

One-way Cassette



Meeting corner location requirements and at the same time maintaining the required visual appearance.

Key Features

One-way Cassette	DC Series	AC Series	
Comfort	Quiet operation	●	●
	0.5°C/1°C setting temperature adjustment	●	●
	Digital display on/off	●	●
	Buzzer sound on/off	●	●
Health	Fresh air intake	● (45 to 71)	● (45 to 71)
	Dirty filters indicator signal	●	●
Air flow	Multiple fan speeds	7+auto	3+auto
	Multiple steps vertical swing	5+auto	5+auto
Easy installation	Minimized height	●	●
	High-lift drain pump	Rated head: 1200mm Raise height: 750mm	Rated head: 1200mm Raise height: 750mm

Note:
●: equipped as standard

COMFORT

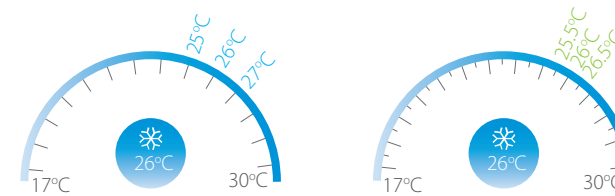
Quiet Operation

The One-way Cassette's optimized, low resistance air outlets reduce noise levels to as low as 22dB(A).



0.5°C/1°C Setting Temperature Adjustment

Set temperature can be adjusted in 0.5°C or 1°C steps, enabling precise comfort control.



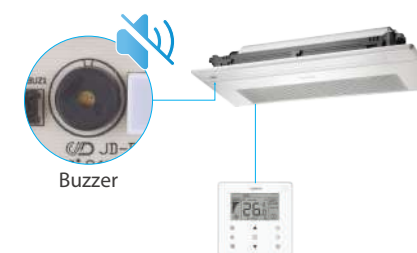
Digital Display On/Off

Indoor unit displays can be shut off at night, creating a better environment for rest.



Buzzer Sound On/Off

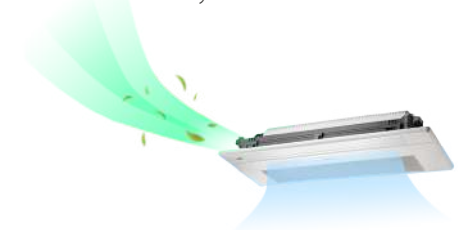
Indoor unit buzzer sound can be set off to not disturb the user, creating a quieter environment.



HEALTH

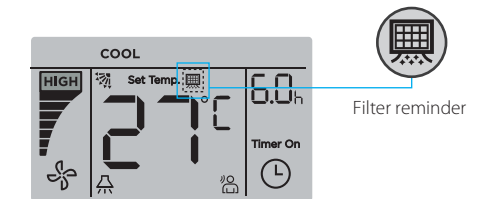
Fresh Air Intake

A reserved outside air intake port allows outdoor fresh air to be introduced directly into the unit, negating the need for a separate ventilation system.



Dirty Filters Indicator Signal

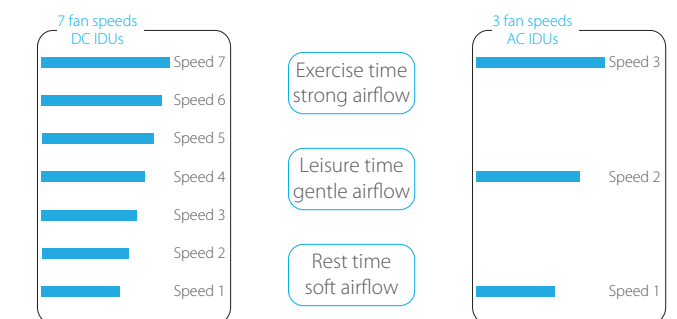
The filter indicator will be on when the running time reaches a certain time to remind user to clean the filter.



AIR FLOW

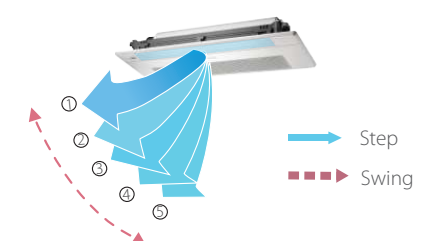
Multiple Fan Speeds

The DC Series comes with 7 indoor fan speed options and AC Series with 3 indoor fan speed options to meet the needs of different indoor conditions.



Multiple Steps Vertical Swing

There are 5-steps louver control makes the air flow direction more precisely. In addition, the auto swing mode can better meet different customer needs.



Specifications - DC Series

Model			IU-18Q1RFMD	IU-22Q1RFMD	IU-28Q1RFMD	IU-36Q1RFMD
Power supply	1-phase, 220-240V, 50/60Hz					
Cooling ¹	Capacity	kW	1.8	2.2	2.8	3.6
		kBtu/h	6.1	7.5	9.6	12.3
Heating ²	Capacity	kW	2.2	2.6	3.2	4
		kBtu/h	7.5	8.9	10.9	13.6
Indoor fan motor	Type	DC				
	Quantity	1				
Refrigerant type	R410A					
Airflow rate ³	m ³ /h	380/355/330/300/286/263/240			460/440/410/380/355/330/300	
	CFM	224/209/194/177/168/155/141			271/259/241/224/209/194/177	
Sound pressure level ⁴	dB(A)		30/28/27/26/25/24/22		37/36/35/34/32/31/30	38/37/35/34/32/31/30
Indoor unit	Dimension ⁵ (WxHxD)	mm (inch)	1054x153x425(41-1/2x6-1/32x16-47/64)			
	Packing (WxHxD)	mm (inch)	1155x245x490(45-15/32x9-41/64x19-19/64)			
	Net/Gross weight	kg (lbs)	11.8/15.3(26.0/33.7)		12.3/15.8(27.1/34.8)	
Panel	Dimension (WxHxD)	mm (inch)	1180x25x465(46-29/64x63/64x18-5/16)			
	Packing (WxHxD)	mm (inch)	1232x107x517(48-1/2x4-7/32x20-23/64)			
	Net/Gross weight	kg (lbs)	3.5/5.2(7.7/11.4)			
Pipe connections	Liquid pipe	mm (inch)	Φ6.35(1/4)			
	Gas pipe	mm (inch)	Φ12.7(1/2)			
	Drain pipe	mm (inch)	OD Φ32(1-1/4)			

Model			IU-45Q1RFMD	IU-56Q1RFMD	IU-71Q1RFMD
Power supply	1-phase, 220-240V, 50/60Hz				
Cooling ¹	Capacity	kW	4.5	5.6	7.1
		kBtu/h	15.4	19.1	24.2
Heating ²	Capacity	kW	5	6.3	8
		kBtu/h	17.1	21.5	27.3
Indoor fan motor	Type	DC			
	Quantity	1			
Refrigerant type	R410A				
Airflow rate ³	m ³ /h	693/662/638/600/556/510/476		792/763/728/688/643/589/549	
	CFM	408/390/376/353/327/300/280		466/449/428/405/378/347/323	
Sound pressure level ⁴	dB(A)		39/37/36/35/34/32/31		43/41/40/39/37/36/35
Indoor unit	Dimension ⁵ (WxHxD)	mm (inch)	1275x189x450(50-13/64x7-7/16x17-23/32)		
	Packing (WxHxD)	mm (inch)	1370x295x505(53-15/16x11-39/64x19-7/8)		
	Net/Gross weight	kg (lbs)	16.1/20.4(35.4/44.9)		17.6/22.4(38.7/49.3)
Panel	Dimension (WxHxD)	mm (inch)	1350x25x505(53-5/32x63/64x19-7/8)		
	Packing (WxHxD)	mm (inch)	1410x95x560(55-33/64x3-47/64x22-3/64)		
	Net/Gross weight	kg (lbs)	4/5.4(8.8/11.9)		
Pipe connections	Liquid pipe	mm (inch)	Φ6.35(1/4)		Φ9.53(3/8)
	Gas pipe	mm (inch)	Φ12.7(1/2)		Φ15.9(5/8)
	Drain pipe	mm (inch)	OD Φ32(1-1/4)		

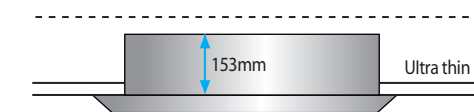
Notes:

- Indoor air temperature 27°C (80.6°F) DB, 19°C (66.2°F) WB; outdoor air temperature 35°C (95.0°F) DB; equivalent refrigerant piping length 7.5m (24.6ft) with zero level difference.
- Indoor air temperature 20°C (68.0°F) DB; outdoor air temperature 7°C (44.6°F) DB, 6°C (42.8°F) WB; equivalent refrigerant piping length 7.5m (24.6ft) with zero level difference.
- Each model's 7 airflow rate options are listed in order, from highest to lowest.
- Each model's 7 sound pressure levels are listed in order from highest to lowest and correspond to the model's 7 airflow rate options (see Note 3).
Sound pressure level is measured 1.4m (4.6ft) below the unit in a semi-anechoic chamber.
- Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

EASY INSTALLATION

Easy Installation

The slim, compact design make the One-way Cassette ideal for interiors with limited ceiling space. Models 18 to 36 are just 153mm high whilst models 45 to 71 are 189mm high.



High-lift Drain Pump

A drain pump with a 750mm raise height is fitted as standard, simplifying installation of the drain piping.

