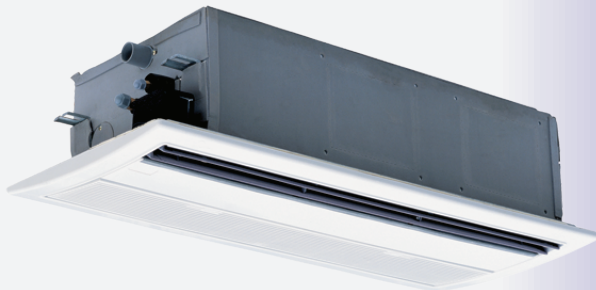


IZUMI MINI CHILLERS LINE UP



Izumi Air Cooled Chiller

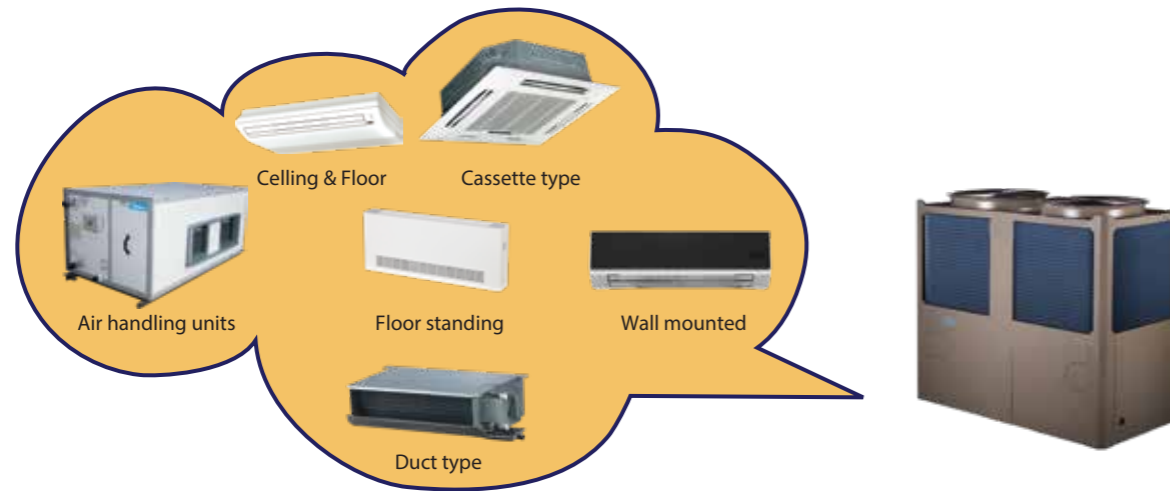
Features

Wide application range >>

Aqua Tempo Super chillers with cooling capacity ranging from 35kW to 130kW, combination model's maximum capacity ups to 2080kW.



❖ Freely combine with fan coil units and air handling units. Home owners may choose the best types according to their functional needs.



❖ Wide ambient temperature operating range



❖ Wide outlet water temperature range



Advanced technology >>

❖ H shape high performance heat exchanger

The chillers use new structure design, H shape condenser, 360° air intake, increase the heat exchanging area, efficiently enhance the heat exchange efficiency, and decrease the covering area.



Newly designed air profile
Big air flow lower noise

360° Condenser coil
High efficiency

Removable panel
Easy to maintain

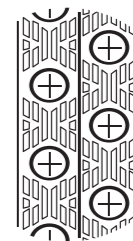
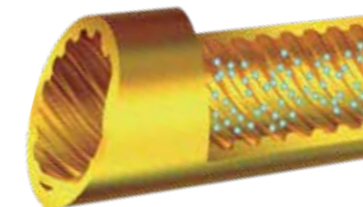
Transportation hole
Easy to install

Multi folder frame
Nice and strong

H shape condenser uses inner grooved copper tube and hydrophilic aluminum foil, greatly improve the heat exchange efficiency.

Inner grooved copper tube

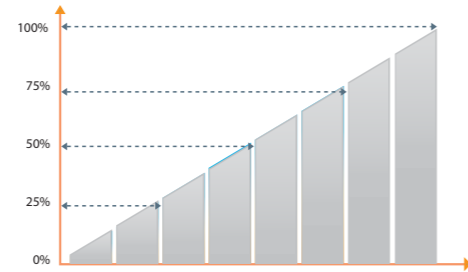
Hydrophilic aluminum foil



Izumi Air Cooled Chiller

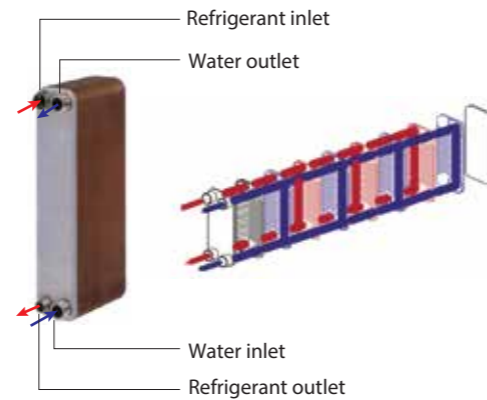
❖ EXV for more precisely flow control

Patented liquid distribution components to maximize performance and minimize defrost impact.
500 steps EXV plus capillary for stable and accurate gas flow control.
Fast respond resulting in higher efficiency and improved reliability.

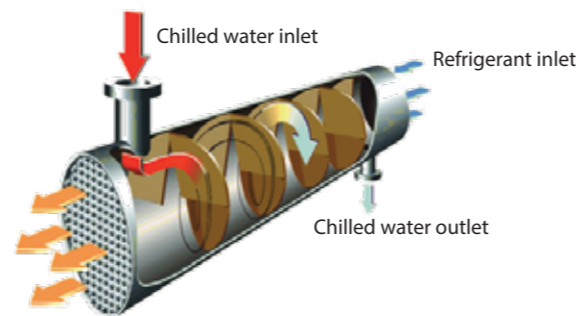
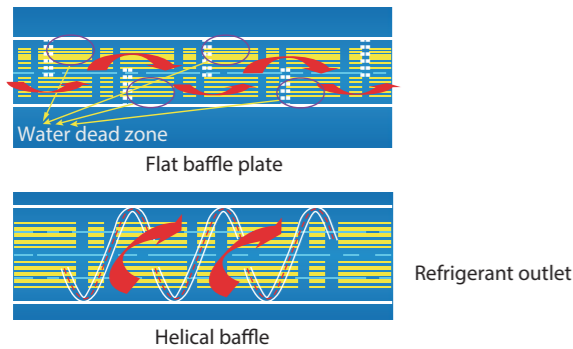


❖ High efficiency plate heat exchanger (For SP-HMLA series)

Plate heat exchanger uses metal plates to transfer heat between refrigerant and water. The fluids are exposed to a much larger surface area because the fluids spread out over the plates, so both heat transfer efficiency and heat exchanger speed are greatly improved.
Multi protections including voltage protection, current protection, anti-freezing protection and water flow protection ensure system



❖ Tube-in-tube & shell-tube heat exchanger (For SS-LA series)



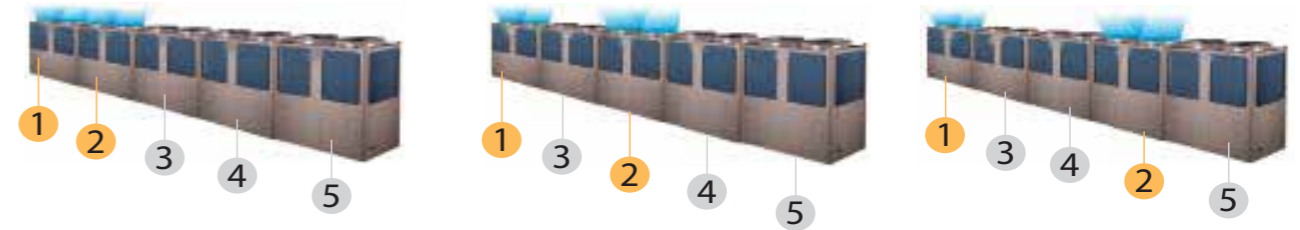
For shell-tube heat exchanger, the module adopts the new helical baffle design to avoid the rectangular place of water dead zone, greatly improve the heat exchange efficiency.

High reliability >>

Alternative cycle duty operation

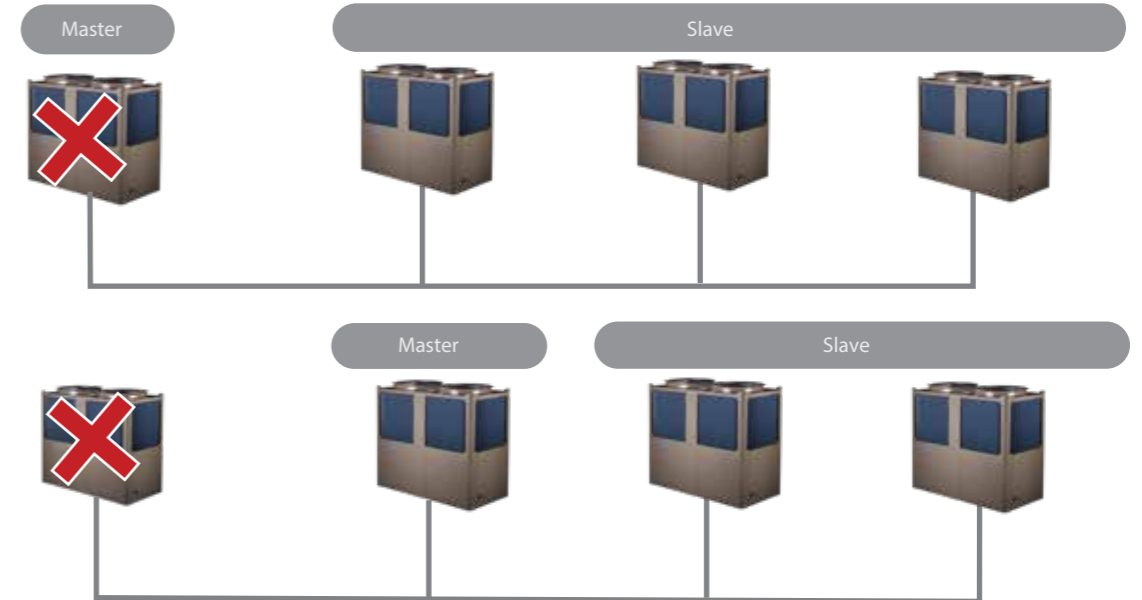
In one combination module, all slave units operate as alternative in cycle duty to keep equal running time, realize higher stability, better reliability and longer lifespan.

For example, five modules combination, no.1 is master unit, others are slave units.



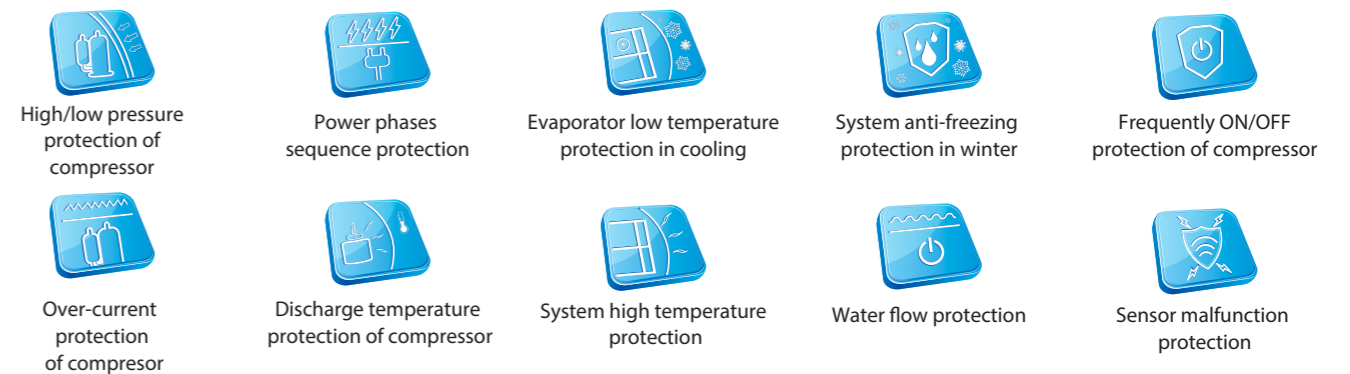
❖ Back-up functions

In a combination system, if one module failed, other modules can be back-up instead of the failed one for continuing operation.



❖ Reliable protections

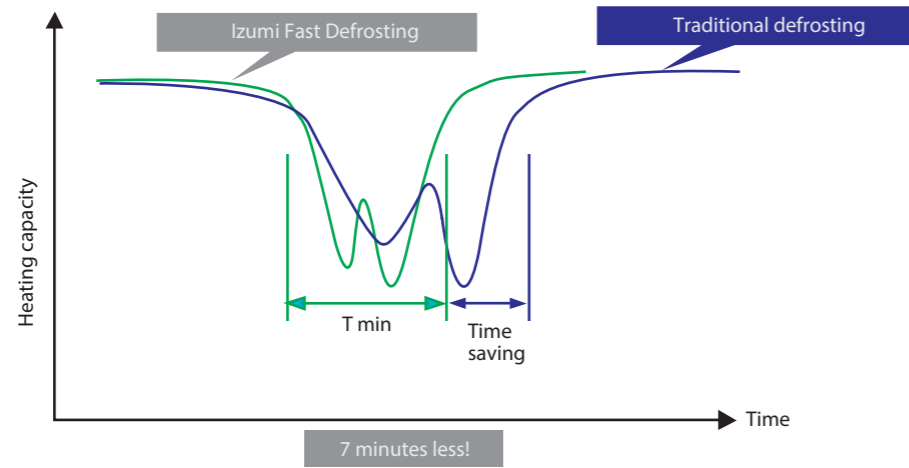
Multiple protections are adopted to ensure system stable running.



Izumi Air Cooled Chiller

❖ Intelligent defrosting technology

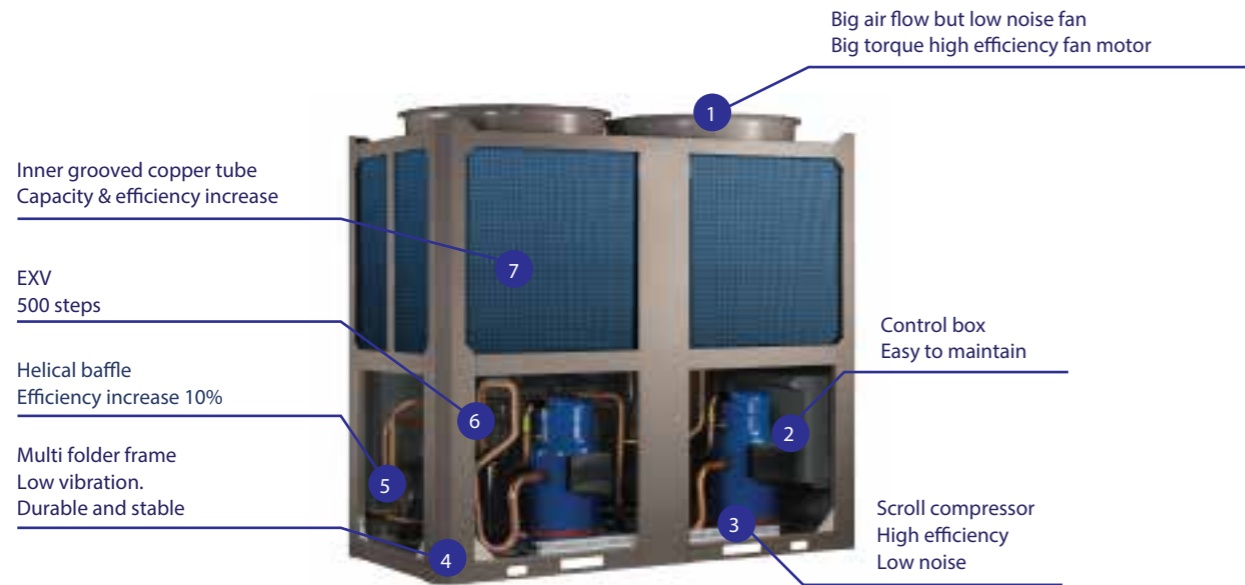
Model alternative defrosting technology ensures little fluctuation on water temperature.
Manual defrosting program is available for service purpose.



Flexible installation >>

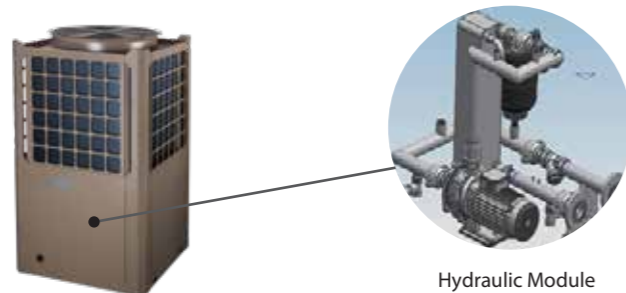
❖ Compact structure design

Super power chiller uses compact structure design, light weight, easy for transportation and installation.



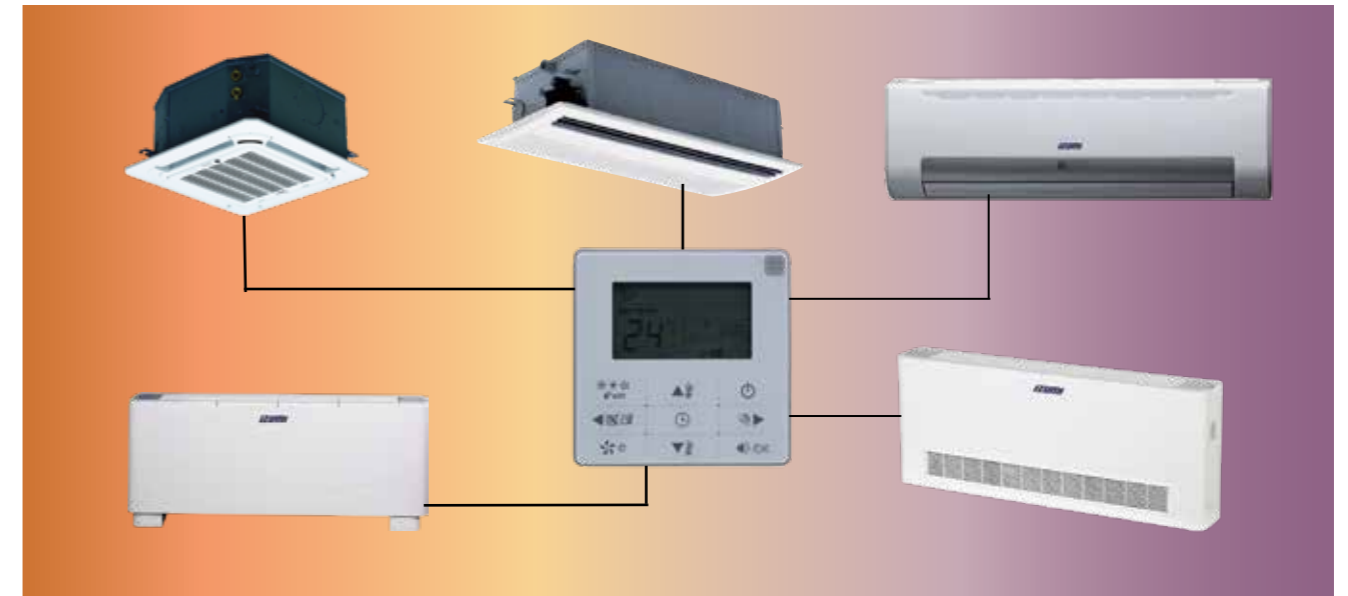
❖ Built-in hydronic module

For ISP-HMLA series, built-in hydraulic module products are available. The modules are fully integrated and built-in expansion tank, plate heat exchanger, water circulating pump, etc. It saves you much installation space and cost.



Easy control >>

❖ Touch key wire controller as standard accessory to control the chillers.



❖ Remote control functions for convenient operation

There are ON/OFF, Heat/Cool and Alarm terminals ports on PCB, connect switches from these terminal ports and remote control functions can be easily realized.



Note: When use the remote control function, the wired controller will be invalid for ON/OFF and mode selection.

Izumi Air Cooled Chiller

Specifications IZ-SP-HMLA series

Model		IZ-SP35M-RN1L	
Power supply		V/Ph/Hz	380-415/3/50
Cooling ¹	Capacity	kW	35
	Input	kW	12.7
	EER		2.76
Heating ²	Capacity	kW	38
	Input	kW	12.5
	COP		3.04
Max. running current		A	32.1
Compressor	Type	Fixed Scroll	
	Quantity	Pieces	1
Air side heat exchanger	Type	Finned tube	
	Fan motor type	AC Motor	
	Quantity of fan motor	Pieces	1
	Air flow	m ³ /h	13,500
Water side heat exchanger	Type	Plate type	
	Volume	L	2.77
	Water flow volume	m ³ /h	6
Refrigerant	Type	R410A	
	Charged volume	kg	5.4
	Throttle type	EXV	
Sound pressure level ³		dB(A)	65
Unit net dimension(D×H×W)		mm	1,020×1,770×980
Packing dimension(D×H×W)		mm	1,070×1,900×1,030
Net/Gross weight		kg	343/353
Pipe connections	Water inlet/outlet	mm	DN40
Controller		Wired controller	
Ambient temperature range	Cooling	°C	-10~46
	Heating	°C	-15~24
Water outlet temperature range	Cooling	°C	5~17
	Heating	°C	45~50
Water outlet temperature range ⁴	Cooling	°C	0~17
	Heating	°C	25~50

1. Cooling: Chilled water inlet/outlet temperature: 12/7°C, outdoor ambient temperature 35°C DB.
2. Heating: Warm water inlet/outlet temperature: 40/45°C, outdoor ambient temperature 7°C DB/6°C WB.
3. 1m away in open field.
4. The data is for low water outlet temperature function.

IZ-SS-LA series

Model		IZ-SS35/RN1L		IZ-SS65/RN1L		IZ-SS80/RN1L		IZ-SS130/RN1L	
Power supply		V/Ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Cooling ¹	Capacity	kW	35	65	80	130			
	Input	kW	11.5	20.4	25.8	42.3			
	EER		3.04	3.19	3.10	3.07			
Heating ²	Capacity	kW	37	69	85	138			
	Input	kW	11.3	21.5	26.5	43			
	COP		3.27	3.21	3.21	3.21			
Max. running current		A	27.0	54.5	65	109			
Compressor	Type	Fixed Scroll		Fixed Scroll	Fixed Scroll	Fixed Scroll			
	Quantity	Pieces	1	1	2	2			
Air side heat exchanger	Type	Finned tube		Finned tube	Finned tube	Finned tube			
	Fan motor type	AC Motor		AC Motor	AC Motor	AC Motor			
	Quantity of fan motor	Pieces	1	2	2	2			
	Air flow	m ³ /h	13,500	27,000	27,000	50,000			
Water side heat exchanger	Type	Double-pipe		Shell-tube	Shell-tube	Shell-tube			
	Water pressure drop	kPa	55	30	30	40			
	Volume	L	10	35	47.5	60			
Refrigerant	Type	R410A		R410A	R410A	R410A			
	Charged volume	kg	5.4	11.5	13	21			
	Throttle type	EXV		EXV	EXV	EXV			
Sound pressure level ³		dB(A)	65	67	67	68			
Unit net dimension(D×H×W)		mm	1,020×1,770×980	2,000×1,770×960	2,000×1,770×960	2,200×2,060×1,120			
Packing dimension(D×H×W)		mm	1,070×1,900×1,030	2,090×1,890×1,030	2,090×1,890×1,030	2,250×2,200×1,180			
Net/Gross weight		kg	320/330	530/590	645/710	950/1,020			
Pipe connections	Water inlet/outlet	mm	DN40	DN65	DN65	DN65			
Controller		Wired controller		Wired controller	Wired controller	Wired controller			
Ambient temperature range	Cooling	°C	-10~46	-10~46	-10~46	-10~46			
	Heating	°C	-15~24	-15~24	-15~24	-15~24			
Water outlet temperature range	Cooling	°C	5~17	5~17	5~17	5~17			
	Heating	°C	45~50	45~50	45~50	45~50			
Water outlet temperature range ⁴	Cooling	°C	0~17	0~17	0~17	0~17			
	Heating	°C	25~50	25~50	25~50	25~50			

1. Cooling: Chilled water inlet/outlet temperature: 12/7°C, outdoor ambient temperature 35°C DB.
2. Heating: Warm water inlet/outlet temperature: 40/45°C, outdoor ambient temperature 7°C DB/6°C WB.
3. 1m away in open field.
4. The data is for low water outlet temperature function

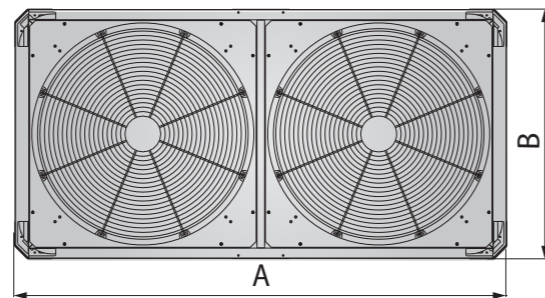
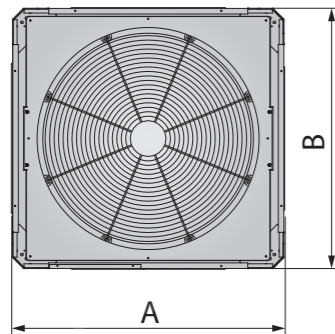
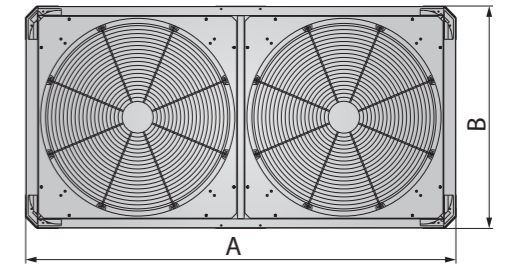
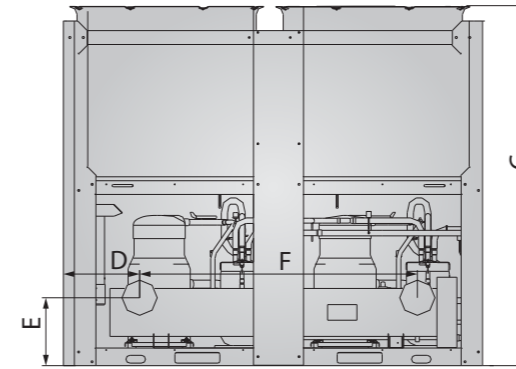
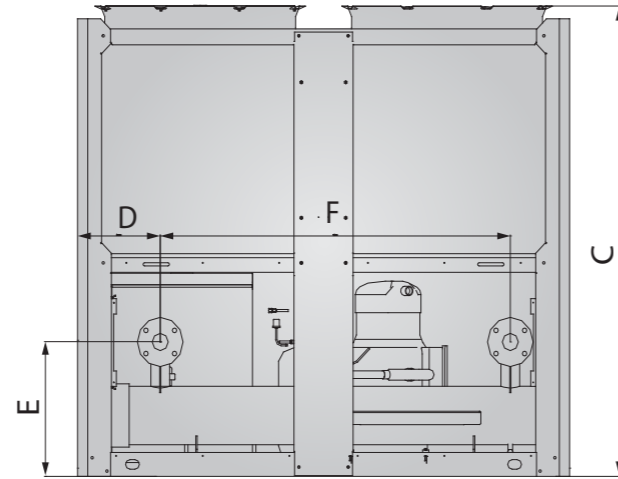
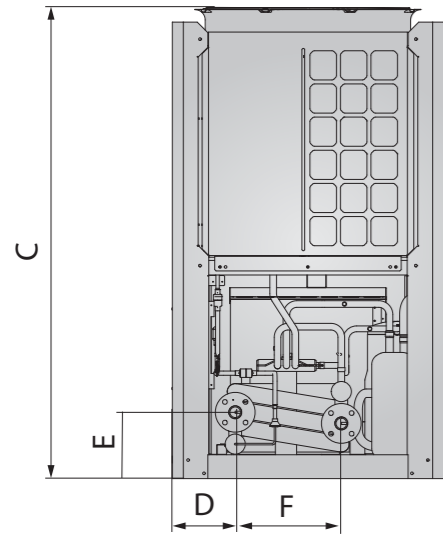
Izumi Air Cooled Chiller

Dimensions (Unit:mm)

IZ-SS35/RN1L >>

IZ-SS65/RN1L >>
IZ-SS80/RN1L

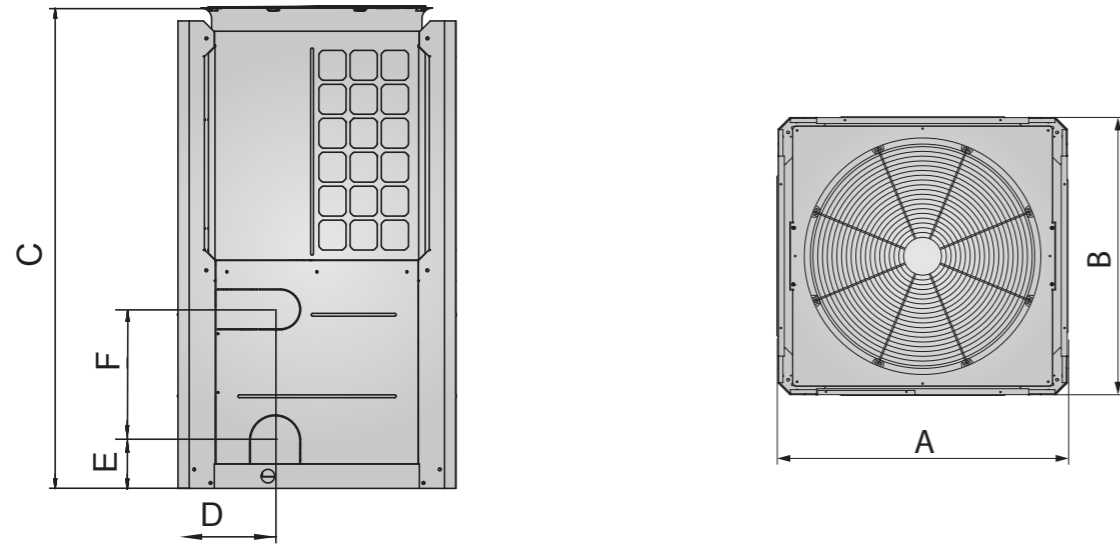
IZ-SS130/RN1L >>



Model	A	B	C	D	E	F
IZ-SS35/RN1L	1020	980	1770	237	250	400
IZ-SS65/RN1L IZ-SS80/RN1L	2000	960	1770	336	506	1420
IZ-SS130/RN1L	2200	1120	2060	390	347	1420

Izumi Air Cooled Chiller

IZ-SP35M-RN1L >>



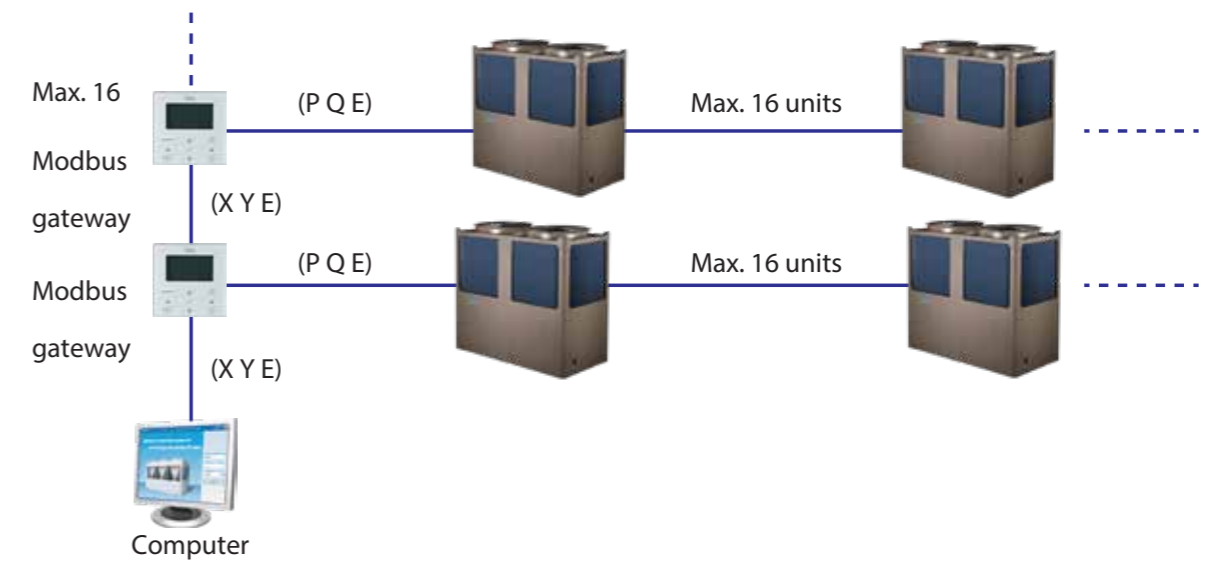
Model	A	B	C	D	E	F
IZ-SP35(M)-RN1L	1020	980	1770	303	181	481

Control System Wired controller >>

Model	KJRM-120D/BMK-E(standard)	KJR-120A/MBTE(optional)
Appearance		
Main Functions	<ul style="list-style-type: none"> ❖ Parameter setting and display. ❖ Real time clock control. ❖ Manual reset. ❖ Remote control icon display. ❖ Hysteresis temperature setting. ❖ Touch key operation 	<ul style="list-style-type: none"> ❖ Parameter setting and display. ❖ Real time clock control. ❖ Manual reset. ❖ Remote control icon display. ❖ Hysteresis temperature setting. ❖ Weekly timing function.
Applied Range	Aqua Tempo Power & Aqua Tempo Super	Aqua Tempo Power & Aqua Tempo Super
Max. connection PCBs	16	16
Compatible Gateway	Modbus & Lon Works	Lon Works

Modbus gateway(customization option) >>

Modbus gateway can be customized by adding X, Y, E ports on wired controller KJRM-120D/BMK-E. It can connect Max. 16 wired controllers and each controller can control Max. 16 units.

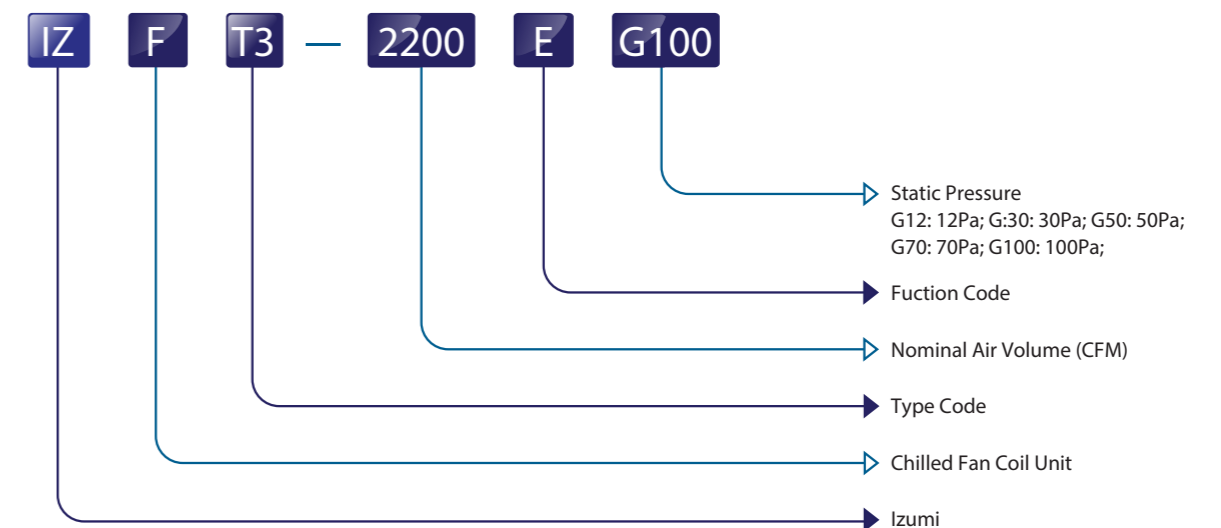




Fan Coil Units

Izumi Fan Coil Units have ceiling exposed type, ceiling concealed type, wall-mounted type and floor-standing type. The air volume ranges from 150CFM to 2200CFM. It is a highly versatile product suitable for hospitals, office buildings, hotels, airports and various other applications.

Nomenclature


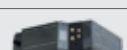
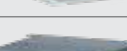


Product Lineup

2-Pipe FCUs

Air volume (CFM)		150	200	250	300	350	400	450	500	600	700	750		800	850	900	950	1000	1200	1400	1500	1600	1800	2000	2200	
1-way cassette					■		■																			
4-way cassette										■		■			■		■		■		■					
Compact 4-way cassette					■		■		■																	
Duct			■		■		■		■					■				■								
High static pressure Duct														■				■				■	■		■	
Wall mounted				■	■		■		■																	
Ceiling & floor		■			■		■						■		■											
Floor standing		■			■		■						■		■											
2nd generation Ceiling&floor		■		■		■			■		■			■												

4-Pipe FCUs

Air volume (CFM)		100	200	250	300	350	400	450	500	600	700	750		800	850	900	950	1000	1200	1400	1500		
Compact 4-way cassette					■		■		■														
4-way cassette										■		■			■		■		■		■		
Duct			■		■		■		■					■				■					

Note:
The standard power supply for all fan coil units is 220V-240V/50Hz; 208-230V/60Hz can be customized for some series of fan coil units, for further information, please contact with our salesmen.

Cassette Series



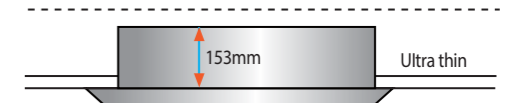
300/400CFM



1-way Cassette

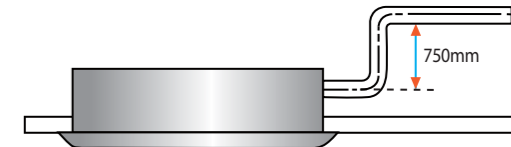
Min. 153mm Thickness >>

- ❖ Compact design, ultra slim body with a minimum thickness of 153mm, especially suitable for narrow ceiling, such as in lobbies and small meeting rooms.



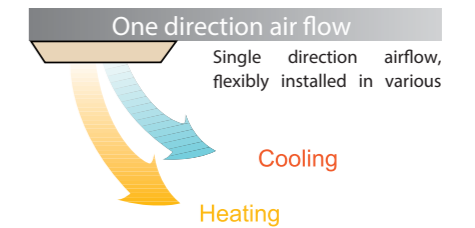
High-lift Pump >>

- ❖ Standard built-in drain pump with 750mm pump



One Direction Air Flow >>

- ❖ One direction air flow guarantees quick cooling, flexible installation positioning.



Compact 4-way Cassette



Specifications

Model	Non-AEH	With-AEH	IZFC-400R-B
Power supply	V/Ph/Hz		220-240/1/50
Air flow (H/M/L)	m ³ /h		630/560/500
	CFM		370/330/300
Cooling	Capacity (H/M/L)	kW	3.79/3.58/3.38
	Water flow rate	L/h	650
	Water pressure drop	kPa	20
Heating	Capacity (H/M/L)	kW	6.41/5.86/5.11
	Water flow rate	L/h	16
	Water pressure drop	kPa	16
Power input (H/M/L)	W		40/30/25
Auxiliary electric heater (AEH)	W		750
Sound pressure level (H/M/L)	dB(A)		37/35/34
Fan motor	Type	Low noise 3-speed fan motor	
	Quantity	1	
Fan	Type	Centrifugal, forward-curved blades	
	Quantity	1	
Coil	Row	2	
	Max. working pressure	MPa	1.6
	Diameter	mm	Ø7
Panel	Net dimensions (W×H×D)	mm	1180x25x465
	Packing size (W×H×D)	mm	1232x107x517
	Net weight	kg	3.5
	Gross weight	kg	5.2
Body	Net dimensions (W×H×D)	mm	1054x153x425
	Packing size (W×H×D)	mm	1155x245x490
	Net weight (non-AEH/with-AEH)	kg	12.8/13.1
	Gross weight (non-AEH/with-AEH)	kg	16.6/17.1
	Water inlet/outlet pipe	inch	RC1/2
Pipe connections	Drain pipe	mm	ODØ25

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: entering water 7 ° C, temperature rise 5 ° C, entering air temperature 27°C DB/19°C WB.
Heating conditions: entering water 50° C, entering air temperature 20° C DB, the same water flow as the cooling conditions.
3. Noise is tested in a semi-anechoic test room.

Model	Non-AEH	With-AEH	IZFC-300R-BA	
Air flow	H/M/L	m ³ /h	472/360/297	
	H/M/L	CFM	278/212/175	
Cooling	Capacity	H/M/L	kW	2.55/1.96/1.63
	Water flow rate	H/M/L	m ³ /h	0.46/0.35/0.29
	Water pressure drop	H/M/L	kPa	14.3/8.7/6.3
	Power input	H/M/L	W	45/42/41
Heating	Capacity	H/M/L	kW	3.1/2.62/2.26
	Water flow rate	H/M/L	m ³ /h	0.56/0.47/0.41
	Water pressure drop	H/M/L	kPa	18/13.2/9.9
	Power input	H/M/L	W	37/34/33
Power supply	V/Ph/Hz		220-240/1/50	
Current Input	H	A	0.15	
Electric heater capacity	W		750	
Sound pressure level	H/M/L	dB(A)	36/34//32	
Fan motor	Type	Low noise 4-speed fan motor		
	Quantity	1		
Fan	Type	Cross fan		
	Quantity	1		
Coil	Row	2		
	Max. Working pressure	MPa	1.6	
	Diameter	mm	Ø7	
Panel	Dimensions	W×H×D	mm	1180x25x465
	Packing	W×H×D	mm	1232x107x517
	Net weight	kg		3.5
	Gross weight	kg		5.2
Body	Dimensions	W×H×D	mm	1054x155x428
	Net weight	*A	kg	12.8/13.1
	Packing	W×H×D	mm	1155x245x490
	Gross weight	*A	kg	16.6/17.1
	Water inlet/outlet pipe	inch	G1/2	
Pipe connections	Drain pipe	mm	ODØ25	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7 ° C, leaving water 12 ° C, Entering air temperature 27 ° C DB/19 ° C WB.
Heating conditions: Entering water 45 ° C, leaving water 40 ° C, Entering air temperature 20 ° C DB.
3. Noise is tested in a semi-anechoic test room.

Izumi Fan Coil Unit

4-way Cassette

Various Selections >>

- ❖ Versions for 2/4 pipe systems.
- ❖ Versions for compact/normal size.

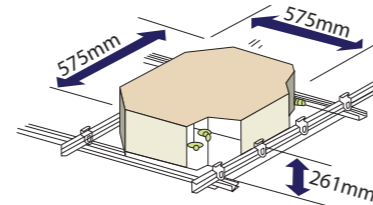
Stylish Panel with Large Airflow Outlet >>

- ❖ 4-way air supply panel is standard for 4-way cassette.
- ❖ 360° air supply panel is standard for compact 4-way cassette.



Compact Design, Easy Installation >>

- ❖ For Compact Four-way Cassette: Extremely compact casing suits any room's decor and requires little space for installation on a low ceiling.
- ❖ Due to compact body and light weight, all models can be installed without a hoist.

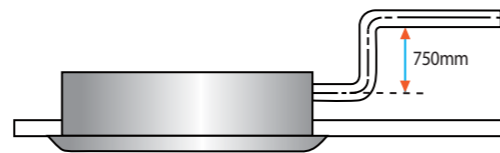


Various Accessories Selections >>

- ❖ Safe factory-installed electric heater is optional.
- ❖ Extended drainage pan is optional.
- ❖ Wireless controller is standard, and wired controller is optional.

High-lift Drain Pump >>

- ❖ Standard built-in drain pump with 750mm pump head for normal size and 500mm for compact size.

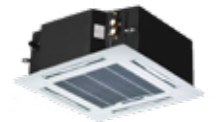


Fresh Air Intake >>

- ❖ Fresh air can enter through the cassette unit so you can enjoy even fresher air in a room.



2-Pipe 4-Way Cassette



Model		IZFA-600RA	IZFA-750RA	IZF-850RA
Power supply	V/ph/Hz	220-240/1/50		
Air flow (H/M/L)	m ³ /h	1017/807/639	1241/977/810	1433/1100/946
	CFM	598/475/376	730/575/477	843/647/556
Cooling	Capacity (H/M/L)	kW	5.26/4.44/3.68	5.58/4.87/4.09
	Water flow rate(H/M/L)	m ³ /h	0.95/0.8/0.66	1/0.88/0.74
	Water pressure drop(H/M/L)	kPa	29.9/17.9/13	30/20.1/15
Heating	Capacity (H/M/L)	kW	6.07/5.16/4.38	6.67/5.9/5.03
	Water flow rate(H/M/L)	m ³ /h	1.1/0.94/0.8	1.21/1.07/0.91
	Water pressure drop(H/M/L)	kPa	28.4/21.4/19.9	37.2/23.4/18
	Power input (H/M/L)	W	130/95/68	140/121/108
	Auxiliary electric heater (AEH)	W	2100	2850
	Sound Power level (H/M/L)	dB(A)	56/51/45	58/54/48
Fan motor	Type	Low noise 4-speed fan motor		
	Quantity	1	1	1
Fan	Type	Centrifugal, forward-curved blades		
	Quantity	1	1	1
Coil	Row	2	2	2
	Max. working pressure	MPa	1.6	1.6
	Diameter	mm	Φ7	Φ7
Panel	Net dimensions (W×H×D)	mm	950×45×950	950×45×950
	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035
	Net weight	kg	6	6
	Gross weight	kg	9	9
Body	Net dimensions (W×H×D)	mm	840×230×840	840×230×840
	Packing size (W×H×D)	mm	900×260×900	900×260×900
	Net weight (non-AEH/with-AEH)	kg	25/27	25/27
	Gross weight (non-AEH/with-AEH)	kg	30/32	30/32
Pipe connections	Water inlet/outlet pipe	inch	RC3/4	RC3/4
	Drain pipe	mm	ODΦ32	ODΦ32

Model		IZFA-950RA	IZFA-1200RA	IZFA-1500R
Power supply	V/ph/Hz	220-240/1/50		
Air flow (H/M/L)	m ³ /h	1562/1183/1013	1606/1276/1059	1690/1324/1091
	CFM	919/696/596	945/751/623	994/779/642
Cooling	Capacity (H/M/L)	kW	6.09/6.21/5.78	7.07/6.38/6.02
	Water flow rate(H/M/L)	m ³ /h	1.1/1.12/1.04	1.27/1.15/1.08
	Water pressure drop(H/M/L)	kPa	27.1/22/18.1	45/45/45
Heating	Capacity (H/M/L)	kW	7.92/7.35/6.63	8.02/7.55/6.76
	Water flow rate(H/M/L)	m ³ /h	1.44/1.34/1.21	1.46/1.37/1.23
	Water pressure drop(H/M/L)	kPa	31.7/26.2/22.1	45/45/45
	Power input (H/M/L)	W	190/160/130	183/159/146
	Auxiliary electric heater (AEH)	W	2850	2850
	Sound Power level (H/M/L)	dB(A)	65/63/57	72/64/60
Fan motor	Type	Low noise 4-speed fan motor		
	Quantity	1	1	1
Fan	Type	Centrifugal, forward-curved blades		
	Quantity	1	1	1
Coil	Row	2	2	3
	Max. working pressure	MPa	1.6	1.6
	Diameter	mm	Φ7	Φ7
Panel	Net dimensions (W×H×D)	mm	950×45×950	950×45×950
	Packing size (W×H×D)	mm	1035×90×1035	1035×90×1035
	Net weight	kg	6	6
	Gross weight	kg	9	9
Body	Net dimensions (W×H×D)	mm	840×300×840	840×300×840
	Packing size (W×H×D)	mm	900×330×900	900×330×900
	Net weight (non-AEH/with-AEH)	kg	30.5/33	30.5/33
	Gross weight (non-AEH/with-AEH)	kg	36.2/39	36.2/39
Pipe connections	Water inlet/outlet pipe	inch	RC3/4	RC3/4
	Drain pipe	mm	ODΦ32	ODΦ32

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB. Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a semi-anechoic test room."

Izumi Fan Coil Unit



4-Pipe 4-Way Cassette

Model			IZFA-600FA	IZFA-750FA	IZFA-850FA
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	1123/749/587	1249/853/671	1304/1041/934
		CFM	661/441/345	735/502/395	767/612/549
Cooling	Capacity (H/M/L)	kW	4.14/3.63/2.97	4.43/3.72/3.07	4.73/3.97/3.61
	Water flow rate(H/M/L)	m³/h	0.74/0.65/0.53	0.8/0.67/0.55	0.85/0.71/0.65
	Water pressure drop(H/M/L)	kPa	20/13/10	20.4/15/15	25/20/15
Heating	Capacity (H/M/L)	kW	5.99/4.56/3.77	6.14/4.64/3.93	6.21/5.2/4.8
	Water flow rate(H/M/L)	m³/h	0.55/0.42/0.35	0.56/0.43/0.36	0.57/0.48/0.44
	Water pressure drop(H/M/L)	kPa	25/20/16	40/25/20	45/35/28.1
Power input (H/M/L)		W	124/89/68	172/86/63	187/161/144
Sound power level (H/M/L)		dB(A)	56/45/43	63/51/45	64/52/51
Fan motor	Type	Low noise 4-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Coil	Row	2			
	Max. working pressure	MPa	1.6		
	Diameter	mm	Ø7		
Panel	Net dimensions (W×H×D)	mm	950×45×950		
	Packing size (W×H×D)	mm	1035×90×1035		
	Net weight	kg	6		
	Gross weight	kg	9		
Body	Net dimensions (W×H×D)	mm	840×300×840		
	Packing size (W×H×D)	mm	900×330×900		
	Net weight	kg	35		
	Gross weight	kg	41		
Pipe connections	Water inlet/outlet pipe	inch	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODØ32		

Model			IZFA-950FA	IZFA-1200FA	IZFA-1500FA
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	1339/1112/1001	1618/1359/1053	1681/1457/1117
		CFM	787/654/589	952/800/620	989/857/657
Cooling	Capacity (H/M/L)	kW	4.96/4.25/3.88	7.32/6.36/5.48	8.86/7.29/6.37
	Water flow rate(H/M/L)	m³/h	0.89/0.76/0.7	1.32/1.14/0.99	1.6/1.31/1.15
	Water pressure drop(H/M/L)	kPa	35/20/15	40/35/30	45.2/35/29.5
Heating	Capacity (H/M/L)	kW	6.5/5.34/4.96	8.76/7.76/6.98	10.34/7.91/7.5
	Water flow rate(H/M/L)	m³/h	0.6/0.49/0.46	0.8/0.71/0.64	0.95/0.73/0.69
	Water pressure drop(H/M/L)	kPa	43.9/33.6/29.4	52.9/42.4/36	53.4/40.9/33.7
Power input (H/M/L)		W	190/155/141	197/155/130	267/231/184
Sound power level (H/M/L)		dB(A)	65/56/52	67/59/54	69/59/52
Fan motor	Type	Low noise 4-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Coil	Row	2			
	Max. working pressure	MPa	1.6		
	Diameter	mm	Ø7		
Panel	Net dimensions (W×H×D)	mm	950×45×950		
	Packing size (W×H×D)	mm	1035×90×1035		
	Net weight	kg	6		
	Gross weight	kg	9		
Body	Net dimensions (W×H×D)	mm	840×300×840		
	Packing size (W×H×D)	mm	900×330×900		
	Net weight	kg	35		
	Gross weight	kg	41		
Pipe connections	Water inlet/outlet pipe	inch	Cold water: RC3/4; Hot water: RC1/2		
	Drain pipe	mm	ODØ32		

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7 °C, leaving water 12 °C, Entering air temperature 27 °C DB/19 °C WB.
Heating conditions: Entering water 65 °C, leaving water 55 °C, Entering air temperature 20 °C DB.
3. Noise is tested in a reverberation chamber test room."

2-Pipe Compact 4-Way Cassette



Model			IZFD-300A	IZFD-400A	IZFD-500A
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	478/375/283	625/499/392	756/535/423
		CFM	281/221/167	368/294/231	445/315/249
Cooling	Capacity (H/M/L)	kW	2.5/2.02/1.61	3.09/2.52/2.08	4.06/3.2/2.52
	Water flow rate(H/M/L)	L/h	0.45/0.36/0.29	0.56/0.45/0.37	0.73/0.58/0.45
	Water pressure drop(H/M/L)	kPa	15/15/10	15/15/10	20/15/10
Heating	Capacity (H/M/L)	kW	2.92/2.41/1.9	3.59/2.98/2.51	4.57/3.48/2.73
	Water flow rate(H/M/L)	m³/h	0.53/0.44/0.34	0.65/0.54/0.46	0.83/0.63/0.5
	Water pressure drop(H/M/L)	kPa	15.4/15/10	20/15/10	20/15/15
Power input (H/M/L)		W	50/40/32	70/52/40	92/56/41
Sound power level (H/M/L)		dB(A)	54/47/41	59/52/46	63/56/48
Fan motor	Type	Low noise 4-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Coil	Row	2			
	Max. working pressure	MPa	1.6		
	Diameter	mm	Ø7		
Panel	Net dimensions (W×H×D)	mm	647×50×647		
	Packing size (W×H×D)	mm	715×123×715		
	Net weight	kg	2.5		
	Gross weight	kg	4.5		
Body	Net dimensions (W×H×D)	mm	575×261×575		
	Packing size (W×H×D)	mm	670×290×670		
	Net weight	kg	16.5		
	Gross weight	kg	20		
Pipe connections	Water inlet/outlet pipe	inch	G3/4		
	Drain pipe	mm	ODØ25		

4-Pipe Compact 4-Way Cassette

Model			IZFD-300SA	IZFD-400SA	IZFD-500SA
Power supply		V/Ph/Hz	220-240/1/50		
Air flow (H/M/L)		m³/h	493/385/295	608/475/375	724/542/430
		CFM	290/226/174	358/279/221	426/319/253
Cooling	Capacity (H/M/L)	kW	2.18/1.78/1.48	2.39/2.2/1.61	2.59/2.26/1.81
	Water flow rate(H/M/L)	m³/h	0.39/0.32/0.27	0.43/0.4/0.29	0.47/0.41/0.33
	Water pressure drop(H/M/L)	kPa	25/20/20	20/20/13	25/20/15
Heating	Capacity (H/M/L)	kW	2.91/2.42/1.97	3.5/2.91/2.43	3.96/3.17/2.73
	Water flow rate(H/M/L)	m³/h	0.27/0.22/0.18	0.32/0.27/0.22	0.36/0.29/0.25
	Water pressure drop(H/M/L)	kPa	25/20/15	30/25/20	30/30/25
Power input (H/M/L)		W	50/40/32	70/50/35	93/56/41
Sound power level (H/M/L)		dB(A)	54/47/41	59/52/46	63/56/48
Fan motor	Type	Low noise 4-speed fan motor			
	Quantity	1			
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1			
Coil	Row	2			
	Max. working pressure	MPa	1.6		
	Diameter	mm	Ø7		
Panel	Net dimensions (W×H×D)	mm	647×50×647		
	Packing size (W×H×D)	mm	715×123×715		
	Net weight	kg	2.5		
	Gross weight	kg	4.5		
Body	Net dimensions (W×H×D)	mm	575×261×575		
	Packing size (W×H×D)	mm	670×290×670		
	Net weight	kg	16.5		
	Gross weight	kg	20		
Pipe connections	Water inlet/outlet pipe	inch	Cold water: G3/4; Hot water: G1/2		
	Drain pipe	mm	ODØ25		

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7 °C, leaving water 12 °C, Entering air temperature 27 °C DB/19 °C WB.
Heating conditions: Entering water 65 °C, leaving water 55 °C, Entering air temperature 20 °C DB.
3. Noise is tested in a reverberation chamber test room."

Duct Series



Duct



High Static Pressure Duct



District Cooling Duct



Various Selections >>

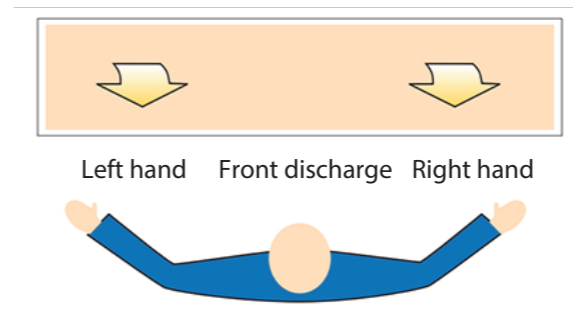
- ❖ Versions for 2/4 pipe systems.
- ❖ Versions for normal/large temperature difference systems.
- ❖ 2, 3 or 4 rows coil for 2-pipe systems.
- ❖ Large range of available static pressure.
- ❖ Wired controller is optional.
- ❖ Four fan speeds are available: low, medium, high and one reserved for more choice.

High Efficiency >>

- ❖ Highly efficient heat exchange for complete counterflow.

Flexible Installation >>

- ❖ Left and right hand piping connections are optional, flexible installation.

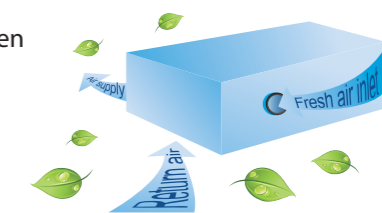


Standard Return Air Plenum and Filter >>

- ❖ Standard return air plenum and filter guarantees clean air supply and stable air flow rate.

Fresh Air Intake >>

- ❖ Fresh air can enter through the duct unit so you can enjoy even fresher air in a room.



Izumi Fan Coil Unit

2-Row Duct



Model		IZFT2-200G30A IZFT2-200EG30A	IZFT2-300G30A IZFT2-300EG30A	IZFT2-400G30A IZFT2-400EG30A	IZFT2-500G30A IZFT2-500EG30A	IZFT2-600G30A IZFT2-600EG30A	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m ³ /h	434/354/264	632/483/366	802/648/512	960/775/582	1166/906/703	
	CFM	255/208/155	372/284/215	472/381/301	565/456/342	686/533/414	
Standard external static pressure	Pa	G30 models: 30					
Cooling	Capacity (H/M/L)	kW	2.03/1.7/1.4	2.82/2.29/1.89	3.2/2.72/2.34	3.9/3.44/2.88	4.92/4.14/3.52
	Water flow rate(H/M/L)	m ³ /h	0.36/0.31/0.25	0.51/0.41/0.34	0.58/0.49/0.42	0.7/0.62/0.52	0.89/0.75/0.63
	Water pressure drop(H/M/L)	kPa	11.9/11.1/9.2	19.8/14.5/10.5	26/20.3/15.7	34.3/27.4/20.5	18.5/14.8/11.2
Heating	Capacity (H/M/L)	kW	2.55/2.09/1.67	3.39/2.76/2.25	4.02/3.41/2.9	4.79/4.06/3.35	6.13/5.13/4.19
	Water flow rate(H/M/L)	m ³ /h	0.46/0.38/0.3	0.62/0.5/0.41	0.73/0.62/0.53	0.87/0.74/0.61	1.12/0.93/0.76
	Water pressure drop(H/M/L)	kPa	9.5/7/4.8	21.8/15.9/10.9	29.9/23.3/17.3	39.7/31.4/22.4	25.3/19.4/14.2
Power input	W	55/51/45	79/64/53	92/80/69	119/96/76	141/119/103	
Auxiliary electric heater (AEH)	W	550	650	1100	1100	1600	
Sound power level(H/M/L)	dB(A)	58/55/50	58/54/48	57/52/50	65/59/52	64/60/53	
Fan motor	Type	Low noise 4-speed fan motor					
	Quantity	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	2	2	2	2	
Coil	Row	2	2	2	2	2	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	
Net dimensions (W×H×D)	mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522	
Packing size (W×H×D)	mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550	
Net weight (non-AEH/with-AEH)	kg	13.9/15.4	16.5/18	19.2/20.7	19.2/20.7	22/24	
Gross weight (non-AEH/with-AEH)	kg	16.2/17.7	19/20.5	21.6/23.1	21.6/23.1	25/27	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	R3/4	

Model		IZFT2-800G30A IZFT2-800EG30A	IZFT2-1000G30A IZFT2-1000EG30A	IZFT2-1200G30A IZFT2-1200EG30A	IZFT2-1400G30A IZFT2-1400EG30A	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m ³ /h	1463/1128/859	1800/1374/997	2271/1642/1089	2327/1767/1190	
	CFM	860/664/506	1059/808/587	1336/966/641	1369/1039/700	
Standard external static pressure	Pa	G30 models: 30				
Cooling	Capacity (H/M/L)	kW	6.6/5.47/4.45	7.82/6.44/5.34	9.85/8.67/6.13	10.89/9.49/7.49
	Water flow rate(H/M/L)	m ³ /h	1.19/0.98/0.8	1.41/1.16/0.96	1.77/1.56/1.1	1.96/1.71/1.35
	Water pressure drop(H/M/L)	kPa	19.8/14.5/10.7	30.5/22.4/16.1	59.6/48.5/26.4	60.9/47.8/31.9
Heating	Capacity (H/M/L)	kW	7.95/6.58/5.32	9.36/7.76/6.21	12.04/9.89/6.84	12.66/10.92/8.14
	Water flow rate(H/M/L)	m ³ /h	1.44/1.2/0.97	1.7/1.41/1.13	2.19/1.8/1.24	2.3/1.99/1.48
	Water pressure drop(H/M/L)	kPa	23.6/15.6/12.8	33/24.8/17.5	75.2/60.3/31.6	58.2/45.2/27.5
Power input	W	167/134/113	231/191/168	278/229/176	304/233/195	
Auxiliary electric heater (AEH)	W	2200	2200	3200	3200	
Sound power level(H/M/L)	dB(A)	62/57/51	65/60/54	67/61/57	70/65/59	
Fan motor	Type	Low noise 4-speed fan motor				
	Quantity	2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	4	4	4	4	
Coil	Row	2	2	2	2	
	Max. working pressure	MPa	1.6	1.6	1.6	
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	
Net dimensions (W×H×D)	mm	1461×241×522	1566×241×522	1856×241×522	2022×241×522	
Packing size (W×H×D)	mm	1510×260×550	1615×260×550	1905×260×550	2070×260×550	
Net weight (non-AEH/with-AEH)	kg	30.9/33.4	33.4/36.4	38.5/42	42.1/46.1	
Gross weight (non-AEH/with-AEH)	kg	34.5/37	37/40	42/45.5	47.5/51.5	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	

*Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB. Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room."

3-Row Duct



Model		IZFT3-200G12A IZFT3-200EG12A	IZFT3-300G12A IZFT3-300EG12A	IZFT3-400G12A IZFT3-400EG12A	IZFT3-500G12A IZFT3-500EG12A	IZFT3-600G12A IZFT3-600EG12A	IZFT3-800G12A IZFT3-800EG12A	IZFT3-1000G12A IZFT3-1000EG12A	IZFT3-1200G12A IZFT3-1200EG12A	IZFT3-1400G12A IZFT3-1400EG12A	
Power supply	V/Ph/Hz	220-240/1/50									
Air flow (H/M/L)	m ³ /h	401/363/300	576/467/391	707/642/402	898/652/419	1046/759/513	1362/1031/724	1697/1232/844	2121/1471/972	2541/1965/1123	
	CFM	236/213/176	339/274/230	416/378/237	528/384/246	615/446/302	801/607/426	998/725/496	1248/865/572	1495/1156/661	
Standard external static pressure	Pa	G12 models: 12									
Cooling	Capacity (H/M/L)	kW	1.97/1.84/1.57	2.93/2.51/2.21	3.62/3.4/2.43	4.39/3.51/2.73	5.77/4.57/3.36	7.99/6.68/4.8	8.45/6.74/4.99	10.66/8.23/5.94	13.18/11.36/7.77
	Water flow rate(H/M/L)	m ³ /h	0.35/0.33/0.28	0.53/0.45/0.4	0.71/0.61/0.44	0.79/0.63/0.49	1.04/0.82/0.61	1.44/1.2/0.86	1.52/1.21/0.9	1.92/1.48/1.07	2.37/2.04/1.4
	Water pressure drop(H/M/L)	kPa	17.7/15.9/11.9	41/31.6/25.5	30.3/23/14.6	32/20.7/11.3	67/44.3/25.8	38.8/27.8/18.1	46/30.9/18	48/30.6/17	57.1/45.2/22.4
Heating	Capacity (H/M/L)	kW	2.39/2.23/1.74	3.45/2.94/2.57	4.17/3.71/2.66	4.9/3.89/2.78	6.13/4.86/3.56	8.88/7.24/5.48	9.29/7.41/5.56	11.35/8.77/6.42	15.36/12.72/8.29
	Water flow rate(H/M/L)	m ³ /h	0.43/0.41/0.32	0.63/0.53/0.47	0.82/0.67/0.48	0.89/0.71/0.5	1.11/0.88/0.65	1.61/1.32/1	1.69/1.35/1.01	2.06/1.59/1.17	2.79/2.31/1.51
	Water pressure drop(H/M/L)	kPa	20.6/18.8/13.9	46.7/33.7/26.7	31/24.9/15.1	35.3/20.1/11.3	60.7/40.2/22.7	37.3/26/15.7	45.3/30.5/17.9	44.5/28/16.1	60.9/46.7/20.7
Power input	12Pa (H/M/L) W	40/37/33	63/52/45	101/87/74	101/85/70	124/101/83	154/120/98	202/168/141	250/197/163	273/224/175	
Auxiliary electric heater (AEH)	W	550	600	1100	1100	1600	2000	2200	3200	3200	
Sound power level	12Pa (H/M/L) dB(A)	53/51/45	54/50/43	55/52/47	60/54/46	62/56/46	62/56/48	66/58/48	64/56/46	68/64/58	
Fan motor	Type	Low noise 4-speed fan motor									
	Quantity	1	1	1	1	2	2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades									
	Quantity	1	2	2	2	2	4	4	4	4	
Coil	Row	3	3	3	3	3	3	3	3	3	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	
Net dimensions (W×H×D)	mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522	1461×241×522	1566×241×522	1856×241×522	2022×241×522	
Packing size (W×H×D)	mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550	1510×260×550	1615×260×550	1905×260×550	2070×260×550	
Net weight (non-AEH/with-AEH)	kg	14.6/16.1	17/18.5	20.2/21.7	20.2/21.7	23/25	31.9/34.4	34.4/37.4	39.5/43	43.1/47.1	
Gross weight (non-AEH/with-AEH)	kg	16.9/18.4	19.5/21	22.6/24.1	22.6/24.1	26/28	35.5/38	38.1/41.1	43/46.5	48.4/52.4	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	R3/4	R3/4	R3/4	R3/4	R3/4	

Model		IZFT3-200G30A IZFT3-200EG30A	IZFT3-300G30A IZFT3-300EG30A	IZFT3-400G30A IZFT3-400EG30A	IZFT3-500G30A IZFT3-500EG30A	IZFT3-600G30A IZFT3-600EG30A	IZFT3-800G30A IZFT3-800EG30A	IZFT3-1000G30A IZFT3-1000EG30A	IZFT3-1200G30A IZFT3-1200EG30A	IZFT3-1400G30A IZFT3-1400EG30A	
Power supply	V/Ph/Hz	220-240/1/50									
Air flow (H/M/L)	m ³ /h	472/375/294	575/455/338	787/648/469	1014/764/552	1191/971/763	1454/1166/861	1865/1454/1062	2272/1840/1160	2680/1975/1192	
	CFM	278/221/173	338/268/199	463/381/276	596/450/325	701/571/449	855/686/506	1097/855/625	1336/1082/682	1577/1162/701	
Standard external static pressure	Pa	G30 models: 30									
Cooling	Capacity (H/M/L)	kW	2.21/1.86/1.55	2.92/2.49/1.97	4.05/3.52/2.72	5.12/4.37/3.55	6.49/5.68/4.74	8.31/7.15/6.6	8.84/7.49/5.96	10.98/9.5/7.19	13.53/11.38/7.83
	Water flow rate(H/M/L)	m ³ /h	0.4/0.34/0.28	0.53/0.45/0.36	0.73/0.63/0.49	0.92/0.79/0.64	1.17/1.02/0.85	1.5/1.28/1.02	1.59/1.35/1.07	1.98/1.71/1.29	2.44/2.05/1.41
	Water pressure drop(H/M/L)	kPa	21.4/15.9/11.9	41/31.6/21	29.2/23/14.6	23.2/17.8/12.2	80.5/64.6/46.2	76.8/57.5/38.6	48.2/36.1/24.3	48.9/38/23.5	58.9/44.5/21.7
Heating	Capacity (H/M/L)	kW	2.68/2.27/1.9	3.45/2.89/2.3	4.6/3.99/3.11	6.12/4.98/3.9	6.97/6.05/5.05	8.53/7.31/5.85	9.88/8.34/6.63	11.89/10.32/7.8	15.7/12.53/8.2
	Water flow rate(H/M/L)	m ³ /h	0.49/0.41/0.35	0.63/0.52/0.42	0.84/0.73/0.57	1.11/0.9/0.71	1.27/1.1/0.92	1.55/1.33/1.06	1.8/1.52/1.21	2.16/1.88/1.42	2.85/2.28/1.49
	Water pressure drop(H/M/L)	kPa	25.3/18.8/13.9	46.7/33.7/22.5	30.3/24.3/15.1	26.5/18.2/11.8	75.4/59.7/42.8	65/51.5/33.7	50.3/38/24.8	48.5/38.6/23.2	62.2/43.4/21.6
Power input	30Pa (H/M/L) W	63/54/47	84/72/62	97/90/80	142/90/77	135/120/108	178/163/145	220/179/153	267/222/180	319/222/174	
Auxiliary electric heater (AEH)	W	550	600	1100	1100	1600	2000	2200	3200	3200	
Sound power level	30Pa (H/M/L) dB(A)	56/51/44	55/50/43	59/55/49	62/58/52	63/59/52	61/56/50	65/59/54	65/61/55	69/63/57	
Fan motor	Type	Low noise 4-speed fan motor									
	Quantity	1	1	1	1	2	2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades									
	Quantity	1	2	2	2	2	4	4	4	4	
Coil	Row	3	3	3	3	3	3	3	3	3	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52	
Net dimensions (W×H×D)	mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241					

Izumi Fan Coil Unit

4-Row Duct



Model		IZFT4-200G30A	IZFT4-300G30A	IZFT4-400G30A	IZFT4-500G30A	IZFT4-600G30A	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	452/369/275	639/494/373	784/634/500	948/766/578	1124/875/682	
	CFM	266/217/162	376/290/220	461/373/294	557/451/340	661/515/401	
Standard external static pressure	Pa	30	30	30	30	30	
Cooling	Capacity (H/M/L)	kW	2.22/1.67/1.2	3.04/2.58/1.87	3.71/3.17/2.62	4.49/3.87/3.07	6.18/4.95/3.78
	Water flow rate(H/M/L)	m³/h	0.4/0.3/0.22	0.55/0.46/0.34	0.67/0.57/0.47	0.81/0.7/0.55	1.11/0.89/0.68
	Water pressure drop(H/M/L)	kPa	5/5/5	10/5.4/3	15/9/8	20/16/15	30/22/16
Heating	Capacity (H/M/L)	kW	2.81/2.23/1.54	3.58/3.09/2.35	4.56/3.89/3.08	5.44/4.66/3.58	6.94/5.75/4.58
	Water flow rate(H/M/L)	m³/h	0.51/0.41/0.28	0.65/0.56/0.43	0.83/0.71/0.56	0.99/0.85/0.65	1.26/1.04/0.83
	Water pressure drop(H/M/L)	kPa	5/3.5/5	10/5.5/3.5	15/9.5/8	22.6/20/15	28/20/15
Power input (H/M/L)	W	92/50/43	76/62/52	90/78/68	110/90/77	142/124/109	
Sound power level	dB(A)	56/52/47	56/52/44	62/58/50	63/59/53	65/60/54	
Fan motor	Type	Low noise 4-speed fan motor					
	Quantity	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	2	2	2	2	
Coil	Row	4	4	4	4	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	Φ9.52
Net dimensions (W×H×D)	mm	741×241×522	841×241×522	941×241×522	941×260×550	1161×241×522	
Packing size (W×H×D)	mm	790×260×550	890×260×550	990×260×550	990×260×550	1210×260×550	
Net weight	kg	15.3	17.5	20.7	20.7	23.5	
Gross weight	kg	17.6	20	23.1	23.1	26.5	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	R3/4	

Model		IZFT4-800G30A	IZFT4-1000G30A	IZFT4-1200G30A	IZFT4-1400G30A	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	1447/1119/857	1868/1397/1026	2213/1692/1074	2311/1756/1095	
	CFM	851/658/504	1099/822/603	1302/995/632	1359/1033/644	
Standard external static pressure	Pa	30	30	30	30	
Cooling	Capacity (H/M/L)	kW	6.31/5.1/4.14	7.79/6.13/4.87	10.17/8.57/5.44	11.7/9.43/6.47
	Water flow rate(H/M/L)	m³/h	1.14/0.92/0.75	1.4/1.1/0.88	1.83/1.54/0.98	2.11/1.7/1.16
	Water pressure drop(H/M/L)	kPa	15/7.5/5	18.3/12.1/8	33/24.8/11.4	35/23.9/15
Heating	Capacity (H/M/L)	kW	7.78/6.4/4.9	9.86/7.73/6.01	11.76/10.31/6.76	13.55/10.96/7.12
	Water flow rate(H/M/L)	m³/h	1.41/1.16/0.89	1.79/1.4/1.09	2.14/1.87/1.23	2.46/1.99/1.29
	Water pressure drop(H/M/L)	kPa	15/10/6	20.6/13.9/8.2	36.1/20.9/13.2	37/26/17
Power input (H/M/L)	W	166/134/113	223/164/139	277/228/174	325/240/193	
Sound power level	dB(A)	62/57/51	66/61/55	68/63/56	69/63/57	
Fan motor	Type	Low noise 4-speed fan motor				
	Quantity	2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	4	4	4	4	
Coil	Row	4	4	4	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52
Net dimensions (W×H×D)	mm	1461×241×522	1566×241×522	1856×241×522	2022×241×522	
Packing size (W×H×D)	mm	1510×260×550	1615×260×550	1905×260×550	2070×260×550	
Net weight	kg	32.9	35.4	40.5	44.1	
Gross weight	kg	36.5	39.1	44	49.4	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room."

A4 Type Duct



Model IZFT4-		800G50-A4A	1000G50-A4A	1200G50-A4A	1400G50-A4A		
Air flow	H/M/L	m³/h	1922/1862/1672	2137/2047/1931	2311/2123/1951	2480/1939/1777	
	H/M/L	CFM	1130/1096/984	1257/1204/1136	1359/1249/1147	1459/1141/1045	
External Static pressure		Pa	50	50	50	50	
Cooling	Capacity	H/M/L	kW	9.59/9.35/8.92	9.84/9.66/9.37	11.5/10.65/10.02	12.6/10.88/10.28
	Water flow rate	H/M/L	m³/h	1.73/1.68/1.61	1.77/1.74/1.69	2.07/1.92/1.8	2.27/1.96/1.85
	Water pressure drop	H/M/L	kPa	79.5/73.7/67.5	42.1/39.2/36.4	62/52.5/47.6	42.6/32.3/28.8
Heating	Capacity	H/M/L	kW	10.96/10.68/10.01	11.56/11.24/10.81	12.22/11.51/10.78	13.51/11.32/10.69
	Water flow rate	H/M/L	m³/h	1.97/1.92/1.8	2.08/2.02/1.95	2.2/2.07/1.94	2.43/2.04/1.92
	Water pressure drop	H/M/L	kPa	79.1/76.9/69.2	46.1/44.6/41.5	52/47.8/41.8	39.8/28.7/25.5
Power input	H/M/L	W	208/194/172	224/206/193	455/389/347	469/331/290	
Power supply	V/Ph/Hz	220-240/1/50					
Sound pressure level	H/M/L	dB(A)	48.4/47.9/46.6	49.5/50/48.5	50.9/50/48.5	51.7/50/49.5	
Fan motor	Type	Low noise 4-speed fan motor					
	Model	YSK105-6SC	YSK150-6SC	YSK230-4SC	YSK230-4SC		
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	1	1	1		
Coil	Row	4	4	4	4		
	Max. Working pressure	MPa	1.6	1.6	1.6	1.6	
	Coil length x height	mm	885x305	885x305	1085x305	1085x305	
	Fin spacing	mm	2.2	2.2	2.2	2.2	
	Fin type	Hydrophilic aluminum					
	Number of circuits		4	6	8	8	
Body	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	
	Dimensions	W×H×D	mm	1180x340x612	1180x340x612	1369x340x612	1369x340x612
	Packing	W×H×D	mm	1310x380x693	1310x380x693	1490x380x693	1490x380x693
	Net weight	kg	39.3	40.8	46.3	46.3	
	Gross weight	kg	47	49.6	56.4	56.4	
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
	Drain pipe	mm	ODΦ24	ODΦ24	ODΦ24	ODΦ24	

Model IZFT4-		1600G50-A4A	1800G50-A4A	2000G50-A4A		
Air flow	H/M/L	m³/h	2695/2164/1997	3490/2641/2310	3686/2780/2307	
	H/M/L	CFM	1585/1273/1175	2053/1554/1359	2168/1635/1357	
External Static pressure		Pa	50	50	50	
Cooling	Capacity	H/M/L	kW	13.16/11.24/10.61	16.51/12.59/11.07	19.15/15.64/13.67
	Water flow rate	H/M/L	m³/h	2.37/2.02/1.91	2.97/2.27/1.99	3.45/2.82/2.46
	Water pressure drop	H/M/L	kPa	70.9/54.1/49.1	239.6/150.4/117.8	283.3/199.2/159.7
Heating	Capacity	H/M/L	kW	14.66/11.46/10.76	17.54/13.21/11.67	19.31/15.69/13.63
	Water flow rate	H/M/L	m³/h	2.64/2.06/1.94	3.16/2.38/2.1	3.48/2.83/2.45
	Water pressure drop	H/M/L	kPa	65.5/49.8/43.7	241.9/146.1/115.5	283/193.9/151.5
Power input	H/M/L	W	573/391/341	637/416/358	696/444/384	
Power supply	V/Ph/Hz	220-240/1/50				
Sound pressure level	H/M/L	dB(A)	52.9/50.7/50	53.6/51.1/50.2	54.4/52.7/51.6	
Fan motor	Type	Low noise 4-speed fan motor				
	Model	YSK230-4SC	YSK360-4SC	YSK360-4SC		
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	1	1	1		
Coil	Row	4	4	4		
	Max. Working pressure	MPa	1.6	1.6	1.6	
	Coil length x height	mm	1085x305	1277x305	1277x305	
	Fin spacing	mm	2.2	2.2	2.2	
	Fin type	Hydrophilic aluminum				
	Number of circuits		8	8	8	
Body	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	
	Dimensions	W×H×D	mm	1369x340x612	1500x340x612	1500x340x612
	Packing	W×H×D	mm	1490x380x693	1620x380x693	1620x380x693
	Net weight	kg	46.3	54.8	54.8	
	Gross weight	kg	56.4	64.6	64.6	
Pipe connection	Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	
	Drain pipe	mm	ODΦ24	ODΦ24	ODΦ24	

Note:

- 1.H: high fan speed; M: medium fan speed; L: low fan speed.
- 2.Cooling conditions: Entering water 7°C, temperature rise 5°C, entering air temperature 27°C DB,19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C,enter air temperature 20°C.
- 3.Noise is tested in semi-anechoic test room.

Izumi Fan Coil Unit

High Static Pressure Duct



Model		IZFT3H-800G70A IZFT3H-800EG70A	IZFT3H-1000G70A IZFT3H-1000EG70A	IZFT3H-1200G70A IZFT3H-1200EG70A	IZFT3H-1400G70A IZFT3H-1400EG70A	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	1464/1453/1408	1507/1491/1397	1601/1557/1500	1659/1590/1501	
	CFM	861/855/828	887/877/822	942/916/882	976/935/883	
Standard external static pressure	Pa	70	70	70	70	
Cooling	Capacity (H/M/L)	kW	5.4/5.27/5.08	7.75/7.56/6.98	8.03/7.87/7.49	10.41/10.11/9.69
	Water flow rate(H/M/L)	m³/h	0.97/0.95/0.91	1.39/1.36/1.26	1.45/1.4/1.35	1.87/1.82/1.74
	Water pressure drop(H/M/L)	kPa	14.5/11.7/13.2	35.1/34/30.8	35.3/33.5/31.4	52.1/48.1/44.3
Heating	Capacity (H/M/L)	kW	8.09/7.82/7.42	9.62/9.28/8.85	10.33/10.02/9.17	11.15/10.46/9.65
	Water flow rate(H/M/L)	m³/h	1.47/1.42/1.35	1.75/1.69/1.61	1.88/1.82/1.67	2.03/1.9/1.75
	Water pressure drop(H/M/L)	kPa	25.5/24.2/22.8	42.8/40.8/36.5	55.5/52.8/48.1	47.3/45.5/41.9
Power input (H/M/L)	W	391/375/348	382/363/343	386/372/355	380/364/347	
Auxiliary electric heater (AEH)	W	5000	5000	5000	5000	
Sound power level	Inlet	dB(A)	74/73/71	72/71/70	73/71/70	73/71/70
	Outlet	dB(A)	72/71/69	70/70/69	71/70/69	71/70/69
Fan motor	Type	Low noise 4-speed fan motor				
	Quantity	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	1	1	1	1	
Coil	Row	2	3	3	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6
Net dimensions(WxHxD)	Diameter	mm	Ø9.52	Ø9.52	Ø9.52	
	mm	946x400x816	946x400x816	946x400x816	946x400x816	
Packing size (non-AEH/with-AEH) (WxHxD)	mm	Left connection: 1075x480x857/1075x480x925 Right connection: 1015x480x857/1015x480x925				
Net weight (non-AEH/with-AEH)	kg	50/53	52/55	52/55	54/57	
Gross weight (non-AEH/with-AEH)	kg	55/58	57/60	57/60	59/62	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	

Model		IZFT3H-1600G100A IZFT3H-1600EG100A	IZFT3H-1800G100A IZFT3H-1800EG100A	IZFT3H-2200G100A IZFT3H-2200EG100A	
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m³/h	2272/2126/1911	3177/2983/2327	3411/3034/2588	
	CFM	1336/1251/1124	1869/1755/1369	2007/1785/1522	
Standard external static pressure	Pa	100	100	100	
Cooling	Capacity (H/M/L)	kW	12.99/12.02/11.04	15.25/13.42/12.38	16.71/15.15/13.58
	Water flow rate(H/M/L)	m³/h	2.34/2.16/1.99	2.74/2.42/2.23	3.01/2.73/2.44
	Water pressure drop(H/M/L)	kPa	86/73.4/60.7	129/113/100.1	147.9/124.2/98.6
Heating	Capacity (H/M/L)	kW	14.07/12.91/11.78	18.23/16.84/14.76	19.94/17.26/15.25
	Water flow rate(H/M/L)	m³/h	2.56/2.35/2.14	3.31/3.06/2.68	3.62/3.14/2.77
	Water pressure drop(H/M/L)	kPa	87.8/75.1/63	168/147/127.2	163.7/130.9/102
Power input (H/M/L)	W	546/475/415	782/683/606	887/755/628	
Auxiliary electric heater (AEH)	W	9500	9500	9500	
Sound power level	Inlet	dB(A)	68/67/65	74/72/70	75/72/69
	Outlet	dB(A)	66/65/62	72/70/68	73/70/67
Fan motor	Type	Low noise 4-speed fan motor			
	Quantity	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	2	2	2	
Coil	Row	3	3	3	
	Max. working pressure	MPa	1.6	1.6	1.6
Net dimensions(WxHxD)	Diameter	mm	Ø9.52	Ø9.52	
	mm	1290x400x809	1290x400x809	1290x400x809	
Packing size (non-AEH/with-AEH) (WxHxD)	mm	Left connection: 1448x460x877/1448x460x950 Right connection: 1383x422x877/1368x460x950			
Net weight (non-AEH/with-AEH)	kg	76/82	76/82	76/82	
Gross weight (non-AEH/with-AEH)	kg	83/89	83/89	83/89	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
3. Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room."

District Cooling Duct



Model		IZFS4-200G30	IZFS4-300G30	IZFS4-400G30	IZFS4-500G30	IZFS4-600G30	IZFS4-800G50-A4	
Power supply	V/Ph/Hz	220-240/1/50						
Air flow (H/M/L)	m³/h	430/380/340	600/540/480	700/630/520	900/810/720	1160/1040/930	1400/1342/1200	
	CFM	253/224/200	353/318/282	412/370/305	530/476/424	682/612/547	824/789/705	
Standard external static pressure	Pa	30	30	30	30	30	50	
Cooling	Capacity (H/M/L)	kW	2.05/1.742/1.55	2.61/2.21/1.98	4.03/3.42/3.06	4.57/3.88/3.47	6.39/5.43/4.85	6.93/5.89/5.26
	Water flow rate	L/h	196	249	385	437	610.6	662
	Water pressure drop	kPa	10	10	21	25	53.8	13.3
Power input (H/M/L)	W	47/38/33	65/52/46	78/62/55	92/74/64	116/93/81	144/115/101	
Sound pressure level	dB(A)	38/33/27	39/34/28	39/35/29	41/35/30	42/36/31	48/47/46	
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved blades						
	Quantity	1	2	2	2	2	2	
Coil	Row	4						
	Max. working pressure	MPa	1.6					
	Diameter	mm	Ø9.52					
Net dimensions (WxHxD)	mm	741x241x522	841x241x522	941x241x522	941x241x522	1161x241x522	1180x340x612	
Packing size (WxHxD)	mm	790x260x550	890x260x550	990x260x550	990x260x550	1210x260x550	1310x380x693	
Net weight	kg	15.3	17.5	20.7	20.7	23.5	39.3	
Gross weight	kg	17.6	20	23.1	23.1	26.5	47	
Water inlet/outlet pipe	inch	RC3/4						
Drain pipe	inch	R3/4						

Model		IZFS4-1000G50-A4	IZFS4-1200G50-A4	IZFS4-1400G50-A4	IZFS4-1600G50-A4	IZFS4-1800G50-A4	IZFS4-2000G50-A4	
Power supply	V/Ph/Hz	220-240/1/50						
Air flow (H/M/L)	m³/h	1650/1527/1405	2040/1851/1666	2420/1850/1657	2430/1917/1742	3380/2239/1878	3660/2544/2199	
	CFM	970/898/826	1200/1089/980	1424/1088/975	1431/1128/1025	1988/1317/1105	2153/1496/1295	
Standard external static pressure	Pa	50	50	50	50	50	50	
Cooling	Capacity (H/M/L)	kW	7.57/6.43/5.75	10.11/8.59/7.68	11.5/9.7/8.74	11.74/9.97/8.92	14.74/12.52/11.2	16.1/13.68/12.23
	Water flow rate	L/h	723	966	1099	1122	1408	1538
	Water pressure drop	kPa	16.3	21	25.3	27.8	37.9	48.1
Power input (H/M/L)	W	176/141/123	320/256/224	392/314/274	482/386/337	538/430/376	583/466/408	
Sound pressure level	dB(A)	49/48/47	51/50/48	52/50/49	53/51/50	54/51/50	54/52/51	
Fan motor	Type	Low noise 3-speed fan motor						
	Quantity	1						
Fan	Type	Centrifugal, forward-curved blades						
	Quantity	2	2	2	2	3	3	
Coil	Row	4						
	Max. working pressure	MPa	1.6					
	Diameter	mm	Ø9.52					
Net dimensions (WxHxD)	mm	1180x340x612	1369x340x612	1369x340x612	1369x340x612	1500x340x612	1500x340x612	
Packing size (WxHxD)	mm	1310x380x693	1490x380x693	1490x380x693	1490x380x693	1620x380x693	1620x380x693	
Net weight	kg	40.8	46.3	46.3	46.3	54.8	54.8	
Gross weight	kg	49.6	56.4	56.4	56.4	64.6	64.6	
Water inlet/outlet pipe	inch	RC3/4						
Drain pipe	inch	R3/4						

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. The data are test under standard external static pressure.
3. Cooling conditions: entering water 5.5°C, temperature rise 9°C, entering air temperature 27°C DB/19°C WB.
4. Noise is tested in a semi-anechoic test room.

Izumi Fan Coil Unit

4-Pipe Duct



Model		IZFT3-200FG30A	IZFT3-300FG30A	IZFT3-400FG30A	IZFT3-500FG30A	IZFT3-600FG30A	
Power supply		V/Ph/Hz 220-240/1/50					
Air flow (H/M/L)		m³/h	470/382/285	639/493/374	751/628/457	955/779/589	1204/955/719
		CFM	200/150/100	300/225/150	400/300/200	500/375/250	600/450/300
Standard external static pressure		Pa G30 models: 30					
Cooling	Capacity (H/M/L)	kW	2.01/1.76/1.44	2.76/2.34/1.97	3.37/3.03/2.33	3.49/3.1/2.53	4.82/4.29/3.61
	Water flow rate(H/M/L)	m³/h	0.36/0.32/0.26	0.5/0.42/0.35	0.61/0.55/0.42	0.63/0.56/0.46	0.87/0.77/0.65
	Water pressure drop(H/M/L)	kPa	11/9/6.5	23/17.3/12.7	58.7/55.2/51	142.2/113.4/79.7	24.7/19.9/14.8
Heating	Capacity (H/M/L)	kW	2.33/2.1/1.79	3.07/2.72/2.37	3.8/3.49/2.98	4.51/4.03/3.43	5.5/4.99/4.35
	Water flow rate(H/M/L)	m³/h	0.21/0.19/0.16	0.28/0.25/0.22	0.35/0.32/0.27	0.41/0.37/0.32	0.5/0.46/0.4
	Water pressure drop(H/M/L)	kPa	8.5/7.2/5.8	13.8/11.3/9	18.4/16.2/12.3	31/22.7/17.8	50/42.2/33
Power input	30Pa (H/M/L)	W	61/53/47	76/65/57	88/81/72	108/89/77	136/121/106
Sound power level	30Pa (H/M/L)	dB(A)	60/55/46	56/51/44	59/55/48	62/58/52	63/58/52
Fan motor	Type	Low noise 4-speed fan motor					
	Quantity	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	1	2	2	2	2	
Coil	Row	3	3	3	3	3	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52	
Net dimensions (W×H×D)	mm	741×241×522	841×241×522	941×241×522	941×241×522	1161×241×522	
Packing size (W×H×D)	mm	790×260×555	890×260×555	990×260×555	990×260×555	1210×260×555	
Net weight	kg	15.1	17.5	20.7	20.7	23.5	
Gross weight	kg	17.4	20	23.1	23.1	26.5	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	R3/4	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7 °C, leaving water 12 °C, Entering air temperature 27 °C DB/19 °C WB.
Heating conditions: Entering water 65 °C, leaving water 55 °C, Entering air temperature 20 °C DB.
3. Noise is tested in a reverberation chamber test room."

4-Pipe Duct



Model		IZFT3-800FG30A	IZFT3-1000FG30A	IZFT3-1200FG30A	IZFT3-1400FG30A	
Power supply		V/Ph/Hz 220-240/1/50				
Air flow (H/M/L)		m³/h	1349/1062/820	1749/1350/1006	2099/1698/1145	2226/1720/1173
		CFM	800/600/400	1000/750/500	1200/900/600	1400/1050/700
Standard external static pressure		Pa G30 models: 30				
Cooling	Capacity (H/M/L)	kW	6.16/5.38/4.55	7.15/6.17/5.21	7.36/6.72/5.54	10.16/8.85/7.02
	Water flow rate(H/M/L)	m³/h	1.11/0.97/0.82	1.29/1.11/0.94	1.32/1.21/1	1.83/1.59/1.26
	Water pressure drop(H/M/L)	kPa	26.3/20.6/15.5	32/24.4/18.1	41.3/34.9/24.7	74.8/58.3/39
Heating	Capacity (H/M/L)	kW	6.04/5.41/4.73	7.22/6.43/5.62	8.89/8.09/6.73	9.84/8.78/7.28
	Water flow rate(H/M/L)	m³/h	0.55/0.5/0.43	0.66/0.59/0.52	0.82/0.74/0.62	0.9/0.81/0.67
	Water pressure drop(H/M/L)	kPa	11/8.9/10.4	17.3/14.2/11	27.6/23.3/16.9	33.6/27.6/20
Power input	30Pa (H/M/L)	W	169/144/127	224/197/177	270/234/195	308/238/197
Sound power level	30Pa (H/M/L)	dB(A)	62/57/50	66/60/54	66/62/56	66/62/57
Fan motor	Type	Low noise 4-speed fan motor				
	Quantity	2	2	2	2	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	4	4	4	4	
Coil	Row	3	3	3	3	
	Max. working pressure	MPa	1.6	1.6	1.6	
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	
Net dimensions (W×H×D)	mm	1461×241×522	1566×241×522	1856×241×522	2022×241×522	
Packing size (W×H×D)	mm	1510×260×555	1615×260×555	1905×260×555	2070×260×555	
Net weight	kg	32.4	34.9	40	43.6	
Gross weight	kg	36	38.6	43.5	48.9	
Water inlet/outlet pipe	inch	RC3/4	RC3/4	RC3/4	RC3/4	
Drain pipe	inch	R3/4	R3/4	R3/4	R3/4	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7 °C, leaving water 12 °C, Entering air temperature 27 °C DB/19 °C WB.
Heating conditions: Entering water 65 °C, leaving water 55 °C, Entering air temperature 20 °C DB.
3. Noise is tested in a reverberation chamber test room."

Wall Mounted Series

C Type



S Type

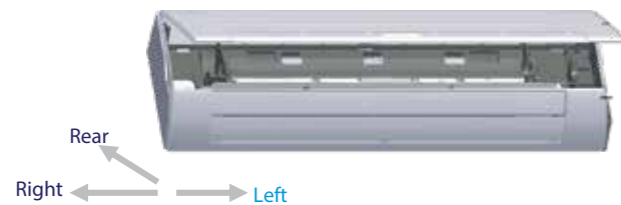


Stylish Panel >>

- Stylish front panel blends easily within any interior décor, ideal for use in shops, restaurants or offices with no or narrow false ceilings.

Convenient Installation >>

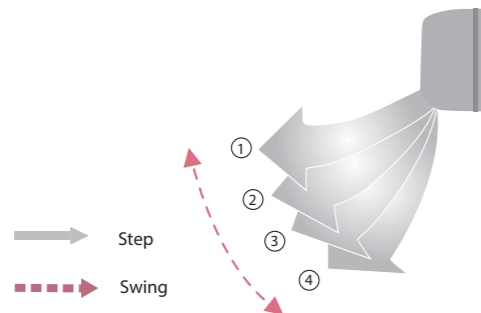
- Multi-directional outlet pipe feature: left/right/rear, to meet the needs of different rooms.



Built-in 3-Way Electromagnetic Valve >>

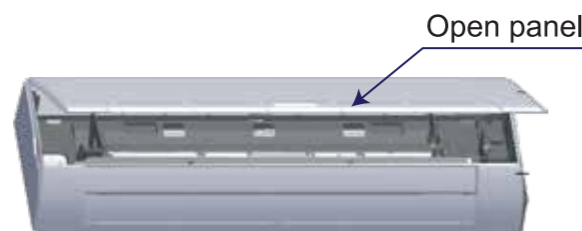
Auto Swing Louver >>

- The Auto Swing Louver function ensures that the air direction corresponds to the mode selected.



Easy Maintenance >>

- Removable front panel making maintenance convenient.



Wall Mounted (C Type)

Model		IZFG-250A	IZFG-300A	IZFG-400A	IZFG-500A	MKG-600A	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m ³ /h	435/396/342	523/426/351	660/534/480	841/723/594	915/836/714	
	CFM	256/233/201	308/251/206	388/314/282	495/425/349	538/492/420	
Cooling	Capacity (H/M/L)	kW	1.94/1.84/1.68	2.64/2.4/1.99	2.94/2.58/2.34	4.01/3.61/3.1	4.61/4.33/3.84
	Water flow rate(H/M/L)	m ³ /h	0.35/0.33/0.3	0.47/0.43/0.36	0.53/0.46/0.42	0.72/0.65/0.56	0.83/0.78/0.69
	Water pressure drop(H/M/L)	kPa	31.6/28.6/25.2	37.5/30/24	57.2/47.6/38.7	47.1/33.5/29.7	51/39.5/34
Heating	Capacity (H/M/L)	kW	2.34/2.15/1.94	2.9/2.6/2.22	3.46/2.75/2.52	4.39/3.8/3.27	4.55/4.2/3.82
	Water flow rate(H/M/L)	m ³ /h	0.43/0.39/0.35	0.53/0.47/0.4	0.63/0.5/0.46	0.8/0.69/0.6	0.83/0.76/0.69
	Water pressure drop(H/M/L)	kPa	35.2/34.9/30	39.3/31.5/25	70.8/55.1/46.2	48.6/40.8/31.7	48/43/33
Power input (H/M/L)	W	35/32/31	47/43/39	50/51/47	60/54/48	72/60/55	
Sound power level	dB(A)	44/42/40	48/43/39	57/51/47	54/50/45	59/55/50	
Fan motor	Type	Low noise 4-speed fan motor					
	Quantity	1	1	1	1	1	
Fan	Type	Tangential fan	Tangential fan	Tangential fan	Tangential fan	Tangential fan	
	Quantity	1	1	1	1	1	
Coil	Row	2	2	2	2	2	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7
Net dimensions (W×H×D)	mm	915×290×210	915×290×210	915×290×210	1070×315×210	1070×315×210	
Packing size (W×H×D)	mm	1020×385×300	1020×385×300	1020×385×300	1180×410×300	1180×410×300	
Net weight	kg	12	12	12	15	15	
Gross weight	kg	16	16.7	16.7	19	19	
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	ODΦ20	ODΦ20	ODΦ20	ODΦ20	ODΦ20	

Wall Mounted (S Type)

Model		IZFG-250-BA	IZFG-300-BA	IZFG-400-BA	IZFG-500-BA	IZFG-600-BA	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m ³ /h	435/396/342	523/426/351	660/534/480	841/723/594	915/836/714	
	CFM	256/233/201	308/251/206	388/314/282	495/425/349	538/492/420	
Cooling	Capacity (H/M/L)	kW	1.94/1.84/1.68	2.64/2.4/1.99	2.94/2.58/2.34	4.01/3.61/3.1	4.61/4.33/3.84
	Water flow rate(H/M/L)	m ³ /h	0.35/0.33/0.3	0.47/0.43/0.36	0.53/0.46/0.42	0.72/0.65/0.56	0.83/0.78/0.69
	Water pressure drop(H/M/L)	kPa	31.6/28.6/25.2	37.5/30/24	57.2/47.6/38.7	47.1/33.5/29.7	51/39.5/34
Heating	Capacity (H/M/L)	kW	2.34/2.15/1.94	2.9/2.6/2.22	3.46/2.75/2.52	4.39/3.8/3.27	4.55/4.2/3.82
	Water flow rate(H/M/L)	m ³ /h	0.43/0.39/0.35	0.53/0.47/0.4	0.63/0.5/0.46	0.8/0.69/0.6	0.83/0.76/0.69
	Water pressure drop(H/M/L)	kPa	35.2/34.9/30	39.3/31.5/25	70.8/55.1/46.2	48.6/40.8/31.7	48/43/33
Power input (H/M/L)	W	35/32/31	47/43/39	50/51/47	60/54/48	72/60/55	
Sound power level	dB(A)	44/42/40	48/43/39	57/51/47	54/50/45	59/55/50	
Fan motor	Type	Low noise 4-speed fan motor					
	Quantity	1	1	1	1	1	
Fan	Type	Tangential fan	Tangential fan	Tangential fan	Tangential fan	Tangential fan	
	Quantity	1	1	1	1	1	
Coil	Row	2	2	2	2	2	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ7
Net dimensions (W×H×D)	mm	915×290×230	915×290×230	915×290×230	1072×315×230	1072×315×230	
Packing size (W×H×D)	mm	1020×390×315	1020×390×315	1020×390×315	1180×415×315	1180×415×315	
Net weight	kg	13	13	13.3	15.8	15.8	
Gross weight	kg	16.3	16.3	16.7	19.4	19.4	
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	ODΦ20	ODΦ20	ODΦ20	ODΦ20	ODΦ20	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7 °C, leaving water 12 °C, Entering air temperature 27 °C DB/19 °C WB.
Heating conditions: Entering water 45 °C, leaving water 40 °C, Entering air temperature 20 °C DB.
3. Noise is tested in a reverberation chamber test room."

Floor-standing / Ceiling&Floor Series

Concealed Type
F3/H3 Series



Exposed Type
(air return from side)
F4/H4 Series



Exposed Type
(air return from bottom)
F5/H5 Series



Flexible Installation >>

- ❖ Cabinet and concealed versions meet various installation requirements.



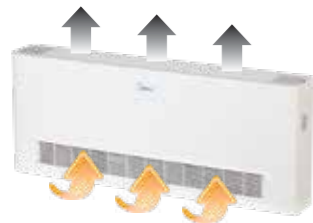
Floor installation



Ceiling installation

Flexible Air Return Type >>

- ❖ Air can return from front or bottom of the unit.



Removable Louver >>

- ❖ Removable louver for easy maintenance.

Floor-standing

Model		IZF3-150A IZF4-150A IZF5-150A	IZF3-250A IZF4-250A IZF5-250A	IZF3-300A IZF4-300A IZF5-300A	IZF3-400A IZF4-400A IZF5-400A
Power supply	V/Ph/Hz	220-240/1/50			
Air flow (H/M/L)	m ³ /h	219/209/143	313/270/190	409/359/305	463/415/359
	CFM	129/123/84	184/159/112	241/211/179	272/244/211
External static pressure	Pa	F3 models: 12; F4/F5 models: 0.			
Cooling	Capacity (H/M/L)	kW	1.48/1.19/1.15	1.57/1.46/1.35	2.19/1.98/1.76
	Water flow rate(H/M/L)	m ³ /h	0.27/0.21/0.21	0.28/0.26/0.24	0.39/0.36/0.32
	Water pressure drop(H/M/L)	kPa	14.5/13/10	13.5/12.8/12.1	25.4/24.6/22.7
Heating	Capacity (H/M/L)	kW	1.63/1.2/1.16	1.97/1.66/1.53	2.59/2.35/2.04
	Water flow rate(H/M/L)	m ³ /h	0.3/0.22/0.21	0.36/0.3/0.28	0.47/0.43/0.37
	Water pressure drop(H/M/L)	kPa	12/11.3/10	22.4/20.8/18.3	36.4/33.5/33
Power input (H/M/L)		W	38/35/32	50/46/43	40/36/33
	F3 (H/M/L)	dB(A)	47/46/45	49/48/47	56/49/43
	F4 (H/M/L)	dB(A)	47/46/45	49/48/47	56/49/43
Sound power level	F5 (H/M/L)	dB(A)	47/46/45	49/48/47	56/49/43
	Type	Low noise 3-speed fan motor			
	Quantity	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades			
	Quantity	1	1	2	2
	Row	3	3	2	2
Coil	Max. working pressure	MPa	1.6	1.6	1.6
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52
	Net dimensions (W×H×D)	mm	550×545×212	550×545×212	750×545×212
Body (F3 series)	Packing size (W×H×D)	mm	639×639×305	639×639×305	839×639×305
	Net weight	kg	17	17	20
	Gross weight	kg	19	19	23.5
Body (F4/F5 series)	Net dimensions (W×H×D)	mm	800×592×225	800×592×225	1000×592×225
	Packing size (W×H×D)	mm	889×683×312	889×683×312	1089×683×312
	Net weight	kg	22.5/22.5	22.5/22.5	26/26
	Gross weight	kg	26.5/26.5	26.5/26.5	31/31
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4
Drain pipe	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16

Model		IZF3-450A IZF4-450A IZF5-450A	IZF3-500A IZF4-500A IZF5-500A	IZF3-600A IZF4-600A IZF5-600A	IZF3-800A IZF4-800A IZF5-800A	IZF3-900A IZF4-900A IZF5-900A
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m ³ /h	605/511/380	722/570/504	862/733/591	1087/1036/665	1274/1164/1025
	CFM	356/301/224	425/335/297	507/431/348	639/609/391	749/685/603
External static pressure	Pa	F3 models: 12; F4/F5 models: 0.				
Cooling	Capacity (H/M/L)	kW	4.03/3.52/2.77	4.43/3.77/3.21	4.68/4.19/3.57	5.22/4.98/4.17
	Water flow rate(H/M/L)	m ³ /h	0.73/0.63/0.5	0.8/0.68/0.58	0.84/0.75/0.64	0.94/0.9/0.75
	Water pressure drop(H/M/L)	kPa	33.3/25.5/18.4	40.4/30.8/23	27/22/18.4	31.4/27.9/24.6
Heating	Capacity (H/M/L)	kW	4.23/3.68/2.57	5.11/3.89/3.64	5.38/4.77/4.02	6.34/6.11/5.08
	Water flow rate(H/M/L)	m ³ /h	0.77/0.67/0.47	0.93/0.71/0.66	0.98/0.87/0.73	1.15/1.11/0.92
	Water pressure drop(H/M/L)	kPa	33.5/32.3/31.2	44/33.7/24.6	27.4/20.8/19.6	38.4/36.5/28.9
Power input (H/M/L)		W	42/40/35	62/41/29	87/76/66	129/120/105
	F3 (H/M/L)	dB(A)	52/47/38	56/52/49	54/50/46	60/57/55
	F4 (H/M/L)	dB(A)	52/47/38	56/52/49	54/50/46	60/57/55
Sound power level	F5 (H/M/L)	dB(A)	52/47/38	56/52/49	54/50/46	60/57/55
	Type	Low noise 3-speed fan motor				
	Quantity	1	1	1	1	1
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	2	2	3	3	3
	Row	3	3	2	2	2
Coil	Max. working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	Φ9.52	Φ9.52	Φ9.52	Φ9.52
	Net dimensions (W×H×D)	mm	950×545×212	950×545×212	1250×545×212	1250×545×212
Body (F3 series)	Packing size (W×H×D)	mm	1039×639×305	1039×639×305	1339×639×305	1339×639×305
	Net weight	kg	25	25	32	32
	Gross weight	kg	29	29	36	36
Body (F4/F5 series)	Net dimensions (W×H×D)	mm	1200×592×225	1200×592×225	1500×592×225	1500×592×225
	Packing size (W×H×D)	mm	1289×683×312	1289×683×312	1589×683×312	1589×683×312
	Net weight	kg	32.5/32.5	32.5/35	39/36.6	39/39
	Gross weight	kg	38/38	38/40	45/42.6	45/45
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4
Drain pipe	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7 °C, leaving water 12 °C, Entering air temperature 27 °C DB/19 °C WB. Heating conditions: Entering water 45 °C, leaving water 40 °C, Entering air temperature 20 °C DB.
3. Noise is tested in a reverberation chamber test room."

Izumi Fan Coil Unit

Ceiling&Floor

Model		IZFH3-150A IZFH4-150A IZFH5-150A	IZFH3-250A IZFH4-250A IZFH5-250A	IZFH3-300A IZFH4-300A IZFH5-300A	IZFH3-400A IZFH4-400A IZFH5-400A	
Power supply	V/Ph/Hz	220-240/1/50				
Air flow (H/M/L)	m³/h	219/209/143	313/270/190	409/359/305	463/415/359	
	CFM	129/123/84	184/159/112	241/211/179	272/244/211	
External static pressure	Pa	H3 models: 12; H4/H5 models: 0				
Cooling	Capacity (H/M/L)	kW	1.48/1.19/1.15	1.57/1.46/1.35	2.19/1.98/1.76	2.49/2.32/2.08
	Water flow rate (H/M/L)	m³/h	0.27/0.21/0.21	0.28/0.26/0.24	0.39/0.36/0.32	0.45/0.42/0.37
	Water pressure drop (H/M/L)	kPa	14.5/13/10	13.5/12.8/12.1	25.4/24.6/22.7	24/22.6/20.9
Heating	Capacity (H/M/L)	kW	1.63/1.2/1.16	1.97/1.66/1.53	2.59/2.35/2.04	2.89/2.56/2.16
	Water flow rate (H/M/L)	m³/h	0.3/0.22/0.21	0.36/0.3/0.28	0.47/0.43/0.37	0.52/0.46/0.39
	Water pressure drop (H/M/L)	kPa	12/11.3/10	22.4/20.8/18.3	36.4/33.5/33	36.3/35.3/32.9
Power input (H/M/L)	W	38/35/32	50/46/43	40/36/33	52/43/37	
Sound power level	H3 (H/M/L)	dB(A)	47/46/45	49/48/47	56/49/43	56/52/47
	H4 (H/M/L)	dB(A)	47/46/45	49/48/47	56/49/43	56/52/47
	H5 (H/M/L)	dB(A)	47/46/45	49/48/47	56/49/43	56/52/47
Fan motor	Type	Low noise 3-speed fan motor				
	Quantity	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades				
	Quantity	1	1	2	2	
	Row	3	3	2	2	
Coil	Max. working pressure	MPa	1.6	1.6	1.6	1.6
	Diameter	mm	Ø9.52	Ø9.52	Ø9.52	Ø9.52
Body (H3 series)	Net dimensions (W×H×D)	mm	550×545×212	550×545×212	750×545×212	750×545×212
	Packing size (W×H×D)	mm	795×640×305	795×640×305	995×640×305	995×640×305
	Net weight	kg	17	17	20	20
	Gross weight	kg	19	19	23.5	23.5
Body (H4/H5 series)	Net dimensions (W×H×D)	mm	800×592×225	800×592×225	1000×592×225	1000×592×225
	Packing size (W×H×D)	mm	982×683×326	982×683×326	1182×683×326	1182×683×326
	Net weight	kg	22.5/22.5	22.5/22.5	26/26	26/26
	Gross weight	kg	26.5/26.5	27/26.5	31/31	31/31
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	ODØ16	ODØ16	ODØ16	ODØ16	

Model		IZFH3-450A IZFH4-450A IZFH5-450A	IZFH3-500A IZFH4-500A IZFH5-500A	IZFH3-600A IZFH4-600A IZFH5-600A	IZFH3-800A IZFH4-800A IZFH5-800A	IZFH3-900A IZFH4-900A IZFH5-900A	
Power supply	V/Ph/Hz	220-240/1/50					
Air flow (H/M/L)	m³/h	605/511/380	722/570/504	862/733/591	1087/1036/665	1274/1164/1025	
	CFM	356/301/224	425/335/297	507/431/348	639/609/391	749/685/603	
External static pressure	Pa	H3 models: 12; H4/H5 models: 0					
Cooling	Capacity (H/M/L)	kW	4.03/3.52/2.77	4.43/3.77/3.21	4.68/4.19/3.57	5.22/4.98/4.17	6.03/5.62/5.08
	Water flow rate (H/M/L)	m³/h	0.73/0.63/0.5	0.8/0.68/0.58	0.84/0.75/0.64	0.94/0.9/0.75	1.09/1.01/0.91
	Water pressure drop (H/M/L)	kPa	33.3/25.5/18.4	40.4/30.8/23	27/22/18.4	31.4/27.9/24.6	27/23.7/18.6
Heating	Capacity (H/M/L)	kW	4.23/3.68/2.57	5.11/3.89/3.64	5.38/4.77/4.02	6.34/6.11/5.08	7.29/6.82/6.01
	Water flow rate (H/M/L)	m³/h	0.77/0.67/0.47	0.93/0.71/0.66	0.98/0.87/0.73	1.15/1.11/0.92	1.32/1.24/1.09
	Water pressure drop (H/M/L)	kPa	33.5/32.3/31.2	44/33.7/24.6	27.4/20.8/19.6	38.4/36.5/28.9	31.8/27.5/22.1
Power input (H/M/L)	W	42/40/35	62/41/29	87/76/66	129/120/105	151/129/105	
Sound power level	H3 (H/M/L)	dB(A)	52/47/38	56/52/49	54/50/46	60/57/55	63/60/56
	H4 (H/M/L)	dB(A)	52/47/38	56/52/49	54/50/46	60/57/55	63/60/56
	H5 (H/M/L)	dB(A)	52/47/38	56/52/49	54/50/46	60/57/55	63/60/56
Fan motor	Type	Low noise 3-speed fan motor					
	Quantity	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades					
	Quantity	2	2	3	3	3	
	Row	3	3	2	2	2	
Coil	Max. working pressure	MPa	1.6	1.6	1.6	1.6	
	Diameter	mm	Ø9.52	Ø9.52	Ø9.52	Ø9.52	
Body (H3 series)	Net dimensions (W×H×D)	mm	950×545×212	950×545×212	1250×545×212	1250×545×212	
	Packing size (W×H×D)	mm	1195×640×305	1195×640×305	1495×640×305	1495×640×305	
	Net weight	kg	25	25	32	32	
	Gross weight	kg	29	29	36	36	
Body (H4/H5 series)	Net dimensions (W×H×D)	mm	1200×592×225	1200×592×225	1500×592×225	1500×592×225	
	Packing size (W×H×D)	mm	1382×683×326	1382×683×326	1682×683×326	1682×683×326	
	Net weight	kg	32.5/32.5	32.5/32.5	39/39	39/39	
	Gross weight	kg	38/38	38/38	45/45	45/45	
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	ODØ16	ODØ16	ODØ16	ODØ16	ODØ16	

Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB.
Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB.
3. Noise is tested in a reverberation chamber test room."

2nd Generation Ceiling&Floor series

Concealed Type
H3 Series



Exposed Type
(air return from bottom)
H2 Series



High Efficiency and Low Sound Operation >>

- ❖ Due to the DC brushless fan motor, the unit operates in high efficiency and low sound level.

Flexible Installation >>

- ❖ Cabinet and concealed versions meet various installation requirements.
- ❖ Horizontal or vertical installation.



Feature >>

- ❖ Ultra-thin, the thickness is only 200mm.

Izumi Fan Coil Unit

2th Generation Ceiling&Floor

Model		IZFH2-150-R3	IZFH2-150-R4	IZFH2-250-R3	IZFH2-250-R4	IZFH2-350-R3	IZFH2-350-R4	
Power supply	V/Ph/Hz	220-240/1/50						
Air flow (H/M/L)	m³/h	255/165/142	255/192/139	400/273/180	425/284/184	595/447/319	595/450/319	
	CFM	150/97/84	150/113/82	235/161/106	250/167/109	350/263/188	350/265/188	
External static pressure	Pa	0						
Cooling	Capacity (H/M/L)	kW	1.65/1.22/1.09	2.25/1.85/1.46	2.65/2.02/1.40	3.05/2.26/1.63	3.85/3.19/2.46	4.20/3.38/2.48
	Water flow rate (H/M/L)	L/h	290/220/190	390/310/250	460/350/240	530/390/270	670/550/420	720/570/430
	Water pressure drop (H/M/L)	kPa	14.89/8.82/6.97	33.19/22.37/14.64	15.75/9.77/4.79	26.71/15.66/8.42	38.23/27.11/16.96	38.35/25.23/14.64
Heating	Capacity (H/M/L)	kW	1.85/1.29/1.13	2.35/1.87/1.40	3.05/2.24/1.52	3.15/2.09/1.38	3.70/2.97/2.25	4.10/3.25/2.39
	Water flow rate (H/M/L)	L/h	310/220/190	400/320/240	510/380/260	540/380/260	700/570/430	730/580/420
	Water pressure drop (H/M/L)	kPa	14.01/7.61/6.15	28.38/19.04/11.3	16.19/9.48/5.01	22.37/12.06/5.86	35.52/24.83/14.91	34.89/22.98/12.90
Power input (H/M/L)	W	35/17/14	40/24/15	47/26/14	47/26/14	51/32/19	51/32/19	
Rated current	A	0.18	0.21	0.20	0.22	0.26	0.28	
Model		MKH2-150-R3	MKH2-150-R4	MKH2-250-R3	MKH2-250-R4	MKH2-350-R3	MKH2-350-R4	
Sound power level (H/M/L)	dB(A)	47/35/34	53/47/39	46/37/31	47/38/32	52/44/36	52/45/37	
Fan motor	Type	AC fan motor						
	Quantity	1	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity	1	1	2	2	2	2	
Coil	Row	3	4	3	4	3	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	495×200×790	495×200×790	495×200×1020	495×200×1020	495×200×1240	495×200×1240
	Packing size (W×H×D)	mm	595×300×895	595×300×895	595×300×1125	595×300×1125	595×300×1345	595×300×1345
	Net weight	kg	16.3	16.7	20.0	20.8	24.0	25.4
	Gross weight	kg	21.8	22.2	26.0	26.8	31.0	32.4
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	

Model		IZFH2-500-R3	IZFH2-500-R4	IZFH2-700-R3	IZFH2-700-R4	IZFH2-800-R3	IZFH2-800-R4	
Power supply	V/Ph/Hz	220-240/1/50						
Air flow (H/M/L)	m³/h	790/560/392	800/574/404	1190/855/555	1150/885/591	1300/1088/782	1300/1132/836	
	CFM	465/330/231	471/338/238	700/503/327	676/521/348	765/641/461	765/667/492	
External static pressure	Pa	0						
Cooling	Capacity (H/M/L)	kW	4.65/3.80/2.92	5.35/4.25/3.31	6.00/5.03/3.71	6.75/5.80/4.24	7.35/6.51/5.15	8.25/7.52/5.87
	Water flow rate (H/M/L)	L/h	810/660/510	920/740/580	1050/860/630	1190/1000/720	1280/1150/890	1400/1280/1000
	Water pressure drop (H/M/L)	kPa	53.31/37.53/23.73	59.4/40.04/25.72	53.79/36.96/21.16	40.26/29.2/16.15	42.27/34.48/21.67	64.72/55.03/34.88
Heating	Capacity (H/M/L)	kW	4.35/3.44/2.62	5.70/4.36/3.22	6.15/4.92/3.49	7.15/5.81/4.04	8.20/7.09/5.46	8.50/7.60/5.72
	Water flow rate (H/M/L)	L/h	860/680/530	950/730/540	1180/940/680	1270/1040/720	1390/1200/900	1450/1250/960
	Water pressure drop (H/M/L)	kPa	52.00/34.23/21.33	56.46/35.05/20.24	57.85/38.53/21.10	42.16/28.68/14.66	43.91/33.56/19.67	61.96/47.46/28.84
Power input (H/M/L)	W	91/54/34	91/54/35	123/98/68	110/89/64	123/109/83	118/104/82	
Rated current	A	0.49	0.51	0.85	0.79	0.95	0.87	
Model		MKH2-500-R3	MKH2-500-R4	MKH2-700-R3	MKH2-700-R4	MKH2-800-R3	MKH2-800-R4	
Sound power level (H/M/L)	dB(A)	59/51/43	59/51/43	63/56/45	62/56/46	62/58/50	62/58/50	
Fan motor	Type	AC fan motor						
	Quantity	1	1	1	1	1	1	
Fan	Type	Centrifugal, forward-curved Blades						
	Quantity	2	2	3	3	3	3	
Coil	Row	3	4	3	4	3	4	
	Max. working pressure	MPa	1.6	1.6	1.6	1.6	1.6	1.6
	Diameter	mm	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94	Φ7.94
Body	Net dimensions (W×H×D)	mm	495×200×1240	495×200×1240	495×200×1360	495×200×1360	591×200×1360	591×200×1360
	Packing size (W×H×D)	mm	595×300×1345	595×300×1345	595×300×1465	595×300×1465	695×300×1465	695×300×1465
	Net weight	kg	24.0	25.4	27.3	28.5	31.7	34.0
	Gross weight	kg	31.0	32.4	34.8	36.0	40.2	42.0
Water inlet/outlet pipe	inch	G3/4	G3/4	G3/4	G3/4	G3/4	G3/4	
Drain pipe	mm	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	ODΦ18.5	

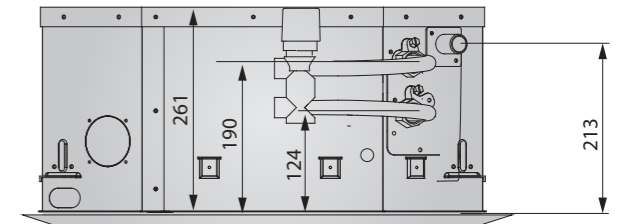
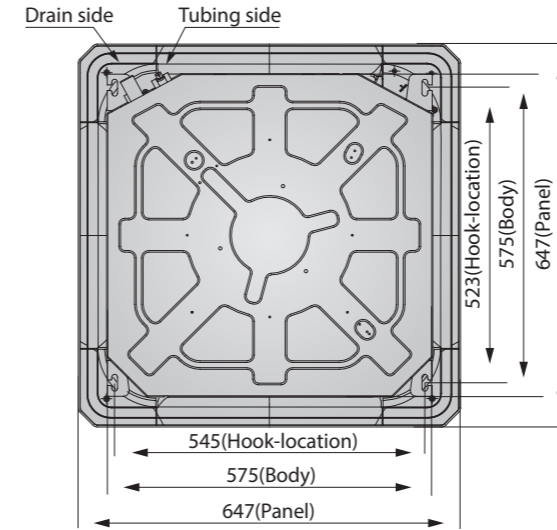
Notes:

1. H: High fan speed; M: Medium fan speed; L: Low fan speed.
2. Cooling conditions: Entering water 7°C, leaving water 12°C, Entering air temperature 27°C DB/19°C WB. Heating conditions: Entering water 45°C, leaving water 40°C, Entering air temperature 20°C DB/15°C WB.
3. Noise is tested in a reverberation chamber.

Compact 4-way cassette ➤

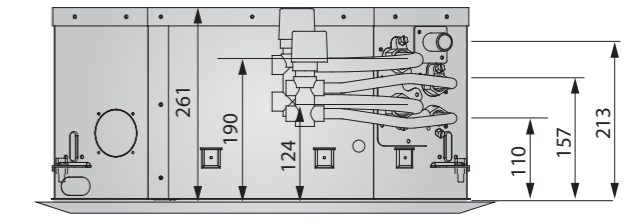
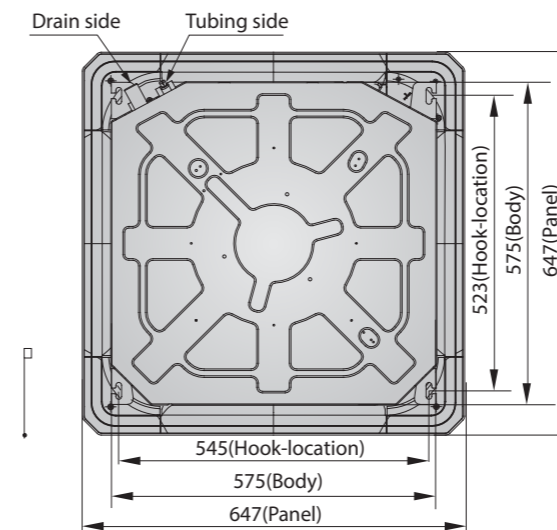
2-pipe compact 4-way cassette

Dimensions (unit: mm)

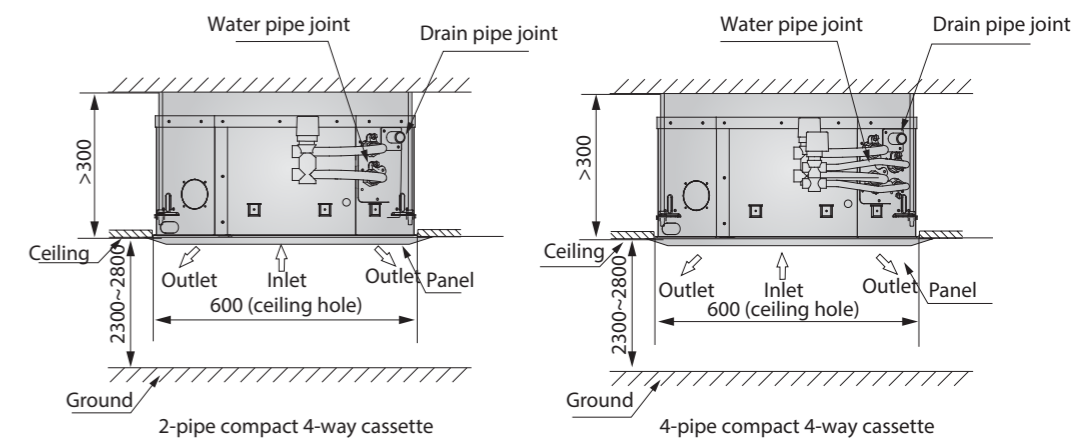
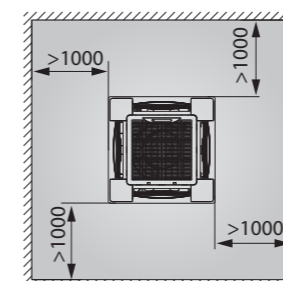


4-pipe compact 4-way cassette

Dimensions (unit: mm)

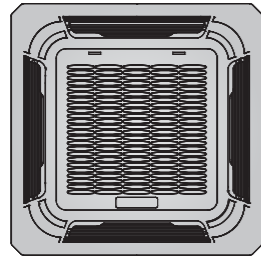


Service Space (unit: mm)



Izumi Fan Coil Unit

Height of the front panel

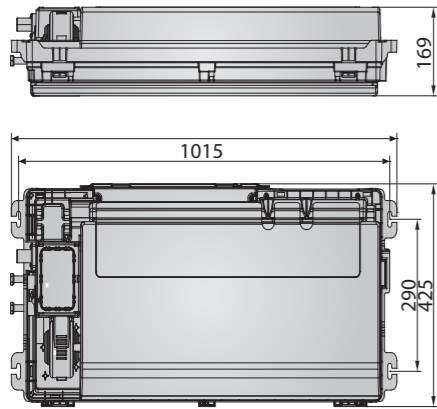


Type	H (mm)
4-way cassette	45
Compact 4-way cassette	50

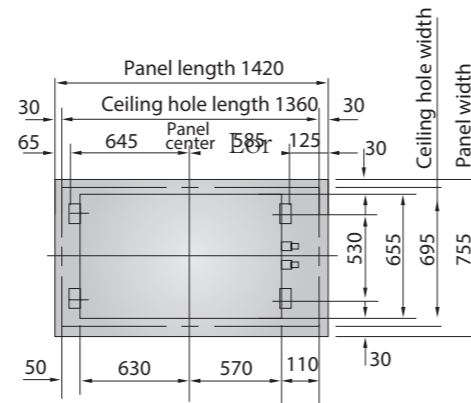
1-way cassette >>

Dimensions (unit: mm)

IZFC-300R(A)-B IZFC-400R(A)-B

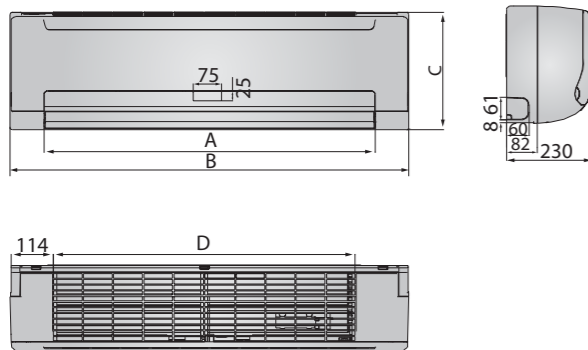


IZFC-600HRN4



Wall mounted - S type >>

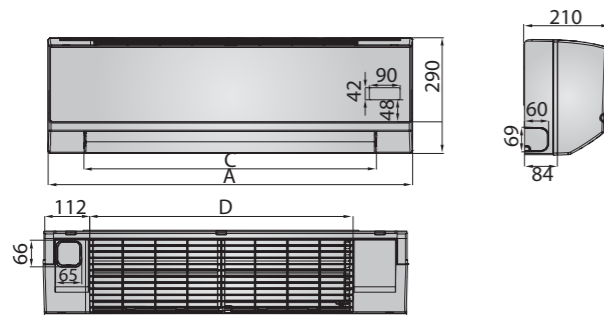
Dimensions (unit: mm)



Model	IZFG-250-B IZFG-300-B IZFG-400-B	IZFG-500-B IZFG-600-B
A	732	892
B	915	1072
C	290	315
D	663	813

Wall mounted - C type >>

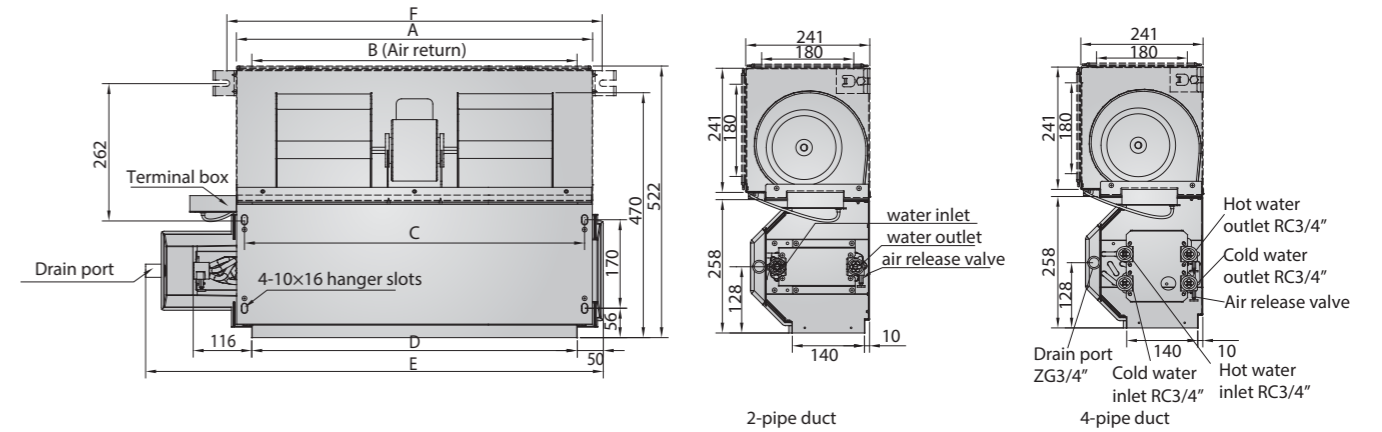
Dimensions (unit: mm)



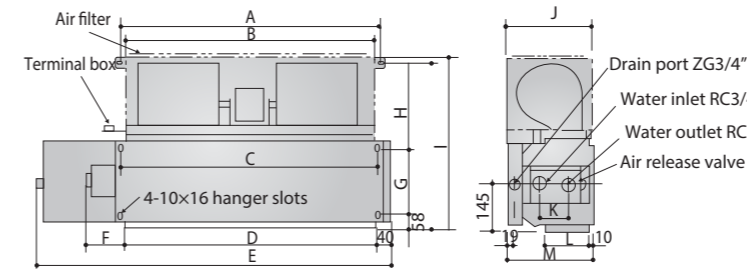
Model	IZFG-250 IZFG-300 IZFG-400	IZFG-500 IZFG-600
A	915	1070
B	290	315
C	725	885
D	670	815

Duct >>

Dimensions (unit: mm)



Size	A	B	C	D	E	F
200CFM	545	485	513	485	741	583
300CFM	645	585	613	585	841	683
400CFM	745	685	713	685	941	783
500CFM	745	685	713	685	941	783
600CFM	965	905	933	905	1161	1003
800CFM	1265	1205	1233	1205	1461	1303
1000CFM	1370	1310	1338	1310	1566	1408
1200CFM	1660	1600	1628	1600	1856	1698
1400CFM	1826	1766	1794	1766	2022	1864

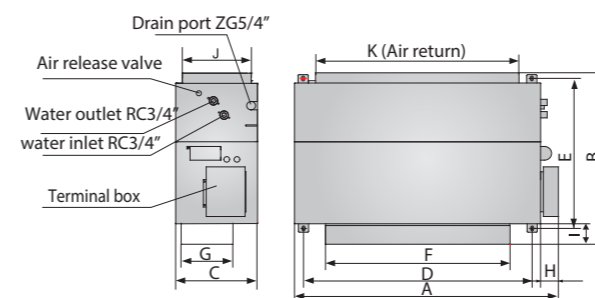


Model	IZFT3-800/1000G50-A4 IZFT4-800/1000G50-A4	IZFT4-1200/1400/ 1500/1600G50-A4	IZFT4-1800/ 2000G50-A4
A	960	1085	1277
B	900	1135	1327
C	910	1112	1308
D	885	1085	1277
E	1180	1369	1500
F	150	160	160
G	195	195	195
H	335	335	335
I	612	612	612
J	342	342	342
K	231	231	231
L	230	230	230
M	340	340	340

Notes:
This figure is for reference only, actual product may differ.
The dotted line in the figure is the dimension for air return plenum.
Units with air return plenum is standard, units without air return plenum can be customized.

High static pressure duct >>

Dimensions (unit: mm)



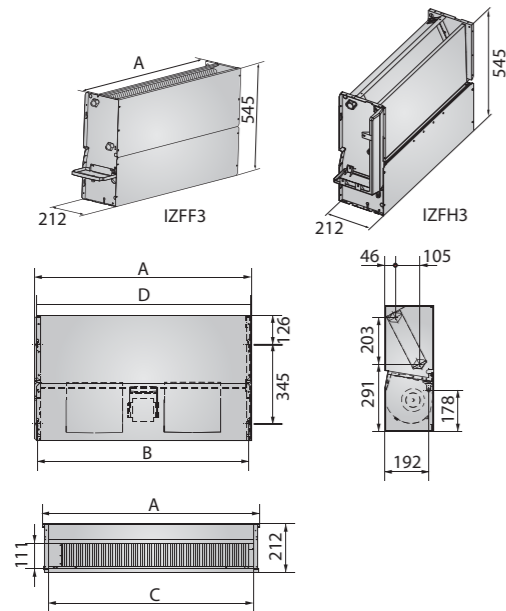
Model	IZFT3H-800G70 IZFT3H-1000G70 IZFT3H-1200G70 IZFT3H-1400G70	IZFT3H-800EG70 IZFT3H-1000EG70 IZFT3H-1200EG70 VT3H-1400EG70	IZFT3H-1600G100 IZFT3H-1800G100 IZFT3H-2200G100	IZFT3H-1600EG100 IZFT3H-1800EG100 IZFT3H-2200EG100
A	946	946	1290	1290
B	816	876	809	874
C	400	400	400	400
D	778	778	1118	1118
E	767	767	765	765
F	306	306	900	900
G	219	219	249	249
H	88	88	88	88
I	37	97	39	104
J	338	338	320	320
K	512	512	995	995

Izumi Fan Coil Unit

Floor-standing / Ceiling&Floor >>

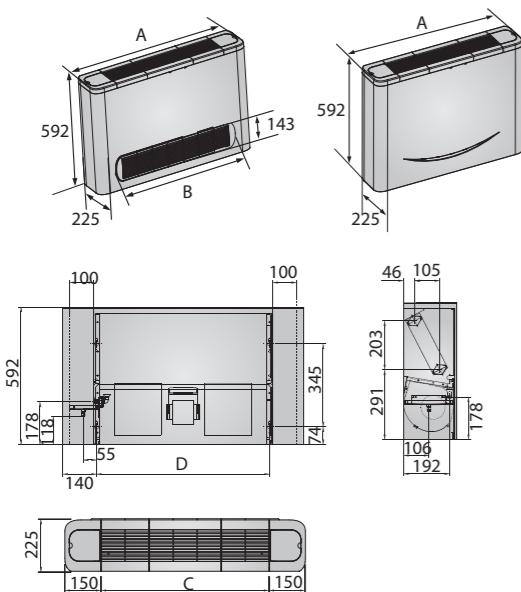
Dimensions (unit:mm)

Concealed type



Model	IZFF(H)3-150/250	IZFF(H)3-300/400	IZFF(H)3-450/500	IZFF(H)3-600~900
A(mm)	550	750	950	1250
B(mm)	526	726	926	1226
C(mm)	500	700	900	1200
D(mm)	532	732	932	1232

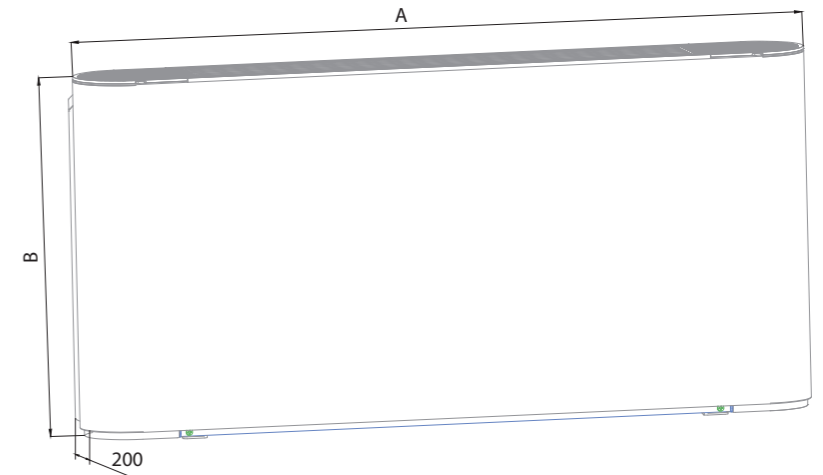
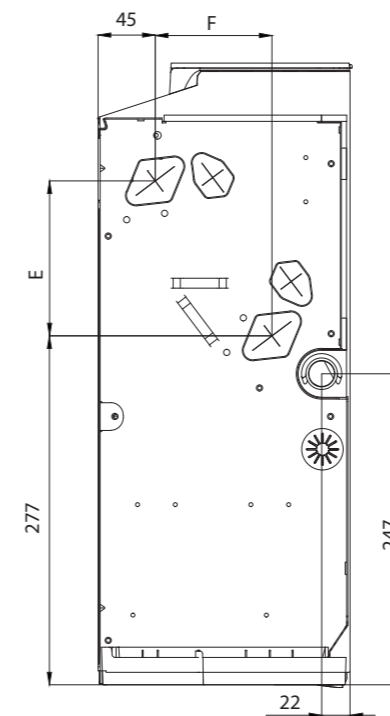
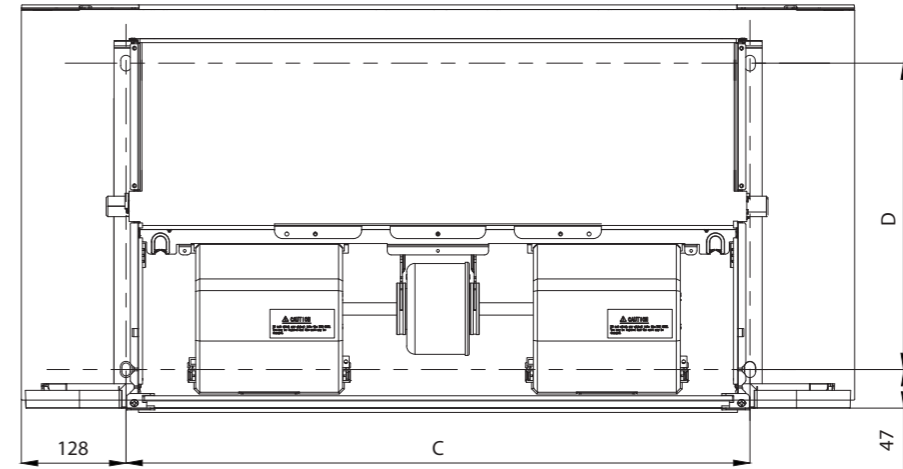
Exposed type



Model	IZF(H)4-150/250 IZF(H)5-150/250	IZF(H)4-300/400 IZF(H)5-300/400	IZF(H)4-450/500 IZF(H)5-450/500	IZF(H)4-600~900 IZF(H)5-600~900
A(mm)	800	1000	1200	1500
B(mm)	584	784	984	1284
C(mm)	500	700	900	1200
D(mm)	526	726	926	1226

2nd generation Ceiling&Floor >>

Dimensions (unit: mm)





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A(mm)	790	1020	1240	1240	1360	1360
B(mm)	495	495	495	495	495	591
C(mm)	523	793	973	973	1093	1093
D(mm)	123	123	123	123	123	219
E(mm)	93	93	93	93	93	102

Control Devices



Wireless Remote Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
R05/BGE		<ul style="list-style-type: none"> LCD display screen Mode control Fan speeds control Time setting / Temp. setting / Swing setting 	4-way Cassette (standard) 1-way Cassette (standard)
R51/E		<ul style="list-style-type: none"> Mode control Fan speeds control Time setting / Temp. setting / Swing setting 	Compact 4-way cassette (standard) Wall-mounted (standard)

Wired Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
KJRP-86A1-E		<ul style="list-style-type: none"> LCD display screen Mode control Fan speeds control Timer setting / Temp. setting 	Duct without electric heater (optional)
KJR-18B/E		<ul style="list-style-type: none"> Mechanical thermostat Mode control Fan speeds control Temp. setting 	Duct without electric heater (optional)
KJR-21B/D		<ul style="list-style-type: none"> LCD display screen Mode control / Fan speeds control Electric heater control Temp. setting 	Duct with electric heater (optional)
KJR-15B/E		<ul style="list-style-type: none"> LCD display screen Mode control Fan speeds control Temperature display in °F or °C 	Floor-standing / Ceiling&Floor (optional)
KJR-29B		<ul style="list-style-type: none"> Receiving remote signal Mode control Fan speeds control Temp. setting 	Cassette / Wall-mounted (optional)
KJR-12B		<ul style="list-style-type: none"> Swing function Mode control Fan speeds control Temp. setting 	Cassette / Wall-mounted (optional)

Centralized Controllers

Model	Appearance	Function Descriptions	Applicable FCUs
CCM09		<ul style="list-style-type: none"> Weekly schedule function Large LCD display screen Max. of 64 FCUs can be controlled by a CCM03 Mode control / fan speed control Time setting / temp. setting / swing setting 	All FCUs (1-way cassette and compact 4-way cassette FCUs need adding NIM01 module, non-PCB FCUs need adding PC board control kit)
CCM30		<ul style="list-style-type: none"> Touch-style keys Large LCD display screen Max. of 64 FCUs can be controlled by a CCM03 Mode control / fan speed control Time setting / temp. setting / swing setting 	

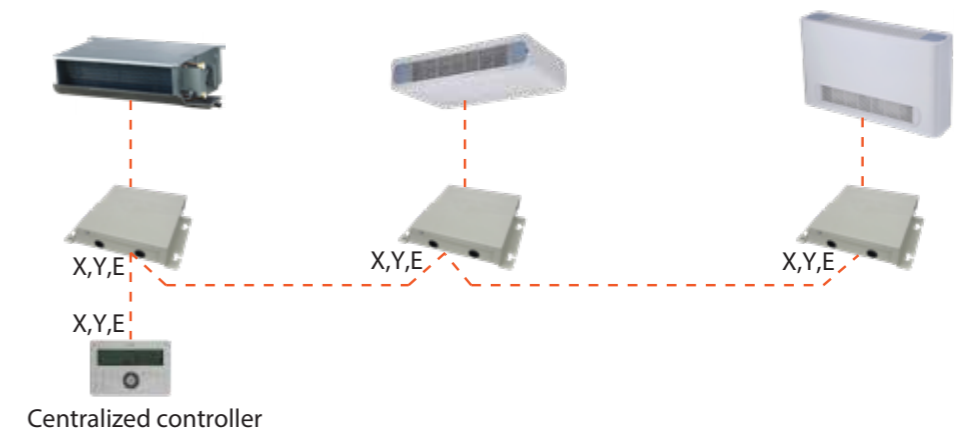
Accessories

PC Board Control Kit for FCU >>



- Available for all non-PCB FCUs.
- Flexibility installation: can be attached to the unit, mounted on a wall or hung under a ceiling.
- External installation making maintenance more convenient.
- Functions: three fan speeds control, Water pump control, Long-distance ON/OFF control, ALARM function, electric heater control.
- Operating status can be displayed by wired controller lamp indicator.
- Centralized control function.
- BMS control function through Modbus protocol.

Centralized control



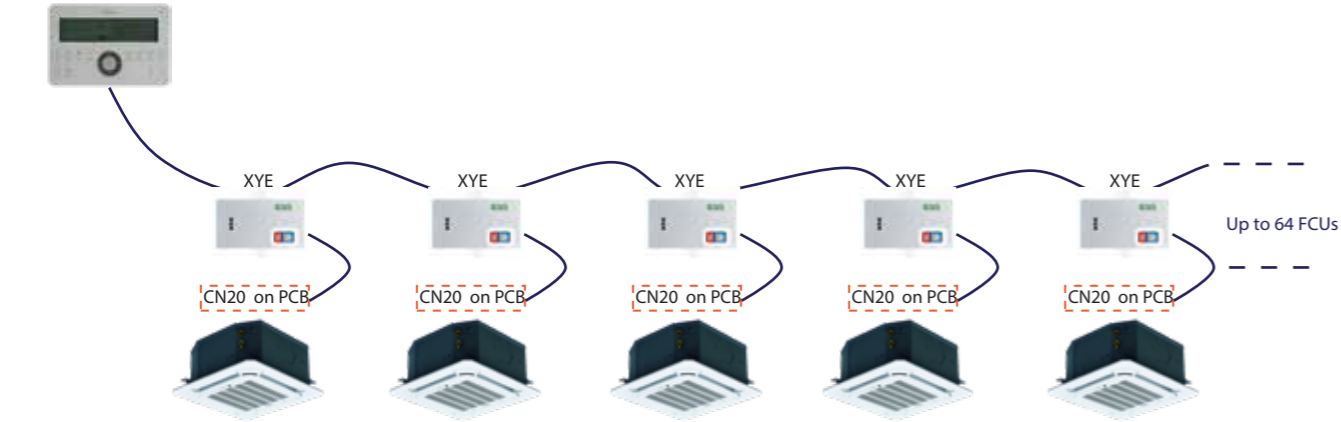
Model	CE-FCUKZ-03		CE-FCUKZ-04
Applicable appliance	2-pipe FCUs		4-pipe FCUs
Power supply	V-Ph-Hz		220~240-1-50/60
Operation range	Room temp.	°C	17-30
	Inlet water temp.	°C	3-75
Temp. controlling precision	°C		±1
Net dimension	W×H×D	mm	296×66×212
Packing size	W×H×D	mm	410×115×262
Net weight			1.4
Gross weight			2.5

Network Module >>

- ❖ Achieve centralized control through XYE connection;
- ❖ Only available for FCU Cassette Series;
- ❖ Address setting should be same as connecting FCU;
- ❖ There LEDs display: operation indicator lamp, communication indicator lamp and malfunction indicator lamp.



Centralized wiring



Valve Kit >>

- ❖ Working Voltage: AC230±10%, 50/60Hz (24V can be customized).
- ❖ Power Consumption: 4W
- ❖ Nominal Pressure: 1.6MPa
- ❖ Applied Medium: Cold or hot water, 50% glycol water liquor.
- ❖ Medium Temperature: 2 - 15°C (DDSTF-01), -20 - 1°C (DDSTF-04/05).
- ❖ Environment Temperature: -5 - 50°C (DDSTF-01), 0 - 50°C (DDSTF-04/05).



Valve Model	DN(mm)	Inner Screw Thread	Applicable Appliance
DDSTF-01	20	3/4"	2-pipe cassette/duct/floor standing, 4-pipe duct
DDSTF-04	15	1/2"	4-pipe cassette (for hot water)
DDSTF-05	20	3/4"	2-pipe ceiling & floor, 4-pipe cassette (for cold water)

Note:
DDSTF-** is the model of valve. The valve kit includes valve, actuator and connecting pipe. For different model of units, the models of valve kit are different.

Application of Central Control & BMS Control



Notice: Please note that the PCB kit and Wired Controller (KJR-15B / KJR-18B / KJR-86A) can not be connected with an Indoor Unit at the same time

