

Cassette



Specification-R410A Cooling & Heating

Model	Indoor		IQ-H181CA/B6		IQ-H241CB6		IQ-H361CA/B6		IQ-H481CA/B6		IQ-H601CA/B6	
	Outdoor		IQ-H181B6		IQ-H241B6		IQ-H361B6		IQ-H481B6		IQ-H601B6	
Capacity	Cooling	Btu/h	1900(200-1900)	2600(400-2590)	3600(600-3590)	4800(1000-900)	6000(1400-5900)	8000(2000-1900)	10000(3000-2900)	12000(4000-3900)	15000(5000-4900)	18000(6000-5900)
	Heating	Btu/h	1900(400-2000)	2590(675-2590)	3590(920-4090)	4790(1570-5000)	5990(1670-6700)	7990(2400-7900)	9990(3000-2900)	12990(4000-3900)	15990(5000-4900)	18990(6000-5900)
Electric Data	Power Supply	V~Hz/Ph	220-240/50/1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1
	Cooling Power Input	kW	1.70(0.47~2.05)	2.20(0.67~2.70)	3.43(0.93~3.80)	5.40(1.21~6.80)	6.79(1.38~7.20)	8.97(2.18~8.80)	11.38(2.70~11.20)	14.41(3.50~14.20)	18.10(4.50~17.90)	22.49(5.60~22.30)
Performance	EER	WW	3.10	3.18	3.08	3.18	3.08	3.18	3.08	3.18	3.08	
	COP	WW	3.61	3.66	3.61	3.66	3.61	3.66	3.61	3.66	3.61	
Dimension (WxDxH)	Net	mm	570x570x280	840x840x280	1110x1110x280	1380x1380x280	1650x1650x280	1920x1920x280	2190x2190x280	2460x2460x280	2730x2730x280	
	Packing	mm	720x650x290	910x910x310	1100x1100x310	1390x1390x310	1680x1680x310	1970x1970x310	2260x2260x310	2550x2550x310	2840x2840x310	
Weight	Net	kg	16	25	28	32	36	40	44	48	52	
	Gross	kg	18.5	29	30	34	38	42	46	50	54	

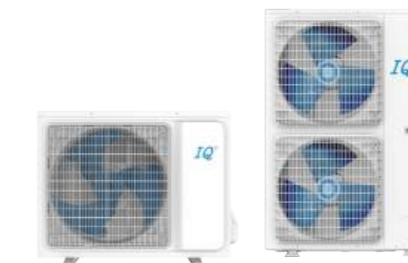
Mid ESP Duct



Specification-R410A Cooling & Heating

Model	Indoor		IQ-H181HD/B6		IQ-H241HD/B6		IQ-H301HD/B6	
	Outdoor		IQ-H181B6		IQ-H241B6		IQ-H301B6	
Capacity	Cooling	Btu/h	18000(5200-19100)	24000(7400-25900)	30000(9200-10100)	36000(11200-12100)	42000(13200-14100)	48000(15200-16100)
	Heating	Btu/h	19100(4800-20300)	25900(6750-25930)	32700(9200-10100)	39500(11200-12100)	46300(13200-14100)	53100(15200-16100)
Electric Data	Power Supply	V~Hz/Ph	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1
	Cooling Power Input	kW	1.65(0.47~2.05)	2.20(0.67~2.70)	2.85(0.72~3.25)	3.40(0.82~3.80)	4.05(1.01~4.45)	4.70(1.18~5.10)
Performance	EER	WW	3.20	3.18	3.18	3.18	3.18	3.18
	COP	WW	3.61	3.66	3.61	3.66	3.61	3.66
Dimension (WxDxH)	Net	mm	1000x700x245	1000x700x245	1000x700x245	1000x700x245	1000x700x245	1000x700x245
	Packing	mm	1230x830x300	1230x830x300	1230x830x300	1230x830x300	1230x830x300	1230x830x300
Weight	Net	kg	29	29	29	29	29	29
	Gross	kg	34	34	34	34	34	34
Piping size	Liquid Side	mm(inch)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)

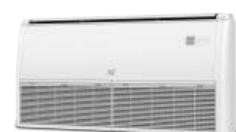
Outdoor Unit



Specification-R410A Cooling & Heating

Model	Outdoor		IQ-H121/B6		IQ-H181/B6		IQ-H241/B6		IQ-H301/B6	
	Outdoor		IQ-H121B6		IQ-H181B6		IQ-H241B6		IQ-H301B6	
Capacity	Cooling	Btu/h	18000(5200-19100)	24000(7400-25900)	30000(9200-10100)	36000(11200-12100)	42000(13200-14100)	48000(15200-16100)	54000(17200-18100)	60000(19200-20100)
	Heating	Btu/h	19100(4800-20300)	25900(6750-25930)	32700(9200-10100)	39500(11200-12100)	46300(13200-14100)	53100(15200-16100)	59900(17200-18100)	66700(19200-20100)
Electric Data	Power Supply	V~Hz/Ph	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1
	Cooling Power Input	kW	1.65(0.47~2.05)	2.20(0.67~2.70)	2.85(0.72~3.25)	3.40(0.82~3.80)	4.05(1.01~4.45)	4.70(1.18~5.10)	5.35(1.38~5.75)	6.00(1.50~6.40)
Performance	EER	WW	3.20	3.18	3.18	3.18	3.18	3.18	3.18	3.18
	COP	WW	3.61	3.66	3.61	3.66	3.61	3.66	3.61	3.66
Dimension (WxDxH)	Net	mm	1000x700x245	1000x700x245	1000x700x245	1000x700x245	1000x700x245	1000x700x245	1000x700x245	1000x700x245
	Packing	mm	1230x830x300	1230x830x300	1230x830x300	1230x830x300	1230x830x300	1230x830x300	1230x830x300	1230x830x300
Weight	Net	kg	29	29	29	29	29	29	29	29
	Gross	kg	34	34	34	34	34	34	34	34
Piping size	Liquid Side	mm(inch)	6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch)	12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)

Ceiling & Floor



Specification-R410A Cooling & Heating

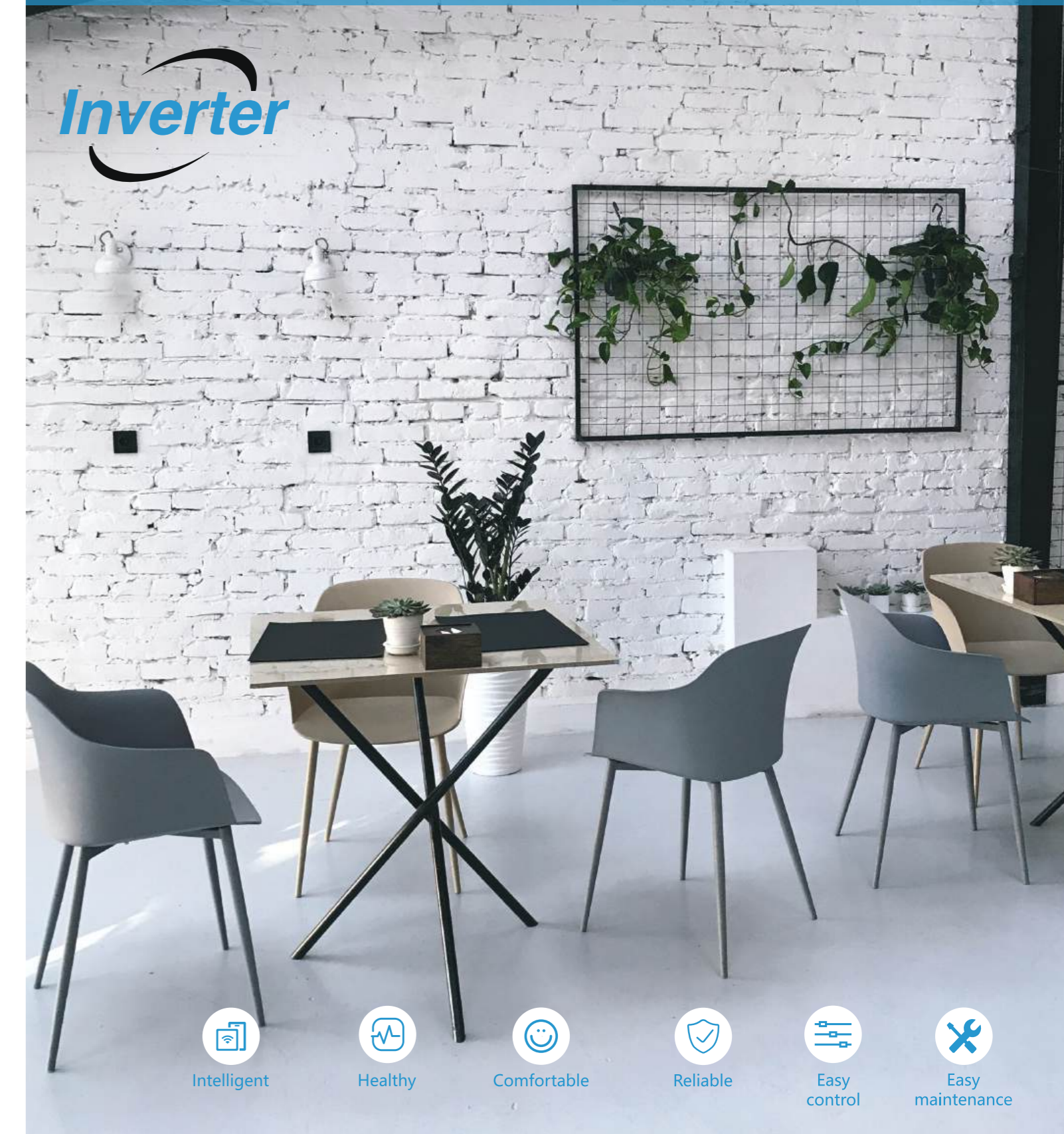
Model	Indoor		IQ-H181UC/B6		IQ-H241UC/B6		IQ-H361UC/B6		IQ-H481UC/B6		IQ-H601UC/B6	
	Outdoor		IQ-H181B6		IQ-H241B6		IQ-H361B6		IQ-H481B6		IQ-H601B6	
Capacity	Cooling	Btu/h	18000(5200-19100)	24000(7400-25900)	30000(9200-10100)	36000(11200-12100)	42000(13200-14100)	48000(15200-16100)	54000(17200-18100)	60000(19200-20100)	66000(21200-22100)	72000(23200-24100)
	Heating	Btu/h	19100(4800-20300)	25900(6750-25930)	32700(9200-10100)	39500(11200-12100)	46300(13200-14100)	53100(15200-16100)	59900(17200-18100)	66700(19200-20100)	73500(21200-22100)	80300(23200-24100)
Electric Data	Power Supply	V~Hz/Ph	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1
	Cooling Power Input	kW	1.63(0.47~2.05)	2.20(0.67~2.70)	3.43(0.93~3.80)	5.02(1.21~6.80)	6.79(1.38~7.20)	8.56(2.18~8.96)	10.33(2.70~10.73)	12.10(3.18~12.50)	13.87(3.70~14.27)	15.64(4.30~16.04)
Performance	EER	WW	3.24	3.18	3.08	3.18	3.08	3.18	3.08	3.18	3.08	
	COP	WW	3.80	3.66	3.56	3.72	3.56	3.72	3.56	3.72	3.56	
Dimension (WxDxH)	Net	mm	950x700x550	1200x800x600	1450x900x650	1700x1000x700	1950x1100x750	2200x1200x800	2450x1300x850	2700x1400x900	2950x1500x950	
	Packing	mm	1080x800x620	1330x900x670	1580x1000x720	1830x1100x770	2080x1200x820	2330x1300x870	2580x1400x920	2830x1500x970	3080x1600x1020	
Weight	Net	kg	32	33	34	35	36	37	38	39	40	
	Gross	kg	37	38	39	40	41	42	43	44	45	

Specification-R410A Cooling & Heating

Model	Indoor		IQ-H361HD/B6		IQ-H481HD/B6		IQ-H601HD/B6	
	Outdoor		IQ-H361B6		IQ-H481B6		IQ-H601B6	
Capacity	Cooling	Btu/h	36000(12280-37530)	48000(14330-51250)	60000(16400-59000)	72000(18450-71450)	84000(20500-79450)	96000(22550-84450)
	Heating	Btu/h	39880(9210-40940)	52000(15700-58000)	64000(17750-64000)	76000(19800-71450)	88000(21850-84450)	100000(23900-89450)
Electric Data	Power Supply	V~Hz/Ph	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1
	Cooling Power Input	kW	3.50(0.93~3.80)	5.02(1.21~6.80)	6.54(1.63~7.20)	8.06(2.05~8.80)	9.58(2.45~10.20)	11.10(2.85~12.00)
Performance	EER	WW	3.01	2.80	2.70	2.70	2.70	2.70
	COP	WW	3.72	3.20	3.20	3.20	3.20	3.20
Dimension (WxDxH)	Net	mm	1000x700x245	1400x700x245	1400x700x245	1400x700x245	1400x700x245	1400x700x245
	Packing	mm	1230x830x300	1630x830x300	1630x830x300	1630x830x300	1630x830x300	1630x830x300
Weight	Net	kg	32	39	40	40	40	40
	Gross	kg	36	45.5	46	46	46	46
Piping size	Liquid Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)

Specification-R410A Cooling & Heating

Model	Outdoor		IQ-H361/B6		IQ-H481/B6		IQ-H601/B6	
	Outdoor		IQ-H361B6		IQ-H481B6		IQ-H601B6	
Capacity	Cooling	Btu/h	36000(12280-37530)	48000(14330-51250)	60000(16400-59000)	72000(18450-71450)	84000(20500-79450)	96000(22550-84450)
	Heating	Btu/h	39880(9210-40940)	52000(15700-58000)	64000(17750-64000)	76000(19800-71450)	88000(21850-84450)	100000(23900-89450)
Electric Data	Power Supply	V~Hz/Ph	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1	220-240V~50,1
	Cooling Power Input	kW	3.50(0.93~3.80)	5.02(1.21~6.80)	6.54(1.63~7.20)	8.06(2.05~8.80)	9.58(2.45~10.20)	11.10(2.85~12.00)
Performance	EER	WW	3.01	2.80	2.70	2.70	2.70	2.70
	COP	WW	3.72	3.20	3.20	3.20	3.20	3.20
Dimension (WxDxH)	Net	mm	1000x700x245	1400x700x245	1400x700x245	1400x700x245	1400x700x245	1400x700x245
	Packing	mm	1230x830x300	1630x830x300	1630x830x300	1630x830x300	1630x830x300	1630x830x300
Weight	Net	kg	32	39	40	40	40	40
	Gross	kg	36	45.5	46	46	46	46
Piping size	Liquid Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Gas Side	mm(inch)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)	15.88(5/8)



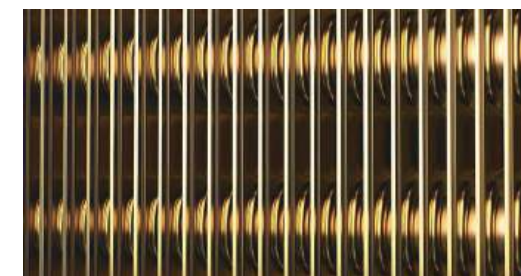
- Intelligent
- Healthy
- Comfortable
- Reliable
- Easy control
- Easy maintenance



DC Inverter Series

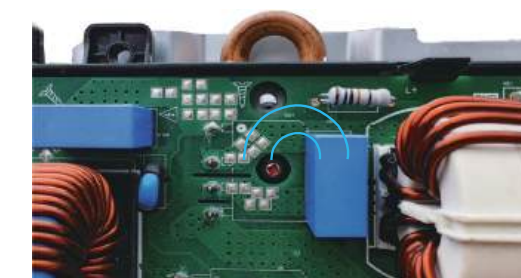
▶ Golden Anti-corrosion Fin

Upgraded with an Anti-corrosion Fin that is better suited for the coastal regions.



▶ Refrigerant-cooling PCB

The latest refrigerant in cooling technology is adopted to improve the heat dissipation of the PC Board, ensuring safe and stable operation of the PC Board, and prolongs the lifespan.



▶ New Inverter Technology(patent)

The new patented inverter technology without Electrolytic capacitor solves after-sales problems such as capacitor bulge and leakage in the traditional Electrolytic capacitor drive scheme.



capacitor bulge and leakage



▶ Coated Circuit Board

The circuit board is coated with protective coating to avoid the impact of humidity on the PC Board.



▶ Inverter Compressor

The compressor adopts the latest DC inverter technology, which greatly improves performance and saves up to 30% energy.

Feature

CASSETTE

MID ESP DUCT

CEILING&FLOOR

Feature

▶ 5-Fold Exchanger

Adopts a 5-fold evaporator, which has a larger heat exchange area and a 12% increase in heat efficiency compared to the traditional 4 - fold evaporator.



▶ Long Distance Air Supply

The air supply reaches 4m, meeting the required heights..



▶ Sleep Mode

Convenient sleep mode function.



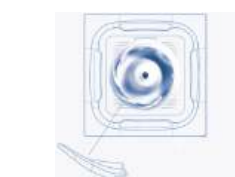
▶ Circular Air Supply

The Circular air flow makes the air diffuse in a 360° direction therefore the temperature distribution is more variable.



▶ Higher Air Volume

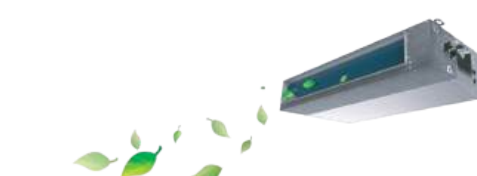
A large barrel fan for higher air volume and lower noise.



Feature

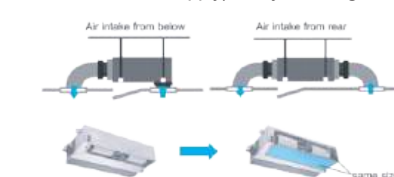
▶ Fresh Air Inlet

Fresh air inlet ensures constant fresh air in the room.



▶ Two Supply Air Modes

Two supply air modes can be selected (back supply and bottom supply), Easy to change



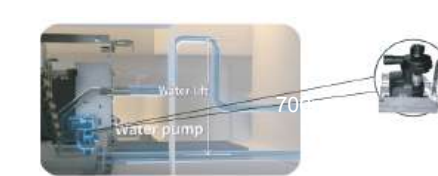
▶ Electronic Control is Easy to Maintain

Quickly remove 1 screw from the left and right end cover. Change the direction of output line without maintenance.



▶ Silent Water Pump

Ultra Silent water pump.



▶ W Type High Efficiency Filter

Easy disassembly (No Screws)
Convenient to wash
High efficiency (W type)



▶ Double Drain Holes

Double drainage design on the left and right side of the water plate, flexible to adapt to the installation site.



Feature

▶ Long Air Supply Distance

Up to 14m, to meet large room requirement.



▶ Anti-condensation

Industry-leading anti-condensation insulation design of the air outlet.



▶ Easy Drainage

Left and right water outlet designed for the water connection plate, flexible for installation.



▶ Smart Design Display Board

The display board is moisture proof with excellent sealing capabilities.



▶ Safe and Reliable

Separate design of power and communication terminal to ensure safety.



▶ Easy Maintenance

Sufficient space to maintain no need to remove the whole electrical control box.

