773	3327	3882		
VV	· C,	GV L	1895	2274	2654		
Heating conscitu	-0//-	X0. H	6750	8100	9450		
Heating capacity W		M	5333	6399	7466		
VV		L 80	3645	4374	5103		
Water flow rate	(00	m³/h	0.774	0.9288	1.0836		
Water pressure drop kPa		35	38	45			
Water connection pipe			Ch.	3/4" (DN20)	(0)		
Condensed wate	r pipe	-(1	3(1)	Ф26	.,00		
Power Input	ower Input W		128	152	198		
	Panel	Material/thickness	XS	ABS 4mm			
Shell	Metal shell	Material/thickness	80g g	galvanized sheet, 1.2mm base plate, 0.9mm sid	le plate		
	Drain pan	Material/thickness	200	Polystyrene Flame retardant 35kg/m3	·0.		
Fan	Impeller	mm 🔬 🗢	11/1,	480	· V. CO.		
2///	Aluminum thickness	mm (^	0.12	CO* XØ-		
Coil	Copper pipe	pcs	16	18	20		
COII	Water circuit		·U	4in/4out	A. O. C.		
11.	L*W*Thickness (b	pefore bend) mm	3.9	2090*250*43	N N		
Sound pressure		dB(A)	45	47	50		
Unit dimension	()	mm	3.0	950*950*320			
Panel dimension	, , ,	mm 🕠	W.	950*950* 30	C/V		
Hoisting dimensi	on	mm	3000	890*420	Λ·		
Packing dimension	on	mm ()	114.	1000 *100 0*380	0, 0,		
Net weight	(0)	kg	33	34	35		
Packing weight	3(0-	kg	36	37	A 38		

- 1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7°C/12°C.
 2. Heating: inlet air temp. DB21°C, water inlet temp. 60°C; same water flow rate as for the cooling.
- 3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.





AC fan motor unit for ceiling mounting. 4-way air discharge

Control system

- Wireless remote controller is standard
- Auto reset, operation mode control; with room sensor & coil sensor
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board

Design features

Suitable for hot/chilled water system, ceiling installation

Unit body

Made of galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel assembly

Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic wheel-quite running

One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors

High efficiency coil

Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.



Condensate drain pan

In thermoforming high quality density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and float switch

850mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Optional

Wired wall controller, RS485 ModBus, master-slave network control, 2-way valve, 3-way valve, electric heater

Performance data (2 pipes)

Model	W. (9	0	FCU34	FCU51	FCU68	FCU85	FCU102	FCU136	FCU170	FCU204	FCU238
Air flow	, 100	m³/h	340	510	680	850	1020	1360	1700	2040	2380
Total coaling co	a city	Н	1800	2700	3600	4500	5400	7200	9000	10800	12600
Total co <mark>oling</mark> cap W	delly	М	1422	2133	2844 - 0	3555	4266	5688	7110	8532	9954
VV		LOV.	972	1458	1944	2430	2916	3888	4860	5832	6804
Tanadala aa abaa		"((H	1404	2106	2808	3510	4212	5616	7020	8424	9828
Sensible cooling	capacity	C _D .W	1109	1664	2218	2773	3327	4437	5546	6655	7764
W		χ⊘.* L	758	1137	1516	1895	2274	3033	3791	4549	5307
Heating capacity W		(√ H	2700	4050	5400	6750	8100	10800	13500	16200	18900
		M	2160	3240	4320	5400	6480	8640	10800	12960	15120
IV M	(0)	L :07°	1431	2146.5	2862	3577.5	4293	5724	7155	8586	10017
Water flow rate		m³/h	0.3096	0.4644	0.6192	0.774	0.9288	1.2384	1.548	1.8576	2.1672
Water pressure drop		kPa	14	18	22	26	33	34	35	38	45
Water connection pipe				,	c0'	•	3/4" (DN20)	200		:00	
Condensed water pipe		CV.	~0/		LA.	Δ.	Ф26	(0)/		10	
Power input	C/L	W W	50	50	58	72	92	126	128	152	198
·	Panel	Material/thickness	ABS 4mm						•	_	
Shell	Metal shell	Material/thickness	80q qalvanized sheet, 1.2mm base plate, 0.9mm side plate								
	Drain pan	Material/thickness				Polystyrene flame retardant 35kg/m3			0,00		
an	Impeller	mm.		315			380		7(1,	480	_
08°	Aluminum thickness	mm			-10	0.12			G.	7.0.	
	Copper pipe	pcs	12	14	16	14	16	18	16	18	20
Zoil	Water circuit		C()	3in/3out	-0//		V	4in/	4out	(A) 0	
	L*W*Thickness (b	efore bend) mm	.A.	1150*200*43	7.0	1/10	1680*225*43	(A)0		2090*250*43	
Voise		dB(A)	-037	39	41	43	45	46	47	49	52
Jnit dimension	-77	mm	λ.Υ	650*650*300	•	(0)/	800*800*310	(1)		950*950*320	
anel dimension	LA.	mm 📣		650*650*30		300	800*800*30			950*950*30	C/,
Hoisting dimens	ion	mm 🧬		620*250		1,0	760*340		Δ.	890*420	1.
Packing dimensi	on	mm (0)		720*720*360			860*860*370		0,	1000*1000*380	
Net weight	(0)	kg	18	19	20	26	O 27	28	33	34	35
Packing weight	3,00	ka	20	21	- 22	28.5	29.5	30.5	36	37	38

- 1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7° C/12°C.
- 2. Heating: inlet air temp. DB21°C, water inlet temp. 60°C; same water flow rate as for the cooling.
- 3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.





EC fan motor unit for ceiling mounting. Continuous air flow regulation and fan speed modulation

Control system

- Wireless remote controller is standard
- Auto reset, operation mode control; with room sensor & coil sensor
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board

Design features

Suitable for hot/chilled water system, ceiling installation

Unit body

Made of galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel assembly

Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic wheel-quite running

One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors

High efficiency coil

Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.



Condensate drain pan

In thermoforming high quality density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and float switch

850mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Ontiona

Wired wall controller, WIFI, RS485 ModBus, master-slave network control, 2-way valve, 3-way valve, electric heater

Performance data (2 pipes)

Model	UI (4)	000	FCU34	FCU51	FCU68	FCU85	FCU102	FCU136	FCU170	FCU204	FCU238
Air flow	100	m³/h	340	510	680	850	1020	1360	1700	2040	2380
Total coaling con	a city	Н	1800	2700	3600	4500	5400	7200	9000	10800	12600
Total cooling cap W	acity	M	1422	2133	2844 - 0	3555	4266	5688	7110	8532	9954
VV		FO),	972	1458	1944	2430	2916	3888	4860	5832	6804
Cancilala caclina	annadin A	A()H	1404	2106	2808	3510	4212	5616	7020	8424	9828
Sensible cooling W	Сарасну	GV. W	1109	1664	2218	2773	3327	4437	5546	6655	7764
VV	off).	χ⊘. L	758	1137	1516	1895	2274	3033	3791	4549	5307
Heating conscient		M H	2700	4050	5400	6750	8100	10800	13500	16200	18900
Heating capacity W		M	2160	3240	4320	5400	6480	8640	10800	12960	15120
W		L 10/10	1431	2146.5	2862	3577.5	4293	5724	7155	8586	10017
Water flow rate		m³/h	0.3096	0.4644	0.6192	0.774	0.9288	1.2384	1.548	1.8576	2.1672
Water pressure drop kPa		kPa	14	18	22	26	33	34	35	38	45
Water connection pipe		_	W.		60,	-	3/4" (DN20)	-0(/		100	
Condensed water pipe		C/,	CO.,		10.		Ф26	(0)/		101	
Power Input	Power Input W		50	50	58	72 (1)	92	126	128	152	198
	Panel	Material/thickness	ABS 4mm						-0		
Shell	Metal shell	Material/thickness	11,	(0)	80g ga	Ivanized sheet	, 1.2mm base p	late, 0.9mm sid	de plate		
x0.	Drain pan	Material/thickness				Polystyren	e flame re <mark>tarda</mark> ı	flame retardant 35kg/m3			
Fan	Impeller	mm,		315			380			480)
	Aluminum thickness	mm \\			Ω.,	0.12			0	7,0	
Coil	Copper pipe	pcs	12	14	16	14	16	18	16	18	20
COII	Water circuit		C()	3in/3out	-0//	0	, V	4in/	4out	(1)	33
//	L*W*Thickness (b	pefore bend) mm	Δ.	1150*200*43	200	200	1680*225*43	(3)		2090*250*43	\
Noise	^	dB(A)	35	37	39	41	43	44	45	47	50
Unit dimension (mm	λ.Υ	650*650*300		(0),	800*800*310	U.		950*950*320	
Panel dimension	Va.	mm 📣		650*650*30		300	800*800*30			950*950*30	C/,
Hoisting dimensi	on	mm A		620*250	,	1	760*340	_	. ^	890*420	7.
Packing dimension	on	mm ()		720*720*360		860 *860* 370			1000*1000*380		
Net weight	(0)	kg	18	19	20	26	0 27	28	33	34	35
Packing weight		kg	20	21	22	28.5	29.5	30.5	36	37	38

- 1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7°C/12°C.
- 2. Heating: inlet air temp. DB21°C, water inlet temp. 60°C; same water flow rate as for the cooling.
- 3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.





AC fan motor unit for ceiling mounting. 4-way air discharge

Control system

- Wireless remote controller is standard
- Auto reset, operation mode control; with room sensor & coil sensor
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board

Design features

Suitable for hot/chilled water system, ceiling installation

Unit body

Made of galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel assembly

Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic wheel-quite running

One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors

High efficiency coil

Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.



Condensate drain pan

In thermoforming high quality density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and float switch

850mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Optional

Wired wall controller, RS485 ModBus, master-slave network control, 2-way valve, 3-way valve, electric heater

Performance data (4 pipes)

Model	M. A	100	FCU34	FCU51	FCU68	FCU85	FCU102	FCU136	FCU170	FCU204	FCU238	
Air flow	100	m³/h	340	510	680	850	1020	1360	1700	2040	2380	
Total coaling con	a city	Н	900	1350	1800	2250	2700	3600	4500	5400	6300	
Total cooling capacity		M	711	1066.5	1422 -0	1777.5	2133	2844	3555	4266	4977	
VV		FC),	486	729	972	1215	1458	1944	2430	2916	3402	
Canadala analisa		_((H	702	1053	1404	1755	2106	2808	3510	4212	4914	
Sensible cooling	capacity	O.W	555	832	1109	1386	1664	2218	2773	3327	3882	
W .		XO: L	379	569	758	948	1137	1516	1895	2274	2654	
I la satis a sa sa sa stano	0	∭ H	1350	2025	2700	3375	4050	5400	6750	8100	9450	
Heating capacity		M	1067	1600	2133	2666	3200	4266	5333	6399	7466	
VV		L :00°	729	1093.5	1458	1822.5	2187	2916	3645	4374	5103	
Water flow rate		m³/h	0.1548	0.2322	0.3096	0.387	0.4644	0.6192	0.774	0.9288	1.0836	
Water pressure drop		kPa	14	18	22	26	33	34	35	38	45	
Water connection pipe				,	c0,	•	3/4" (DN20)	20		:00		
Condensed water pipe		C)/,	~0/		UA.	O.	Ф26	(0)/	_	10		
Power Input	C/V	W	50	50	58	72	92	126	128	152	198	
·	Panel	Material/thickness	ABS 4mm						•			
Shell	Metal shell	Material/thickness	11.	80g galvanized sheet, 1.2mm base plate, 0.9mm sig						de plate		
	Drain pan	Material/thickness				Polystyrene flame retardant 35kg/m3			- C			
Fan	Impeller	mm. A		315			380		7(1,	480		
90°	Aluminum thickness	mm \\			75		0.12		0	170		
0-1	Copper pipe	pcs	12	14	16	14	16	18	16	18	20	
Coil	Water circuit		-C()	8in/8out	-0//		9in/9out	-4/4		10in/10out		
	L*W*Thickness (b	pefore bend) mm		1150*200*43	70	1/10	1680*225*43	(9)		2090*250*43		
Noise level		dB(A)	-0 37	39	41	43	45	46	47	49	52	
Unit dimension (, (C	mm	λ.Υ	650*650*300	•	(0)/	800*800*310	(1)		950*950*320		
Panel dimension	LO.	mm		650*650*30	_	.400	800*800*30	-		950*950*30	CZ,	
Hoisting dimensi	on	mm and		620*250	1		760*340	-	Δ.	890*420	7.	
Packing dimension	on	mm (0)		720*720*360		860 *860* 370			1000*1000*380			
Net weight	(0)	kg	18	19	20	26	27	28	33	34	35	
Packing weight	200	kg	20	21	22	28.5	29.5	30.5	36	37	38	

- 1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7°C/12°C.
- 2. Heating: inlet air temp. DB21°C, water inlet temp. 60°C; same water flow rate as for the cooling.
- 3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.





EC fan motor unit for ceiling mounting. Continuous air flow regulation and fan speed modulation

Control system

- Wireless remote controller is standard
- Auto reset, operation mode control; with room sensor & coil sensor
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board

Design features

Suitable for hot/chilled water system, ceiling installation

Unit body

Made of galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel assembly

Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic wheel-quite running

One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors

High efficiency coil

Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.



Condensate drain pan

In thermoforming high quality density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and float switch

850mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Ontiona

Wired wall controller, WIFI, RS485 ModBus, master-slave network control, 2-way valve, 3-way valve, electric heater

Performance data (4 pipes)

Model			FCU34	FCU51	FCU68	FCU85	FCU102	FCU136	FCU170	FCU204	FCU238
Air flow	606	m³/h	340	510	680	850	1020	1360	1700	2040	2380
Total cooling capa	, city	Н	900	1350	1800	2250	2700	3600	4500	5400	6300
1,((),)	icity	M	711	1066.5	1422 -0	1777.5	2133	2844	3555	4266	4977
W		FC),	486	729	972	1215	1458	1944	2430	2916	3402
Canadala analisana		, (H	702	1053	1404	1755	2106	2808	3510	4212	4914
Sensible cooling o	apacity	C _O , W	555	832	1109	1386	1664	2218	2773	3327	3882
VV		x0. L	379	569	758	948	1137	1516	1895	2274	2654
I la setta a casa a sterio	6	(N° H	1350	2025	2700	3375	4050	5400	6750	8100	9450
Heating capacity		M	9 1067	1600	2133	2666	3200	4266	5333	6399	7466
VV		L ::07°	729	1093.5	1458	1822.5	2187	2916	3645	4374	5103
Water flow rate	:.070	m³/h	0.1548	0.2322	0.3096	0.387	0.4644	0.6192	0.774	0.9288	1.0836
Water pressure dr	ор	kPa	14	18	22	26	33	34	35	38	45
Water connection pipe			.0.3	,	c0'		3/4" (DN20)	770	**	400	•
Condensed water pipe		$C_{Z_{s}}$	c0\	_	VA.	Ó	Ф26	(0)	_	11/11	
Power Input	C/	. W	50	50	58	72	92	126	128	152	198
40.	Panel	Material/thickness	ABS 4mm								
Shell c	Metal shell	Material/thickness	80g galvanized sheet, 1.2mm base plate, 0.9mm side plate							70.	
	Drain pan	Material/thickness		Polystyrene flame retardant 35kg/m3							VIII.
Fan	Impeller	mm A		315			380			480	,~
00°	Aluminum thickness	mm \			-0	•	0.12		C	7.0.	
a (0)	Copper pipe	pcs	12	14	16	14	16	18	16	18	20
Coil	Water circuit	,	20	8in/8out	-0//		9in/9out	-177		10in/10out	
	L*W*Thickness (b	pefore bend) mm		1150*200*43	70-	1/4	1680*225*43	00		2090*250*43	
Noise level		dB(A)	35	37	39	41	43	44	45	47	50
Unit dimension	7	mm	λ.Υ	650*650*300	•	(0)/	800*800*310	100		950*950*320	
Panel dimension		mm 📣		650*650*30		30	800*800*30	3		950*950*30	C),
Hoisting dimension	on .	mm		620*250			760*340	_	Δ.	890*420	7.
Packing dimensio	n	mm (0)		720*720*360			860*860*370		0,	1000*1000*386	0
Net weight	_((()))**	kg	18	19	20	26	0 27	28	33	34	35
Packing weight	700	kg	20	21	22	28.5	29.5	30.5	36	37	38
Pomarke:	///			•	1,0	Ö	,	XO.	•	20,	

- 1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7° C/12°C.
- 2. Heating: inlet air temp. DB21°C, water inlet temp. 60°C; same water flow rate as for the cooling.
- 3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.





AC fan motor unit for ceiling mounting. 2-way air discharge

Control system

- Wireless remote controller is standard
- Auto reset, operation mode control; with room sensor & coil sensor
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board

Design features

Suitable for hot/chilled water system, ceiling installation

Unit body

Made of galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel assembly

Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic wheel-quite running

One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors

High efficiency coil

Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.



Condensate drain pan

In thermoforming high quality density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and float switch

850mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Ontiona

Wired wall controller, RS485 ModBus, master-slave network control, 2-way valve, 3-way valve, electric heater

Performance data (2 pipes)

	700		FELLS	FELIOR	55114.00	FOULDS		
Model	2C (C	3.0	FCU68	FCU85	FCU102	FCU136		
Air flow	(0)	m³/h	680	850	1020	1360		
Total cooling ca	apacity	Н	3600	4500	5400	7200		
W		М	2844	3555	4266	5688		
**		F0).	1944	2430	2916	3888		
Sensible coolin	g capacity	Z(H	2808	3510	4212	5616		
W	g capacity	GV. W			3327	4437		
**	- O(),	χ⊘. L	1516	1895	2274	3033		
Heating capacity W		M H	5500	6750	8100	10800		
		M (O	4400	5400	6480	8640		
		L 10/10	2915	3578	4293	5724		
Water flow rate	:010	m³/h	0.62	0.776	0.93	1.245		
Water pressure	drop	kPa	_11	13	16	20		
Water connecti	on pipe			3/4"	(DN20)	£000		
Condensed wat	ter pipe	C),	~O'	70°	D26	10,		
Power Input	C/V	-(/, W	64	70 (0)	85	110		
	Panel	Material/thickness	1/4	. ^				
Shell	Metal shell	Material/thickness	(0)	m base plate, 0.9mm side plate	, , , ,			
	Drain pan	Material/thickness			e retardant 35kg/m3	764		
Fan 📣	Impeller	mm	φ145*160	φ14	45*190	φ150*200		
00V	Aluminum thickness	mm \\			0.12	20		
0-0	Copper pipe	pcs	18	20	22 👋	24		
Coil	Water circuit		-C()	3in/3out	"(Lee	4in/4out		
	L*W*Thickness (b	pefore bend) mm		893*	*200*65	100		
Noise level		dB(A)	42	43	45	46		
Unit dimension	(C)	mm a	i v	1259*	680*340			
Panel dimensio	n	mm 💉	(1)	1240	*680*30	GV.		
Hoisting dimen	ision	mm A	£0°		72*475			
Packing dimens		mm (0)	1/4/2	1270*	*730*400			
Net weight	(8)	kg	63	64	64.5	65		
Packing weight	102	kg	66	67	67.5	68		

- 1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7° C/12°C.
- 2. Heating: inlet air temp. DB21°C, water inlet temp. 60°C; same water flow rate as for the cooling.
- 3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.





EC fan motor unit for ceiling mounting. Continuous air flow regulation and fan speed modulation

Control system

- Wireless remote controller is standard
- Auto reset, operation mode control; with room sensor & coil sensor
- Daily timer or weekly timer
- Auto-diagnose, protections and error code display; jumpers configurations on electronic board

Design features

Suitable for hot/chilled water system, ceiling installation

Unit body

Made of galvanized steel, with pre-formed expanded polystyrene air passages suitable shaped to allow passage of air, thickness enough for thermal and acoustical insulation.

Panel assembly

Aesthetic panel design, in ABS material with synthetic washable and removal air filter, auto-swing.

Plastic wheel-quite running

One-time injection forming, no welding between the fan blades and inlet cone/end plate, it makes the wheel good balancing; an anti-vibration rubber is installed on the hub to ensure less vibration, low noise on the wheels and motors

High efficiency coil

Coil are made of copper tubes and high exchange surface area aluminum blue fins. All coils are 100% tested against leaks by 16bar(1.6MPa) air pressure.



Condensate drain pan

In thermoforming high quality density expanded polystyrene, covered with a vacuum forming polyvinyl chloride, fitted with a condensates draining pump and a safety float.

Drain pump and float switch

850mm head drain pump with no return valve is installed in the unit; an float switch inside as well to prevent from leaking. If the water raising to a certainly position, the float switch will act and alarm, then the unit will cut off the water valve or stop the fan motor.

Optiona

Wired wall controller, WIFI, RS485 ModBus, master-slave network control, 2-way valve, 3-way valve, electric heater

Performance data (2 pipes)

Model			FCU68	FCU85	FCU102	FCU136			
Air flow	606	m³/h	680	850	1020	1360			
Total coaling con	a city	Н	3600	4500	5400	7200			
Total cooling cap	acity	M	2844	3555	4266	5688			
W		FC),	1944	2430	2916	3888			
Constitute and the second		_((H	2808	3510	4212	5616			
Sensible cooling W	capacity	C _O , W	2218	2773	3327	4437			
VV		x0. L	1516	1895	2274	3033			
Heating capacity		(N° H	5500	6750	8100	10800			
		M 60	4400	5400	6480	8640			
W		L :://o	2915	3578	4293	5724			
Water flow rate	://	m³/h	0.62	0.776	0.93	1.245			
Water pressure d	rop	kPa	-11	. 13	16	20			
Water connection	n pipe		.A.*	3/4"	(DN20)	1000			
Condensed water	r pipe	0/,	CO.	10.	026	10,			
Power Input	C//	W W	64	70	85	110			
	Panel	Material/thickness	VI. Salar	4mm	-0				
Shell	Metal shell	Material/thickness	(0)	80g galvanized sheet, 1.2mr	n base plate, 0.9mm side plate	base plate, 0.9mm side plate			
	Drain pan	Material/thickness	: 370-	Polystyrene flame	retardant 35kg/m3	0,000			
Fan	Impeller	mm.	φ145*160	φ14	5*190	φ150*200			
(1)	Aluminum thickness	mm \\			0.12	7.0			
Coil	Copper pipe	pcs	18	20	22	24			
COII	Water circuit		C.C.	3in/3out	200	4in/4out			
//	L*W*Thickness (Ł	pefore bend) mm		893*	200*65	*O			
Noise level	Δ.	dB(A)	42	43	45	46			
Unit dimension		mm	7.0	1259*	680*340				
Panel dimension	va.	mm 🔬	(0)	1240*	*680*30	, C/,			
Hoisting dimensi	on All	mm N	300	117	2*475	-W.			
Packing dimension	on	mm (O)	111.	1270*	730*400				
Net weight	(0)	kg	63	64	64.5	x0° 65			
Packing weight	7,00	kg	66	67	67.5	68			

- 1. Cooling: inlet air temp. DB27°C/WB19.5°C, water inlet/outlet temp. 7°C/12°C.
- 2. Heating: inlet air temp. DB21 $^{\circ}$ C, water inlet temp. 60 $^{\circ}$ C; same water flow rate as for the cooling.
- 3. Sound pressure level is the test value of the unit running at high speed in an anechoic or semi anechoic chamber, 1 meter below and front of the unit.