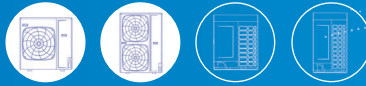




Turn to the experts

OUTDOOR





SIDE DISCHARGE

Compact design for flexible application in small or narrow spaces

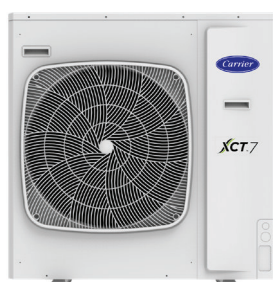
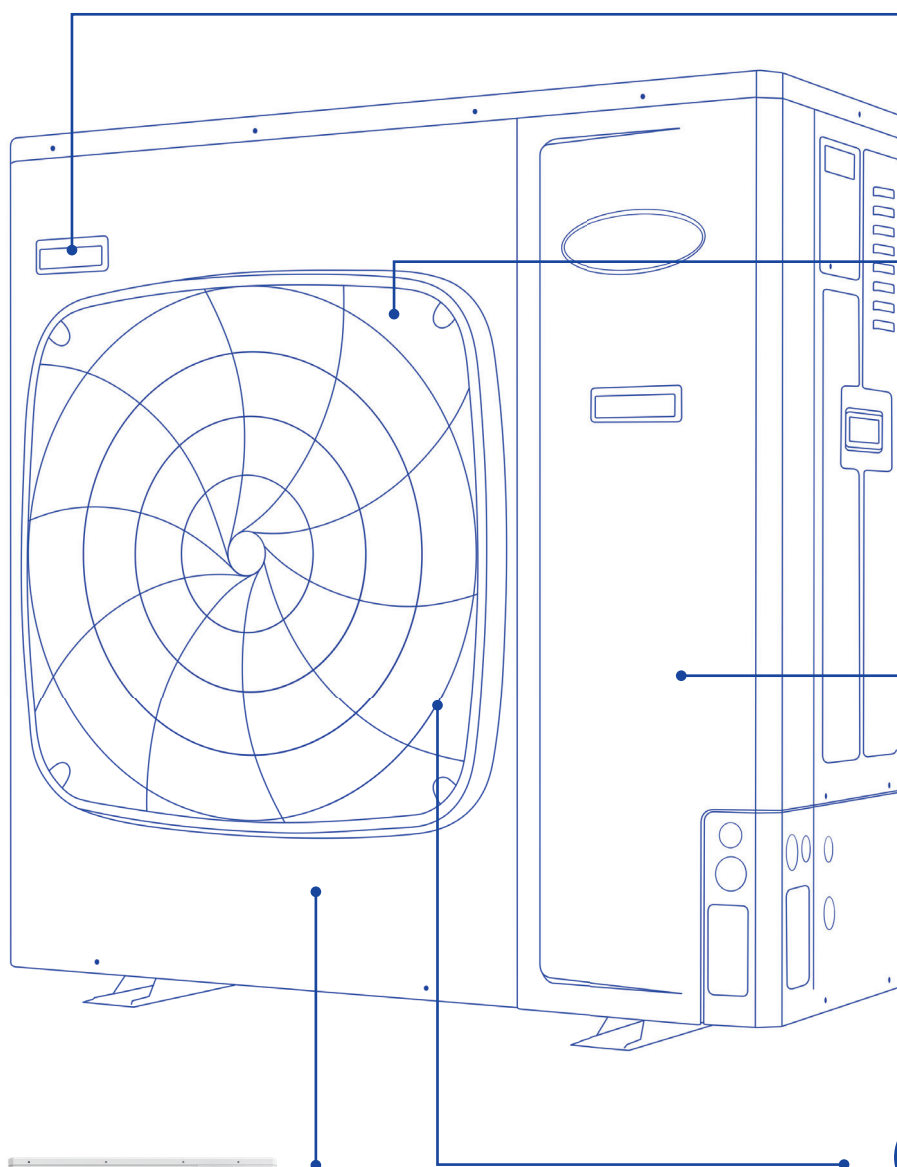


Carrier Product Benefits

4/5 HP



OUTDOOR



Compact design

- Lower to 90 kg net weight
- Compact design with only 0.35 m² footprint
- Limited refrigerant charge with 3.3 kg



Superior Comfort

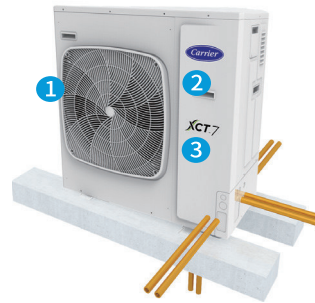
New aerodynamic fan

550 mm super big diameter aerospace helix fan lowers sound level by 3 dB(A)



Easy Installation

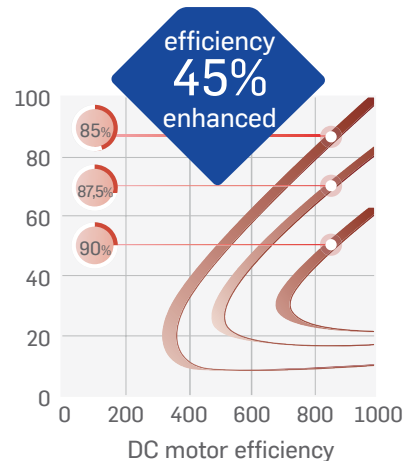
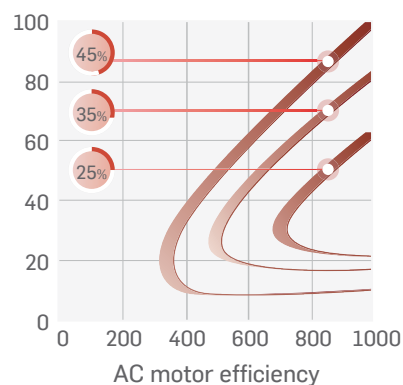
- 1 **Double side '4' handles**
Easy to carry
- 2 **'888' test panel**
All running data and error codes can be checked from '888' screen, which makes it convenient for install
- 3 **Four-way pipe connection**
Four-way (front, back, left and right) pipe connection, easy to design and install



DC Fan and Motor

DC power brings higher efficiency to running partial load

- 16-stage speed control; high-efficiency running especially in low speed
- 45% higher efficiency than AC motors
- Lower power input



- **Large diameter fan**
The large fan of 550 mm diameter allows for greater airflow and hence, higher efficiency

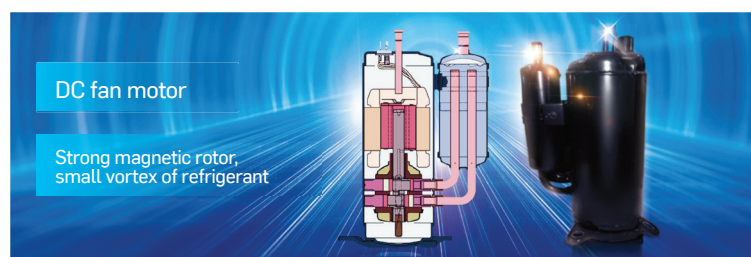


DC motor



ø550mm fan

- **New DC inverter with twin rotary compressor**
Small torque changes & good dynamic balance allows the system to run smoothly, with low vibration, low noise and higher efficiency when running partial load





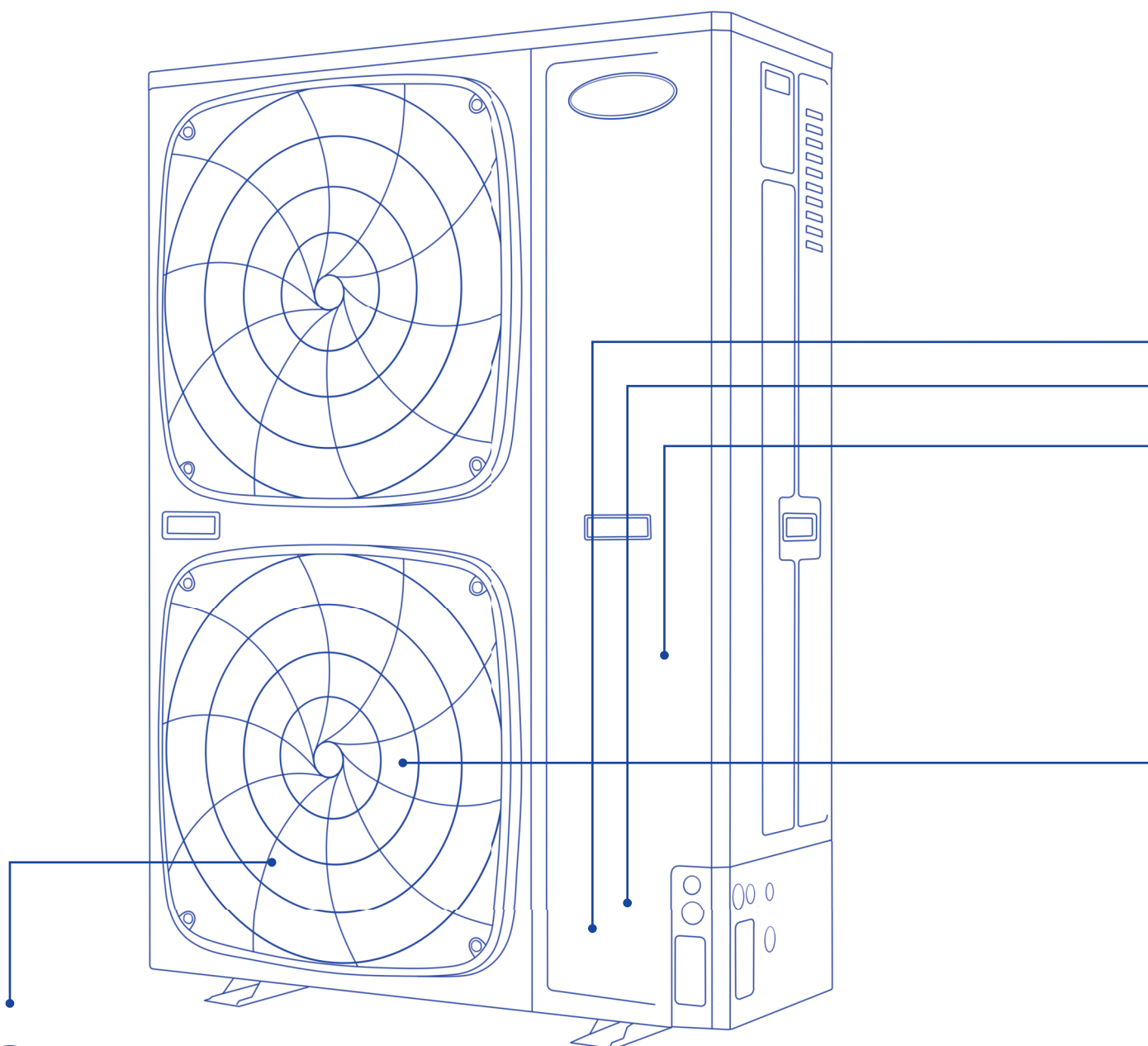
Turn to the experts

Carrier Product Benefits

4/5/6 HP



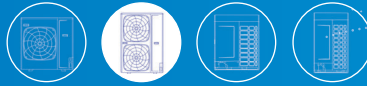
OUTDOOR



Superior Comfort

New aerodynamics fan

550 mm super big diameter aerospace helix fan
lowers sound level by 3 dB(A)



Leadership in Advanced Technology

Two-stage Sub-cooling Cycle Technology

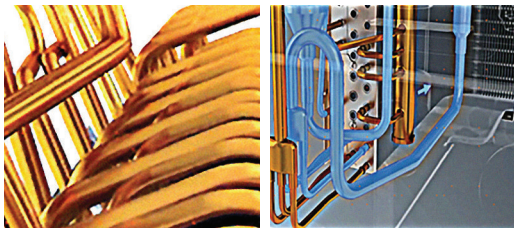
Increases unit efficiency by 9%.

Maximize 30°C Sub-cooling

Increases unit cooling capacity by 46%

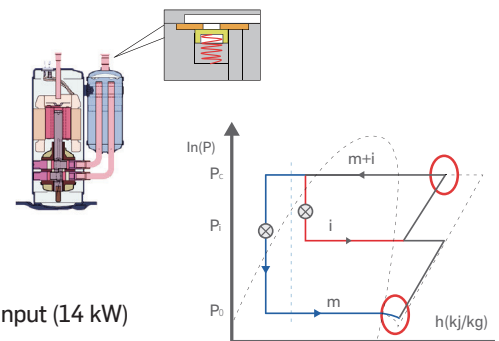
Adding of the Sub-cooler at the Bottom of the Outdoor Exchanger

Increases the efficiency of the system sub-cooling to achieve deep sub-cooling



More Powerful Heating Capacity by Enthalpy Injection

In low ambient conditions, condenser heat rejection is weakened. The amount of hot gas returning to the compressor is greatly reduced. However, the indoor units have the capacity to receive more heat due to the residual enthalpy injection from the 2nd stage subcooling.



High-Efficiency

DC Inverter Compressor

Carrier XCT7 unit uses DC inverter compressors, with 5% lower power input (14 kW)

Large 550 mm DC powered fan

38% lower power input, 8% higher airflow

Larger heat exchanger

Heat exchange area increased by 10%

Charge valve

Built-in charge valve enables safer and easier maintenance

Low standby power

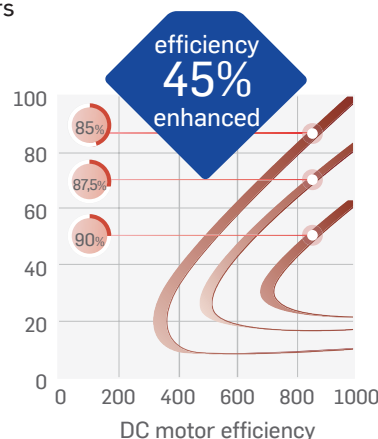
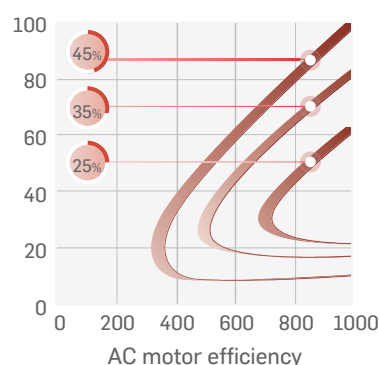
New PCB program reduces 20% standby power consumption



DC Fan and Motor

DC power brings higher efficiency to running partial load

- 16-stage speed control; high-efficiency running especially in low speed
- 45% higher efficiency than AC motors
- Lower power input



Large diameter fan

The large fan of 550 mm diameter allows for greater airflow and hence, higher efficiency



DC motor



ø550mm fan



Turn to the experts

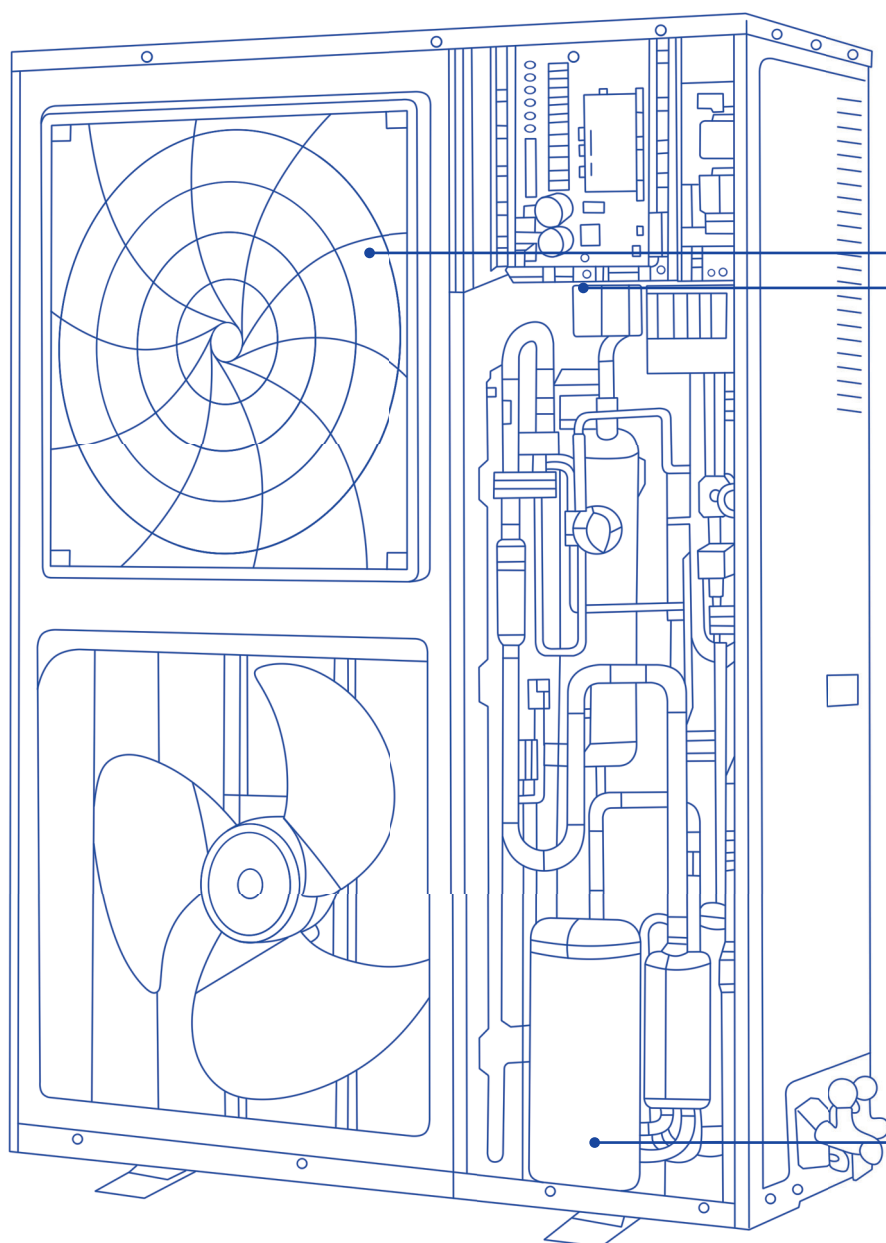
Carrier Product Benefits

4/5/6 HP

8/10/12 HP



OUTDOOR



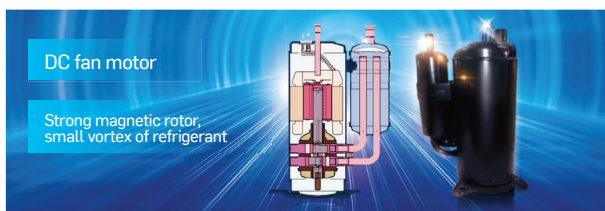


High Efficiency

- **DC Inverter Compressor**
Carrier XCT7 uses DC INV. compressors, with 5% lower power input (14 kW)
- **Larger heat exchanger**
Heat exchange area increased by 10%
- **Charge valve**
Built-in charge valve to enable safer and easier maintenance
- **Low standby power**
New PCB program to reduce 20% standby power consumption

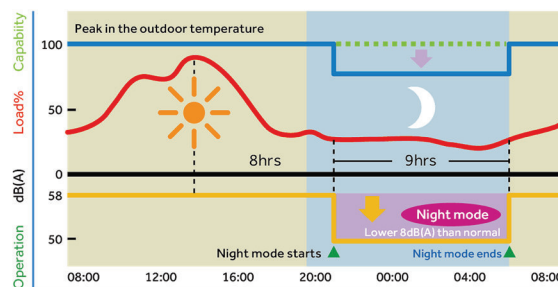
New DC inverter with twin rotary compressor

Small torque changes & good dynamic balance allows the system to run smoothly, with low vibration, low sound and higher efficiency when running partial load



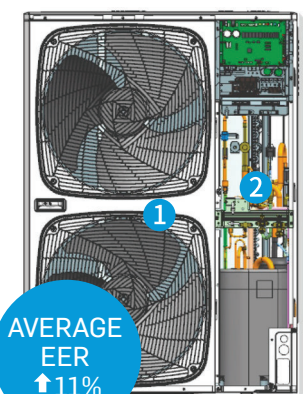
Low Noise Level

- **Night mode function**
Quiet Night Mode (-8 dB(A)) is also available by setting PCB. The sound can be reduced to 50 dB(A)



Super Comfort

- 1 **Enlarged air inlet path and spiral air outlet**
Air flow follows the grill direction to lower sound level by 2-4 dB(A)
- 2 **Automatic sound-reducing function**
Night mode set by PCB to lower the sound level by 8dB (A)



AVERAGE
EER
↑ 11%

Precise Vector Inverter Control

DC fan motor bracket & non-resonance structure

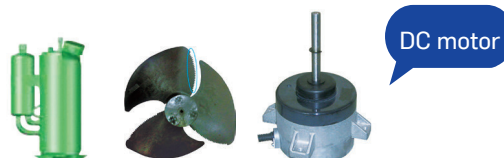
Ensures smooth running of the motor to reduce noise

DC inverter twin rotary compressor

Smooth operation as there is no need to frequently start the compressor thereby effectively reducing the outdoor noise

Big diameter fan

Designed according to the functionally silent aircraft principle



DC motor



Turn to the experts

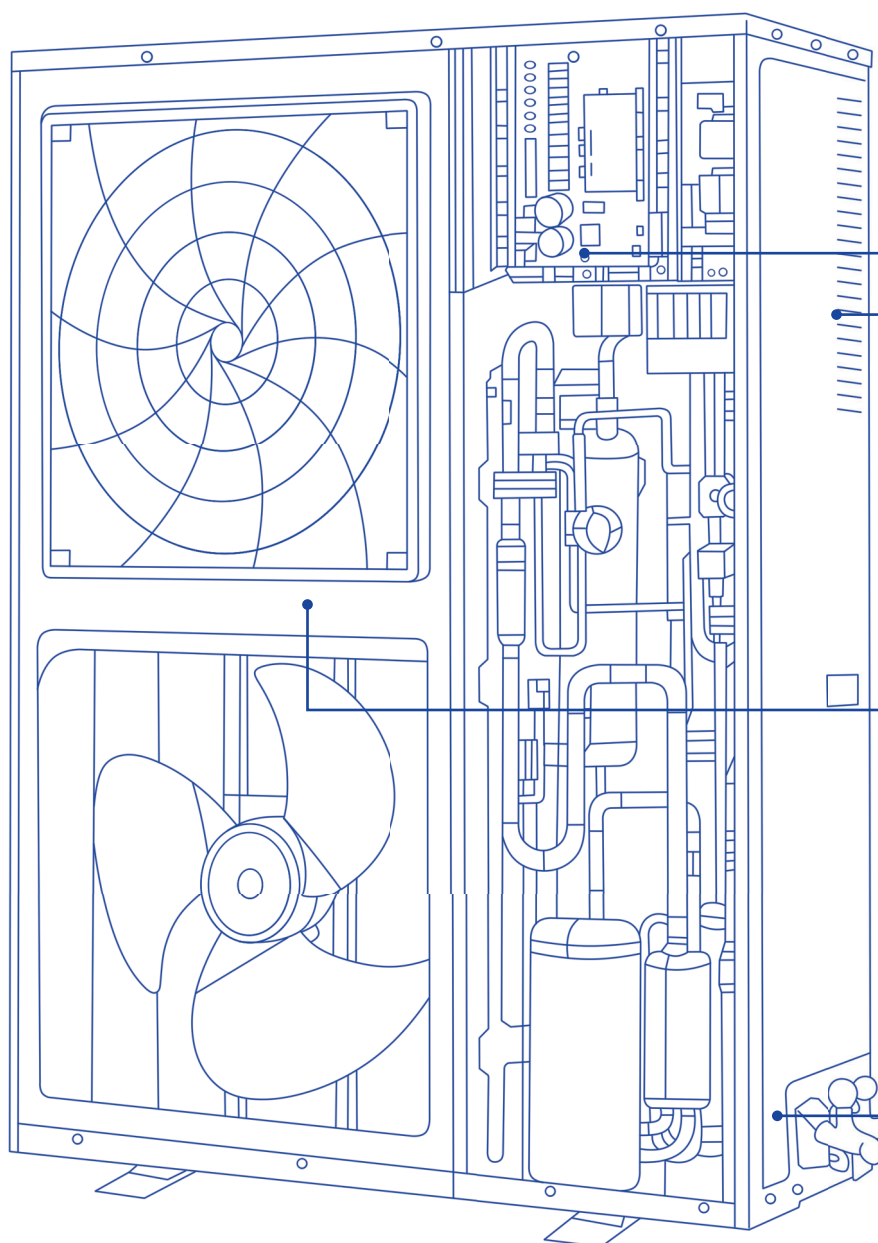
Carrier Product Benefits

4/5/6 HP

8/10/12 HP



OUTDOOR





Easy Maintenance for Control

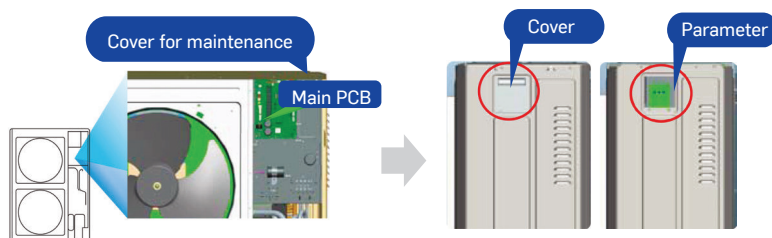
Front-facing, hinge design control box

Reserving space by 108 mm between control box and top panel, the easy-to-open unit allows for maintenance from the top



Parameter display panel (Available only on 4-6 HP)

The first original parameter display panel is on the side. The parameter can be observed directly by opening the protective cover. without removing the repair board



Compact Discharge Design

Large capacity, small footprint with only 0.42 m², to reduce floor area by as much as 43%. No need for an additional ventilation hood unlike the top discharge unit.



Easy Installation

1 Double side '4' handles

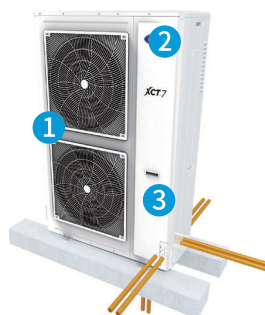
Easy to carry

2 '888' test panel

All running data and error codes can be checked from '888' screen, which makes it convenient for installers

3 Four-way pipe connection

Four-way (front, back, left, and right) pipe connection, easy to design and install





Turn to the experts

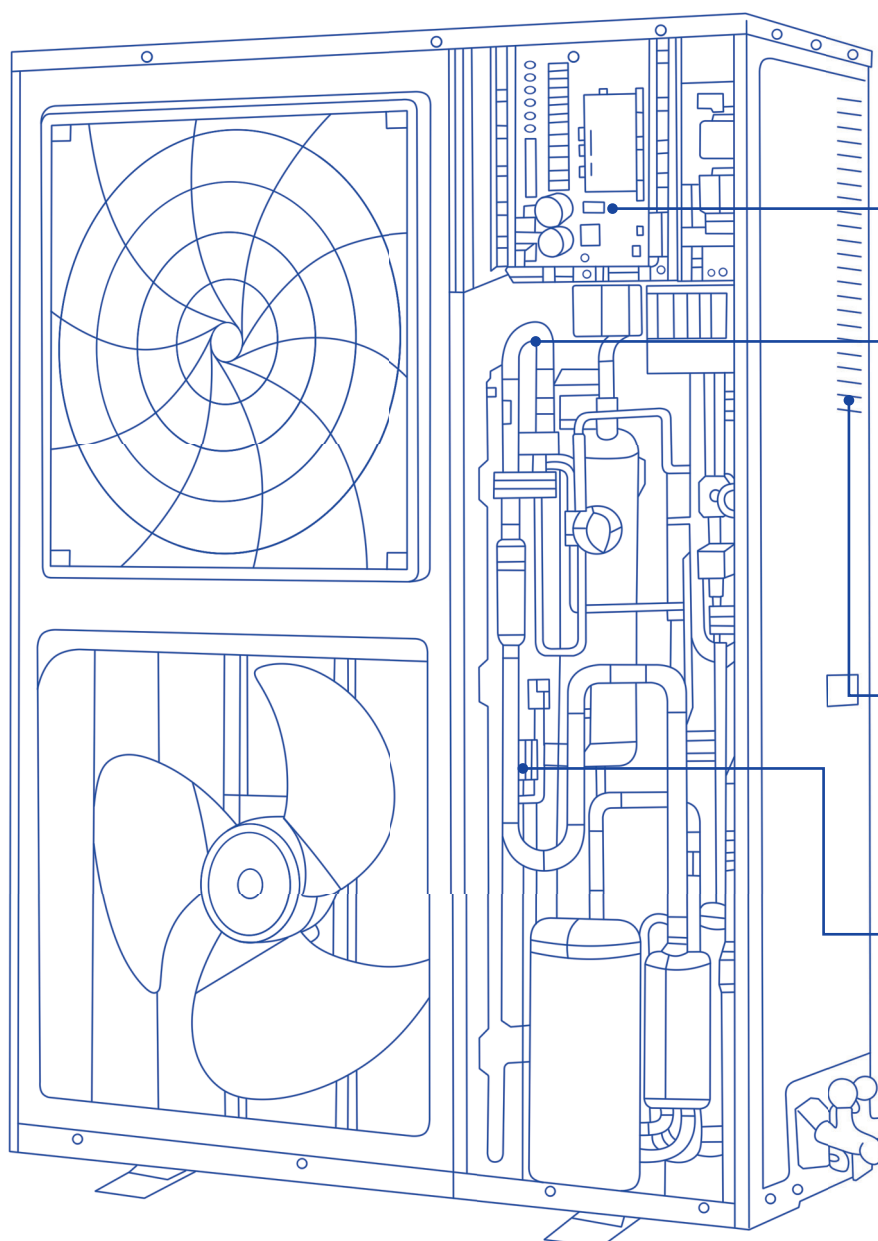
Carrier Product Benefits

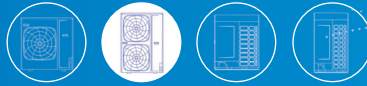
4/5/6 HP

8/10/12 HP



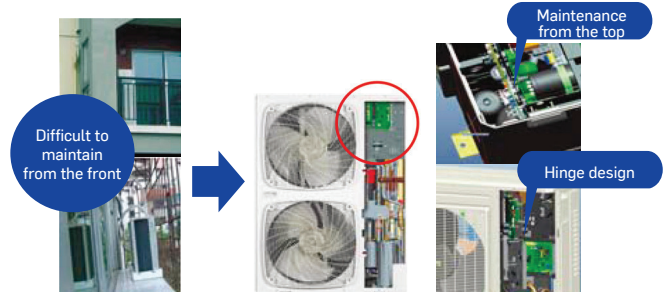
OUTDOOR





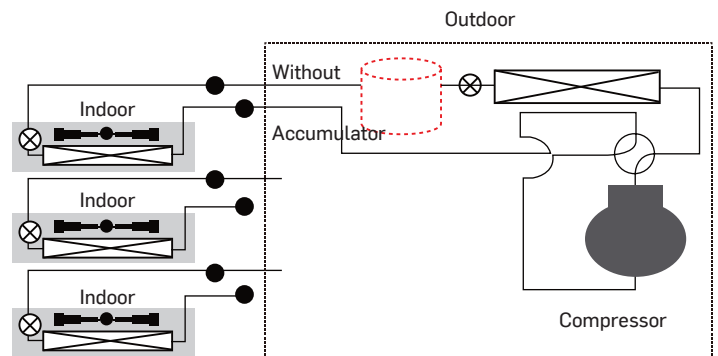
Easy Maintenance for Control

The control box is in front, reserving 108 mm between the control box and top panel, which and along with the hinge design, allows for easy maintenance from the top



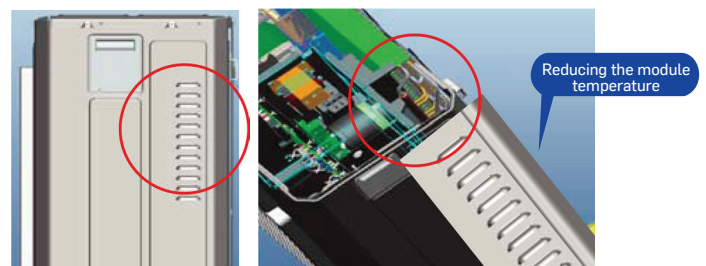
High Reliability

- **Refrigerant control technology**
Refrigerant control technology reduces the refrigerant volume and enhances the running efficiency without high pressure accumulator



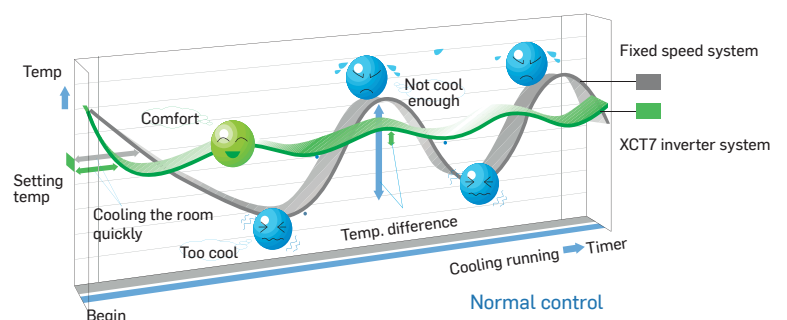
- **Air inlet grill design on right side panel**

This is to effectively reduce the module temperature and avoid air dust entering the air conditioner



- **High and low double pressure sensor**

Double pressure sensors with PID control technology and high speed communication both allow immediate start of compressor with more precise control. The temperature can be controlled $\pm 0.5^\circ \text{C}$





Specifications Side Discharge Heat Pump 4-5 HP

Model			38VS125C7SHQEE	38VS140C7SHQEE
Capacity ⁽¹⁾	Capacity range	HP	4	5
	Cooling	kW	12.1	14.0
	Heating	kW	12.1	14.0
	Heating (Max)	kW	14.0	15.5
Cooling Efficiency ⁽¹⁾	EER	W/W	2.85	2.80
	SEER	/	4.90	4.85
	ηs	%	193	191
	Running current	A	20.3	23.9
Heating Efficiency ⁽¹⁾	COP	W/W	2.95	2.90
	SCOP ⁽¹⁾	/	3.5	3.55
	ηs	%	137	139
	Running current	A	19.6	23.1
Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60
	Rated power input (Cooling)	kW	4,25	5,00
	Rated power input (Heating)	kW	4,10	4,83
	Max. current	A	28.30	29.30
Dimensions (H/W/D)	External (H/W/D)	mm	965/950/370	965/950/370
	Shipping (H/W/D)	mm	1010/990/458	1010/990/458
Weight	Net/Shipping weight	kg	90/97	90/97
Compressor	Compressor type	/	Rotary	Rotary
	Motor power	W	4130	4130
	Compressor quantity	/	1	1
Fan	Air flow (H)	m³/h	5400	5400
Pressure Sound Level	Cooling	dB(A)	58	60
	Heating	dB(A)	60	62
Power Sound Level	Cooling	dB(A)	75	77
	Heating	dB(A)	77	79
Refrigerant	Type	/	R410A	R410A
	Charge	kg	3,3	3,3
Piping	Refrigerant liquid pipe (Ø)	mm	9.52	9.52
	Refrigerant gas pipe (Ø)	mm	15.88	15.88
	Total pipe length	m	120	120
	Max. pipe length (Equivalent/Actual)	m	70/60	70/60
	Max. drop between I.U. & O.U. (ODU above / below)	m	30/20	30/20
	Max. drop between I.U. & I.U.	m	10	10
Connection Ratio	Connectable indoor unit ratio ⁽²⁾	%	50-130	50-130
	Maxi. number of indoor units	/	7	8
Working Temp.	Cooling	°C	-5-52	-5-52
	Heating	°C	-15-21	-15-21



(1) CARRIER participates in the ECP program for Comfort Air Conditioners (AC) Check ongoing validity of certificate : www.eurovent-certification.com
Cooling capacity tested conditions : Indoor air temperature of 27°C DB / 19°C WB and outdoor air temperature of 35° DB / 24°C WB
Heating capacity tested conditions : Indoor air temperature of 20°C DB and outdoor air temperature of 7°DB / 6°C WB

(2) The indoor and outdoor capacity ratio should be limited within 100% when all the indoor units are in operation to ensure the system cooling/heating performance.



Side Discharge Heat Pump 4-5-6 HP

Model			38VS12117SHQEE	38VS14017SHQEE	38VS15517SHQEE
Capacity ⁽¹⁾	Capacity range	HP	4	5	6
	Cooling	kW	12.1	14.0	15.5
	Heating	kW	12.1	14.0	15.5
	Heating (Max)	kW	14.2	16.0	18.0
Cooling Efficiency ⁽¹⁾	EER	W/W	3.35	3.23	3.00
	SEER		6.82	6.65	6.80
	ηs	%	270	263	269
	Running current	A	17.8	21.4	25.5
Heating Efficiency ⁽¹⁾	COP	W/W	3.75	3.72	3.10
	SCOP ⁽¹⁾	/	4.05	4.11	4.05
	ηs	%	159	161	159
	Running current	A	15.9	18.4	21.7
Electrical Parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Rated Power input (Cooling)	kW	3.61	4.33	5.17
	Rated Power input (Heating)	kW	3.23	3.72	4.39
	Max. current	A	34.1	35.5	36.9
Dimensions (H/W/D)	External (H/W/D)	mm	1340/950/370	1340/950/370	1340/950/370
	Shipping (H/W/D)	mm	1420/1023/471	1420/1023/471	1420/1023/471
Weight	Net/Shipping weight	kg	108/123	108/123	108/123
Compressor	Compressor type	/	Rotary	Rotary	Rotary
	Motor Power	W	4130	4130	4130
	Compressor quantity	/	1	1	1
Fan	Air flow (H)	m³/h	7200	7200	7200
Maximum external static pressure		Pa	30	30	30
Pressure Sound Level	Cooling	dB(A)	55	56	57
	Heating	dB(A)	57	58	59
Power Sound Level	Cooling	dB(A)	69	71	73
	Heating	dB(A)	71	73	75
Refrigerant	Type	/	R410A	R410A	R410A
	Charge	kg	4	4	4
Piping	Refrigerant liquid pipe (Ø)	mm	9.52	9.52	9.52
	Refrigerant gas pipe (Ø)	mm	15.88	15.88	15.88
	Total pipe length	m	300	300	300
	Max. pipe length (equivalent/actual)	m	175/150	175/150	175/150
	Max. drop between I.U.& O.U. (ODU above / below)	m	50/40	50/40	50/40
	Max. drop between I.U.&I.U	m	15	15	15
Connection Ratio	Connectable indoor unit ratio ⁽²⁾	%	50-130	50-130	50-130
	Max. number of indoor units	/	8	10	13
Working Temp.	Cooling	°C	-15~48	-15~48	-15~48
	Heating	°C	-20~27	-20~27	-20~27

OUTDOOR

HEATING

COOLING



(1) CARRIER participates in the ECP program for Comfort Air Conditioners (AC) Check ongoing validity of certificate : www.eurovent-certification.com
Cooling capacity tested conditions : Indoor air temperature of 27°C DB / 19°C WB and outdoor air temperature of 35° DB / 24°C WB
Heating capacity tested conditions : Indoor air temperature of 20°C DB and outdoor air temperature of 7°DB / 6°C WB

(2) The indoor and outdoor capacity ratio should be limited within 100% when all the indoor units are in operation to ensure the system cooling/heating performance.



Specifications Side Discharge Heat Pump 4-5-6 HP

3-Ph

Model			38VS121173HQEE	38VS140173HQEE	38VS155173HQEE
Capacity ⁽¹⁾	Capacity range	HP	4	5	6
	Cooling	kW	12.1	14.0	15.5
	Heating	kW	12.1	14.0	15.5
	Heating (Max)	kW	14.2	16.0	18.0
Cooling Efficiency ⁽¹⁾	EER	W/W	3.35	3.23	3.00
	SEER		6.82	6.65	6.80
	ηs	%	270	263	269
	Running current	A	5.8	6.9	8.3
Heating Efficiency ⁽¹⁾	COP	W/W	3.75	3.72	3.10
	SCOP ⁽¹⁾	/	4.05	4.11	4.05
	ηs	%	159	161	159
	Running current	A	5.1	5.9	7.0
Electrical Parameters	Power supply	Ph/V/Hz	3/380-415/50/60	3/380-415/50/60	3/380-415/50/60
	Rated Power input (Cooling)	kW	3.61	4.33	5.17
	Rated Power input (Heating)	kW	3.18	3.72	4.39
	Max. current	A	11.4	11.9	12.3
Dimensions (H/W/D)	External (H/W/D)	mm	1340/950/370	1340/950/370	1340/950/370
	Shipping (H/W/D)	mm	1420/1023/471	1420/1023/471	1420/1023/471
Weight	Net/Shipping weight	kg	108/123	108/123	108/123
Compressor	Compressor type	/	Rotary	Rotary	Rotary
	Motor Power	W	4060	4060	4060
	Compressor quantity	/	1	1	1
Fan	Air flow (H)	m³/h	7200	7200	7200
Maximum external static pressure		Pa	30	30	30
Pressure Sound Level	Cooling	dB(A)	55	56	57
	Heating	dB(A)	57	58	59
Power Sound Level	Cooling	dB(A)	69	71	73
	Heating	dB(A)	71	73	75
Refrigerant	Type	/	R410A	R410A	R410A
	Charge	kg	4	4	4
Piping	Refrigerant liquid pipe (Ø)	mm	9.52	9.52	9.52
	Refrigerant gas pipe (Ø)	mm	15.88	15.88	15.88
	Total pipe length	m	300	300	300
	Max. pipe length (equivalent/actual)	m	175/150	175/150	175/150
	Max. drop between I.U. & O.U. (ODU above / below)	m	50/40	50/40	50/40
	Max. drop between I.U. & I.U.	m	15	15	15
Connection Ratio	Connectable indoor unit ratio ⁽²⁾	%	50-130	50-130	50-130
	Max. number of indoor units	/	8	10	13
Working Temp.	Cooling	°C	-15~48	-15~48	-15~48
	Heating	°C	-20~27	-20~27	-20~27



(1) CARRIER participates in the ECP program for Comfort Air Conditioners (AC) Check ongoing validity of certificate : www.eurovent-certification.com
Cooling capacity tested conditions : Indoor air temperature of 27°C DB / 19°C WB and outdoor air temperature of 35° DB / 24°C WB
Heating capacity tested conditions : Indoor air temperature of 20°C DB and outdoor air temperature of 7°DB / 6°C WB

(2) The indoor and outdoor capacity ratio should be limited within 100% when all the indoor units are in operation to ensure the system cooling/heating performance.



Side Discharge Heat Pump 8-10-12 HP

Model			38VS226174HQEE	38VS280174HQEE	38VS335174HQEE
Capacity ⁽¹⁾	Capacity range	HP	8	10	12
	Cooling	kW	22.6	28.0	31.5
	Heating	kW	22.6	30.5	31.5
	Heating (Max)	kW	25.0	32.0	35.0
Cooling Efficiency ⁽¹⁾	EER	W/W	3.25	3.23	2.73
	SEER		7.67	7.65	7.47
	ηs	%	304	303	296
	Running current	A	11.5	14.3	19.0
Heating Efficiency ⁽¹⁾	COP	W/W	3.90	3.80	3.71
	SCOP ⁽¹⁾	/	4.05	4.16	4.21
	ηs	%	159	163	165
	Running current	A	9.6	13.3	14.0
Electrical Parameters	Power supply	Ph/V/Hz	3/380-415/50/60	3/380-415/50/60	3/380-415/50/60
	Rated Power input (Cooling)	kW	6.95	8.67	11.52
	Rated Power input (Heating)	kW	5.79	8.03	8.49
	Max. current	A	18.99	23.78	25.43
Dimensions (H/W/D)	External (H/W/D)	mm	1636/1050/400	1636/1050/400	1636/1050/400
	Shipping (H/W/D)	mm	1790/1150/510	1790/1150/510	1790/1150/510
Weight	Net/Shipping weight	kg	149/168	149/168	149/168
Compressor	Compressor type	/	Inverter Twin Rotary	Inverter Twin Rotary	Inverter Twin Rotary
	Motor Power	W	6270	6270	6270
	Compressor quantity	/	1	1	1
Fan	Air flow (H)	m³/h	10000	10000	10000
Maximum external static pressure		Pa	30	30	30
Pressure Sound Level	Cooling	dB(A)	63	64	65
	Heating	dB(A)	65	66	67
Power Sound Level	Cooling	dB(A)	81	83	85
	Heating	dB(A)	83	85	87
Refrigerant	Type	/	R410A	R410A	R410A
	Charge	kg	5.1	5.1	5.1
Piping	Refrigerant liquid pipe (Ø)	mm	9.52	9.52	12.7
	Refrigerant gas pipe (Ø)	mm	19.05	22.22	25.4
	Total pipe length	m	300	300	300
	Max. pipe length (equivalent/actual)	m	175/150	175/150	175/150
	Max. drop between I.U. & O.U. (ODU above / below)	m	50/40	50/40	50/40
	Max. drop between I.U. & I.U.	m	15	15	15
Connection Ratio	Connectable indoor unit ratio ⁽²⁾	%	50-130	50-130	50-130
	Max. number of indoor units	/	13	16	19
Working Temp.	Cooling	°C	-5-48	-5-48	-5-48
	Heating	°C	-20-27	-20-27	-20-27

OUTDOOR



HEATING



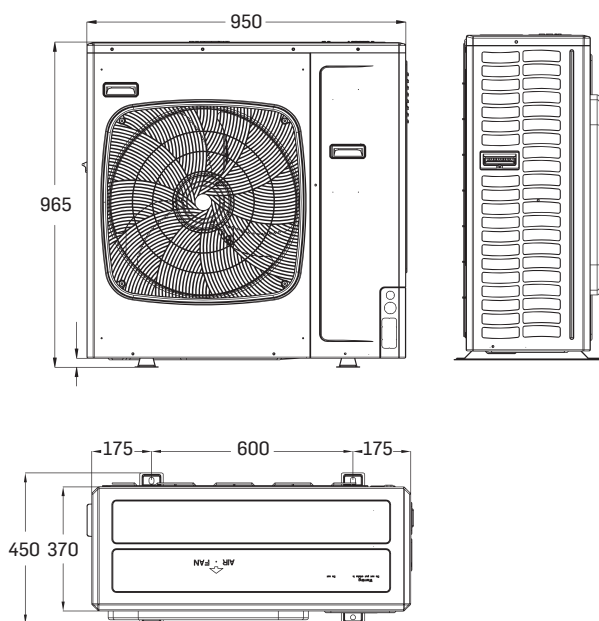
COOLING



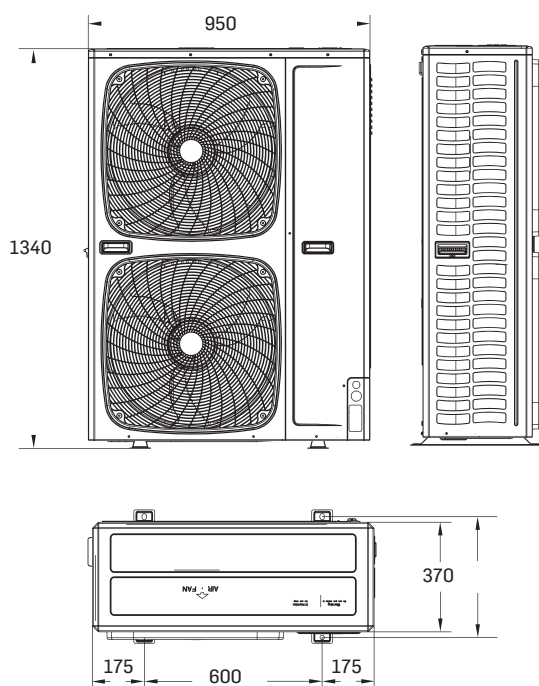
Turn to the experts

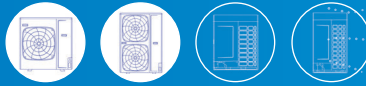


Dimensions (4-6HP)

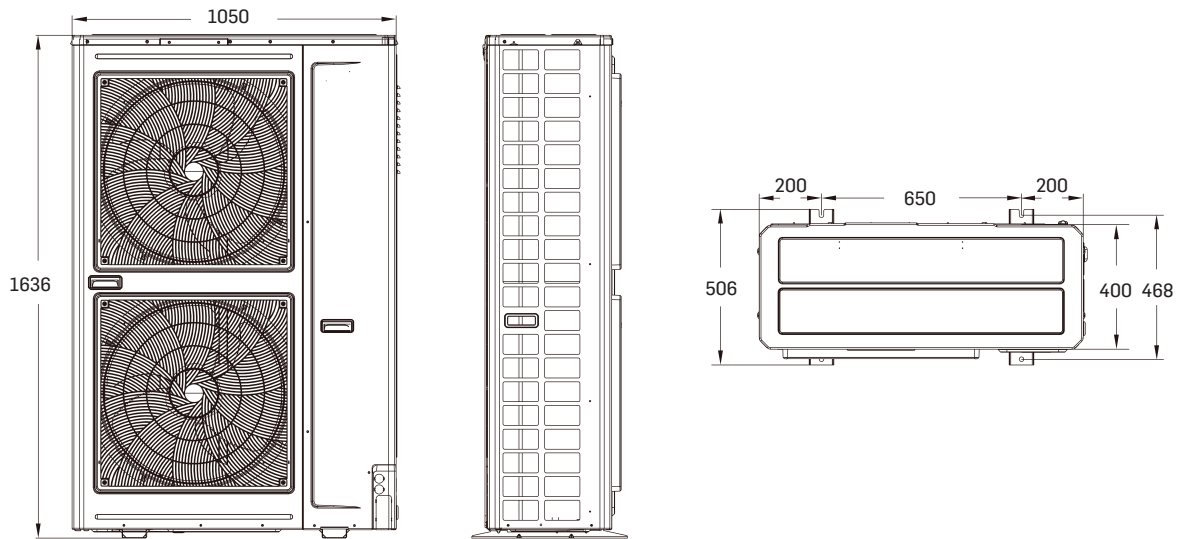


4/5/6 HP Dual Fan Side Discharge



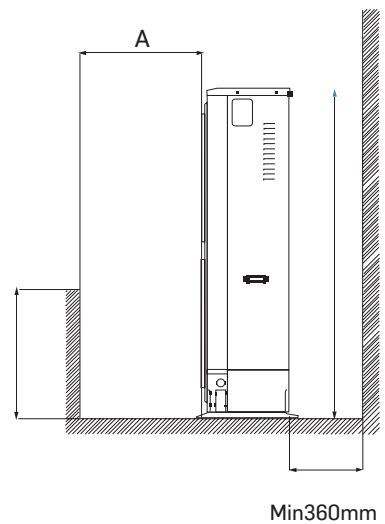
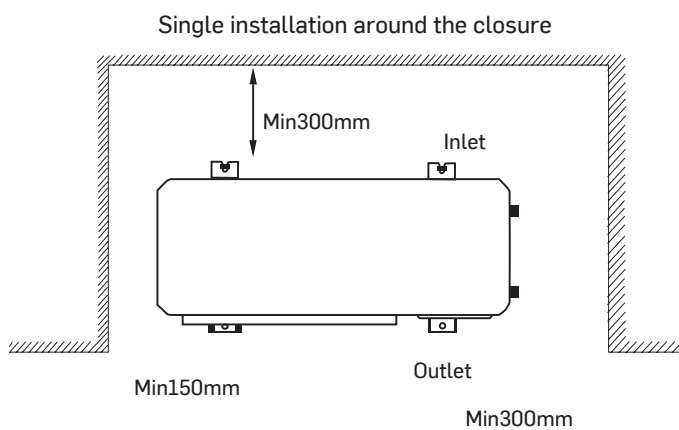


Dimensions (8-12HP)



OUTDOOR

Installation and Maintenance Space

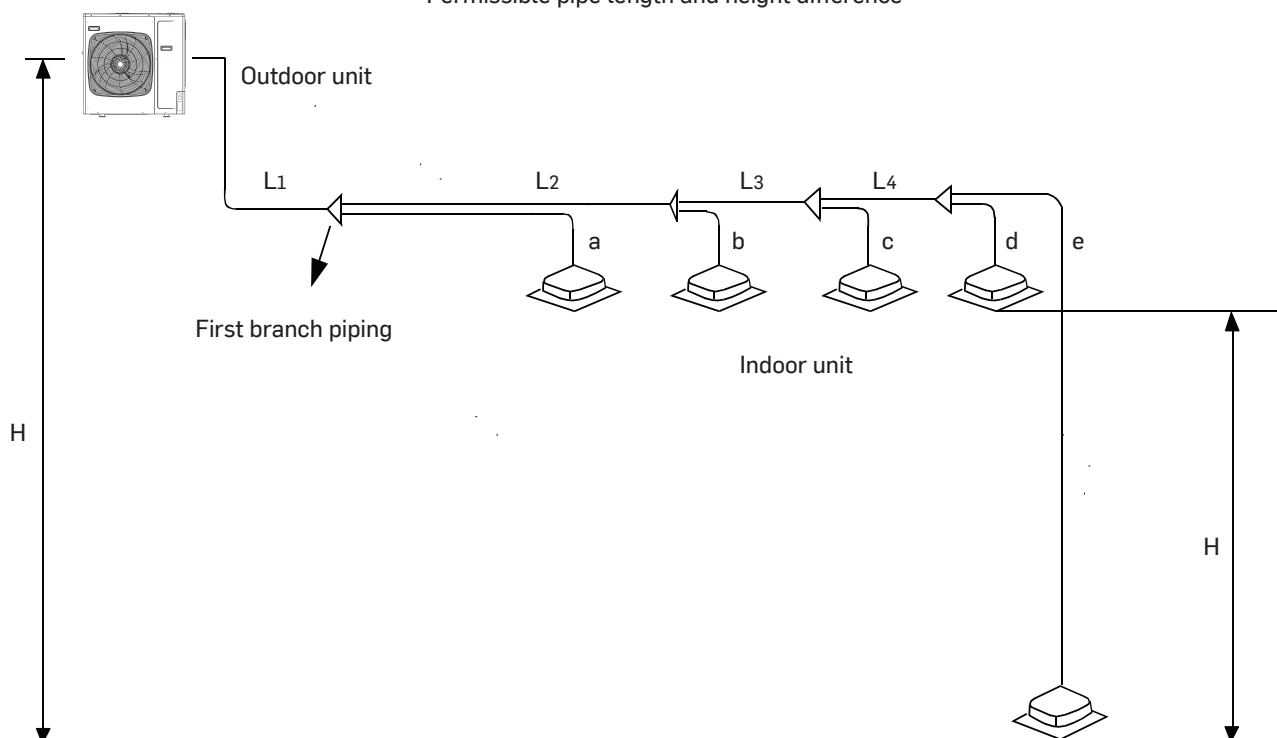


Note:
For more details, please refer to the instruction manual.

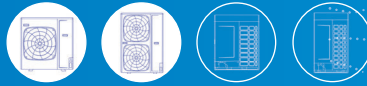


Piping rules (4-5HP)

Permissible pipe length and height difference

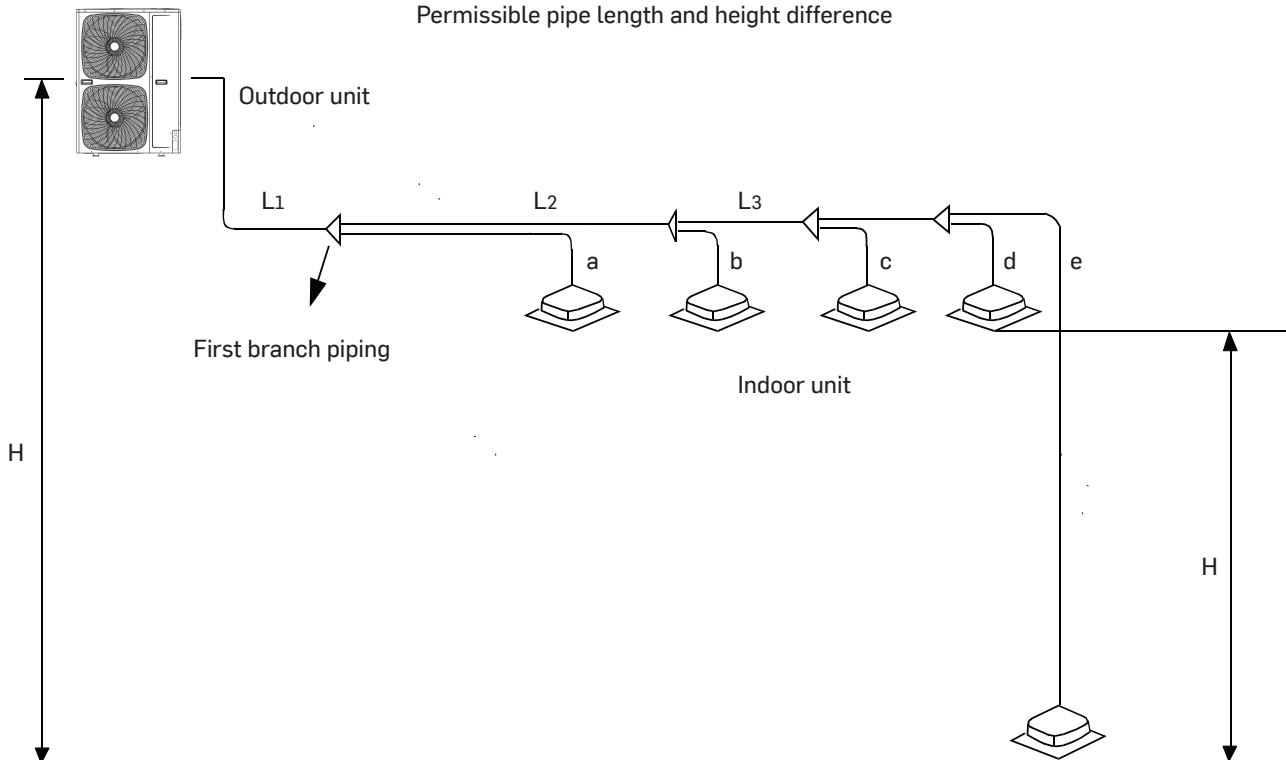


		Permissible value	Piping part
Piping length	Total length of piping (actual length)		120m
	Longest piping L	Actual /Equivalent length	60/70m
	The distance between the nearest indoor unit and the farthest indoor		40m
	Pipe length between the indoor unit & the nearest branch length		10m
	Piping length of indoor unit which is furthest to the first branch piping L (*)		40m
Drop height	Drop height between indoor and outdoor unit H	Outdoor above	30m
		Outdoor below	20m
	Drop height between indoor units H		10m



Piping rules (4-12HP)

Permissible pipe length and height difference



OUTDOOR

Maximal length and drop height permissible of refrigerant piping

		Permissible value	Piping part
Piping length	Total length of piping (actual length)		300m
	Longest piping L	Actual length	150m
	Piping length of indoor unit which is furthest to the first branch piping L (*)		40m
	The distance between the nearest indoor unit and the farthest indoor		40m
	Pipe length between the indoor unit & the nearest branch length		10m
Drop height	Drop height between indoor and outdoor unit H	Outdoor above	50m
		Outdoor below	40m
	Drop height between indoor units H		15m

Note:

When the single way pipe length is over 30m, the main pipe should be of the enlarged diameter.



Turn to the experts

HEALTHCARE



HOTELS



RETAIL



HOUSING



ADMINISTRATIONS



OFFICES



RETAIL



ADMINISTRATIONS



HOTELS



HEALTHCARE



HOUSING



INDOOR UNITS

086	ONE-WAY CASSETTE	118	HIGH WALL
090	TWO-WAY CASSETTE	122	TWO-WAY CONSOLE
094	COMPACT FOUR-WAY CASSETTE	126	CONSOLE-RECESSED
098	ROUND-WAY CASSETTE	128	FLEX CEILING FLOOR (DC MOTOR)
104	SLIM DUCT	134	OUTSIDE AIR UNIT
108	STANDARD STATIC DUCT (20/200PA)	138	HRV
112	HIGH STATIC DUCT(0/200PA)		



Benefits Overview

		CASSETTE				DUCT	
	Features	ONE-WAY CASSETTE 	TWO-WAY CASSETTE 	COMPACT FOUR-WAY CASSETTE 	ROUND-WAY CASSETTE 	SLIM DUCT 	STANDARD STATIC DUCT (20-200PA) 
		40VU*1-7E	40VU*2-7G	40VU*C-7S	40VU*R-7E	40VD*L-7E	40VD*S-7S
Comfortable	Washable filter included: • Ensures clean air • Extends the life of the fan	●	●	●	●	●	●
	Independent control of the air flow directions: • Flexible controls for different needs • Ensures a comfortable environment				●		
	Multi-gear air speed selection: • Meets different requirements of installation & usage	●	●	●	●	●	●
	Presence sensor (optional): • Automatically switches on & off when people enter & leave • Energy conservation				● (Optional)		
	• Brushless DC motor: • Operation noise is reduced	●		●	●	●	●
Aesthetic	• Streamlined design • Easily fits in with different interior designs	●	●		●		
	• Ultra-thin & compact design • Save ceiling space	●	●	●	●	●	●
Convenient	• Optional location of air return vent (front & back) • Friendly installation					●	●
	Easy disassembly of the maintenance panel	●	●		●		
	• Adjustable static pressure • Flexible selection according to the actual installation					●	●
	• Standard drain pump • Drain water is discharged easily	●	●	●	●	●	●
	Reserved fresh air inlet			●	●		●
Intelligent	Compatible with centralized control	●	●	●	●	●	●
	Room card	●	●	●	●	●	●
	Reminder to clean the washable filter	●	●	●	●	●	●



		DUCT	WALL MOUNTED UNIT	FLOOR STANDING UNITS		FLOOR CEILING UNIT	VENTILATION	
	Features	HIGH STATIC DUCT (0/250 PA) 	HIGH WALL 	TWO-WAY CONSOLE 	CONSOLE - RECESSED 	FLEX CEILING FLOOR DC FAN 	OUTSIDE AIR UNIT 	HRV 
		40VD*H-7S	40VK*S-7S2	40VL*B-7E	40VL*R-7G	40VC*F-7S	40VD*A-7S	40VH*A-7E
Comfortable	Washable filter included: • Ensures clean air • Extends the life of the fan	● 72/96 not included	●	●	●	●	●	●
	Independent control of the air flow directions: • Flexible controls for different needs • Ensures a comfortable environment		●			●		
	Multi-gear air speed selection: • Meets different requirements of installation & usage	●	●	●	●	●	●	●
	Presence sensor (optional): • Automatically switches on & off when people enter & leave • Energy conservation							
	• Brushless DC motor: • Operation noise is reduced	●	●	●		●	●	●
Aesthetic	• Streamlined design • Easily fits in with different interior designs		●	●		●		
	• Ultra-thin & compact design • Save ceiling space	●						
Convenient	• Optional location of air return vent (front & back) • Friendly installation							
	Easy disassembly of the maintenance panel			●		●		
	• Adjustable static pressure • Flexible selection according to the actual installation	●					●	●
	• Standard drain pump • Drain water is discharged easily	● 72/96 not included						
	Reserved fresh air inlet	● 72/96 not included				●	●	●
Intelligent	Compatible with centralized control	●	●	●	●	●	●	●
	Room card	●	●	●	●	●		
	Reminder to clean the washable filter	● 72/96 not included	●	●	●	●	●	●



Turn to the experts

INDOOR





INDOOR



ONE-WAY CASSETTE (DC MOTOR) 40VU*1-7E

-  Slim & elegant design in just 185 mm height
(When not in use, it closes completely and is only slightly noticeable, 40VPU01217EQEE making it appear uniform with ceiling)
-  DC powered fan with noise levels down as low as 25dB(A)
-  Return air panel serves as a service port to maintain the unit
-  Built-in drain pump (600 mm)
-  Unique ceiling anti-fouling design



Optional Panel: 40VPU01217EQEE



Wired Controller
40VCW217FQEE



Simple
Wired Controller
40VCW117FQEE



Multi-language
Wired Controller
40VCW327FQEE



Wireless Controller
40VCI67FQEE



Specifications



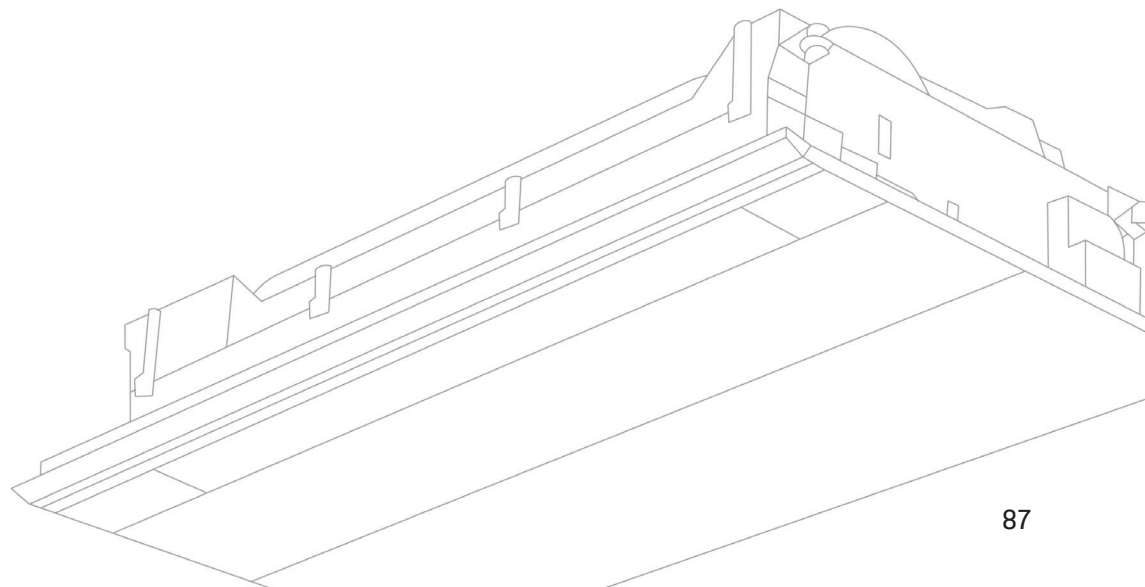
HEATING

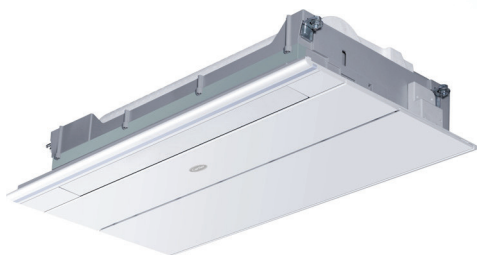


COOLING

Model Code	Item	Unit	40VU0051-7E-QEE	40VU0071-7E-QEE	40VU0091-7E-QEE	40VU0121-7E-QEE
Capacity	Model capacity	HP	0,5	0,8	1,0	1,25
	Cooling	kW	1,5	2,2	2,8	3,6
	Heating	kW	1,7	2,5	3,2	4,0
Electrical Parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Power consumption	W	21	21	21	23
Dimensions (W/D/H)	Net Product	mm	875/505/185	875/505/185	875/505/185	875/505/185
	Shipping Product	mm	1028/581/270	1028/581/270	1028/581/270	1028/581/270
	Net Panel	mm	1050/560/122	1050/560/122	1050/560/122	1050/560/122
	Shipping Panel	mm	1133/623/197	1133/623/197	1133/623/197	1133/623/197
Weight	Product Net/Shipping	kg	15.3/17.9	15.3/17.9	15.3/17.9	15.3/17.9
	Panel Net/Shipping	kg	5.3/8.3	5.3/8.3	5.3/8.3	5.3/8.3
Fan	Air flow (H/M/L)	m³/h	530/490/450	530/490/450	530/490/450	550/530/490
Pressure sound level	Cooling (H/M/L)	dB(A)	32/29/24	32/29/24	32/29/24	34/30/25
	Heating (H/M/L)	dB(A)	32/29/24	32/29/24	32/29/24	34/30/25
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	6,35	6,35
	Refrigerant gas pipe (Ø)	mm	9,52	9,52	9,52	12,7
	Drain port diameter	mm	32	32	32	32
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S	S
Accessories (Optional)	Panel Model Code	/	40VPU01217EQEE	40VPU01217EQEE	40VPU01217EQEE	40VPU01217EQEE

INDOOR



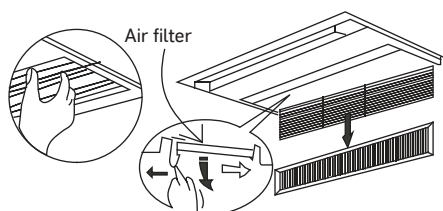


ONE-WAY CASSETTE (DC MOTOR)



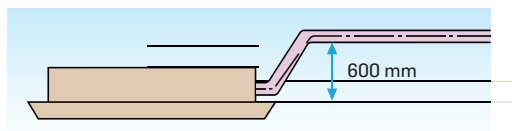
Easy - Servicing & Maintenance

- Easy removal of air filters for cleaning
- Easy access to indoor unit components



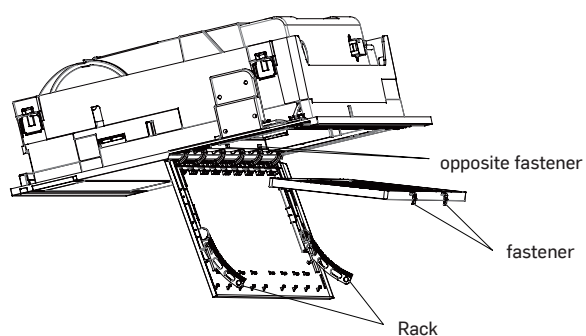
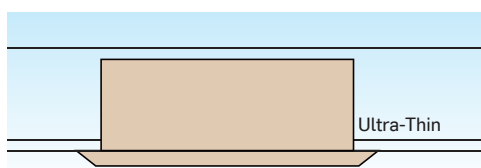
Built-in Drain Pump

- Standard built-in drain pump with 600 mm
- Pumphead and slim body makes the installation flexible to storey height limitations.



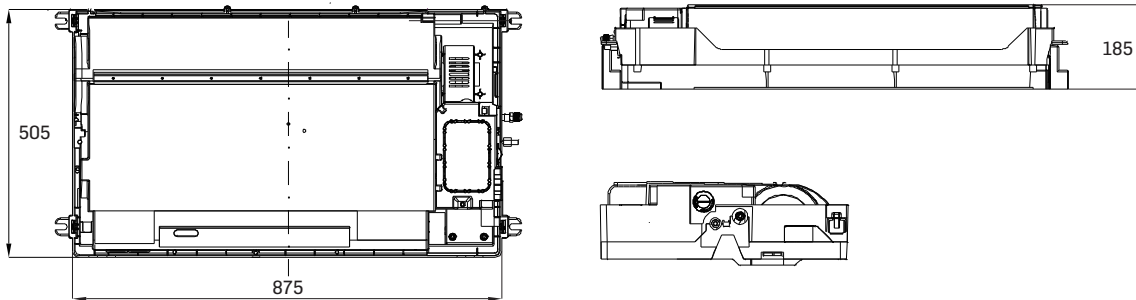
185 mm height Only

Compact design, slim body with a min. height of 185 mm, especially suitable for spaces with narrow ceilings, such as lobbies, small-sized meeting rooms, mansions, restaurants, etc.

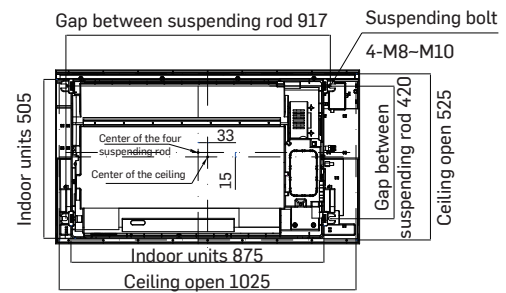
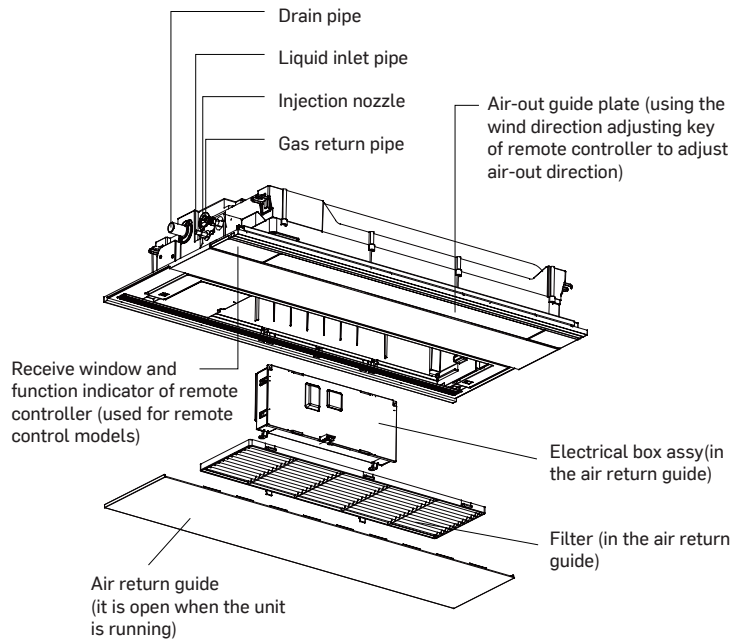




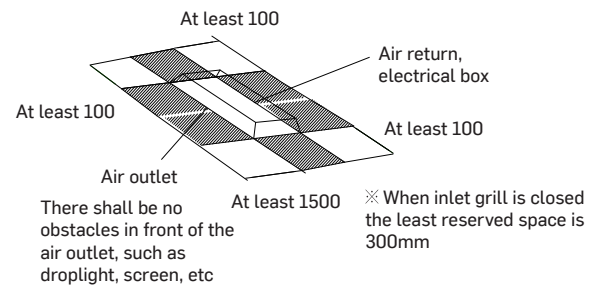
Dimensions

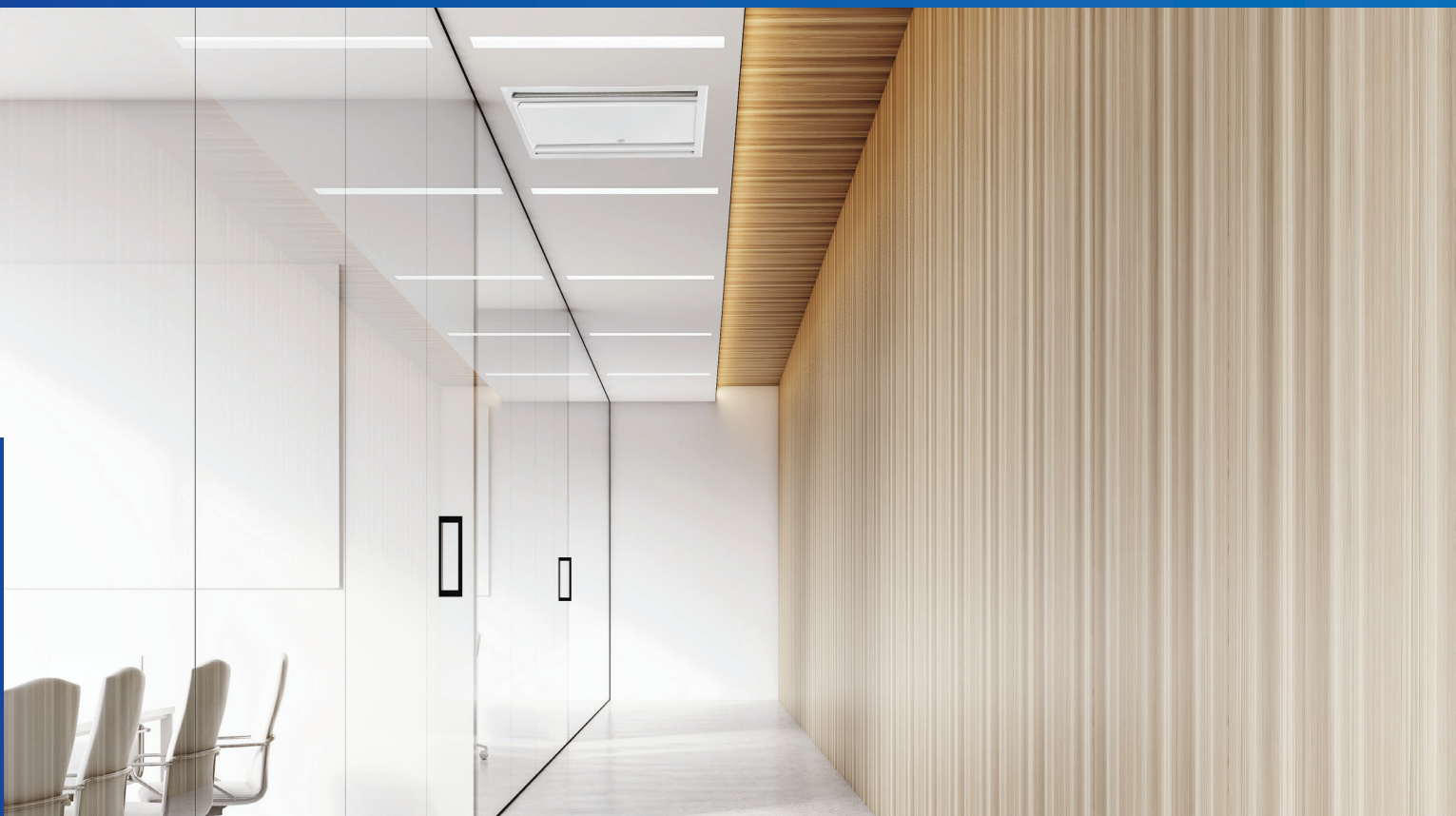


Installation & Service



Installation space





TWO-WAY CASSETTE (AC MOTOR) 40VU*2-7G

-  Compact design: only 220 mm in height
(When not in use, it closes completely making it appear uniform with the ceiling)
-  Built-in drain pump (750 mm)
-  Unique ceiling anti-fouling design
-  Dual air supply to distribute air in two directions silently



Optional Panel: 40VPU01827GQEE



Wired Controller
40VCW217FQEE



Simple
Wired Controller
40VCW117FQEE



Multi-language
Wired Controller
40VCW327FQEE



Wireless Controller
40VCI67FQEE



Specifications



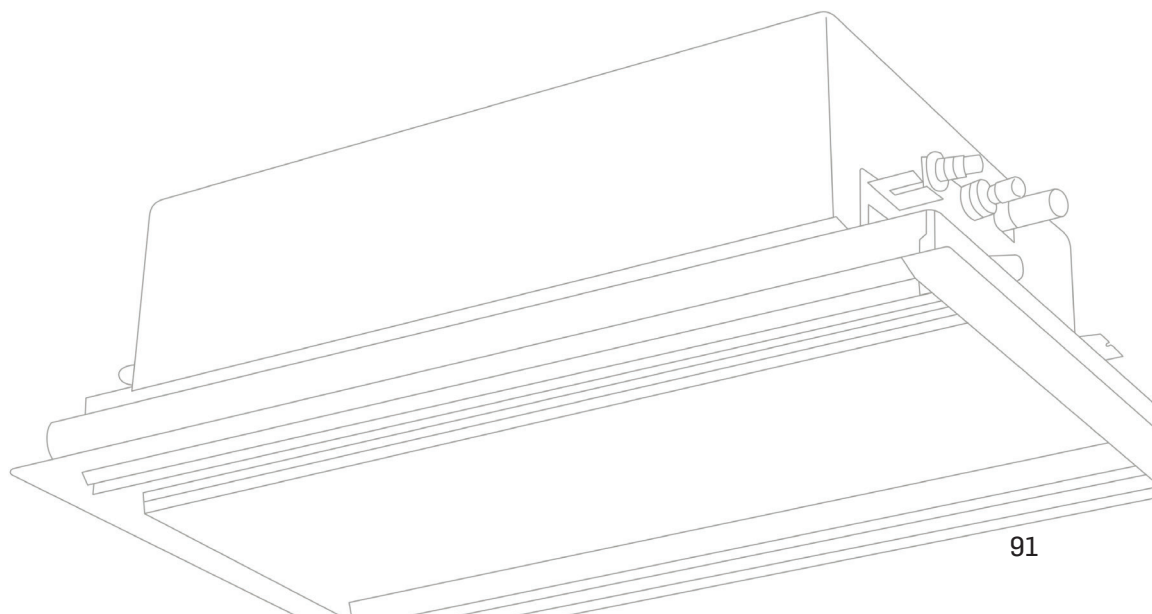
HEATING



COOLING

Model Code	Item	Unit	40VU0072-7G-QEE	40VU0092-7G-QEE	40VU0122-7G-QEE	40VU0162-7G-QEE	40VU0182-7G-QEE
Capacity	Model capacity	HP	0,8	1,0	1,25	1,7	2,0
	Cooling	kW	2,2	2,8	3,6	4,5	5,6
	Heating	kW	2,5	3,2	4,0	5,0	6,3
Electrical parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Power consumption	W	90	90	90	110	110
Dimensions (W/D/H)	Net Product	mm	817/620/220	817/620/220	817/620/220	817/620/220	817/620/220
	Shipping Product	mm	1015/695/260	1015/695/260	1015/695/260	1015/695/260	1015/695/260
	Net Panel	mm	1055/680/68	1055/680/68	1055/680/68	1055/680/68	1055/680/68
	Shipping Panel	mm	1110/720/160	1110/720/160	1110/720/160	1110/720/160	1110/720/160
Weight	Product Net/Shipping	kg	21/23	21/23	21/23	21/23	21/23
	Panel Net/Shipping	kg	7/8	7/8	7/8	7/8	7/8
Fan	Air flow (H/M/L)	m³/h	840/700/550	840/700/550	840/700/550	840/700/550	840/700/550
Pressure sound level	Cooling (H/M/L)	dB(A)	42/37/33	42/37/33	42/37/33	44/39/34	44/39/34
	Heating (H/M/L)	dB(A)	42/37/33	42/37/33	42/37/33	44/39/34	44/39/34
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	6,35	6,35	6,35
	Refrigerant gas pipe (Ø)	mm	9,52	9,52	12,7	12,7	12,7
	Drain port diameter	mm	32	32	32	32	32
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S	S	S
Accessories (optional)	Panel model code	/	40VPU01827GQEE	40VPU01827GQEE	40VPU01827GQEE	40VPU01827GQEE	40VPU01827GQEE

INDOOR



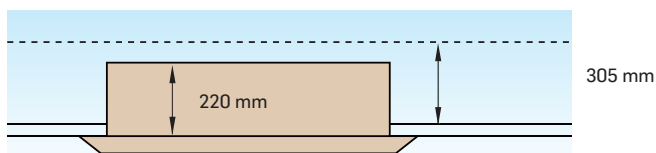


TWO-WAY CASSETTE (AC MOTOR)



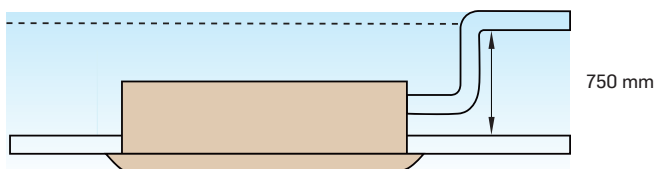
Stylish Design & Slim Body

The stylish appearance and slim body makes the unit blend in harmoniously with the room decor. The sleek body with only 220 mm height, requires minimum ceiling space to be suspended from. Installation being free of storey height, limitations makes the design and decoration much more flexible.



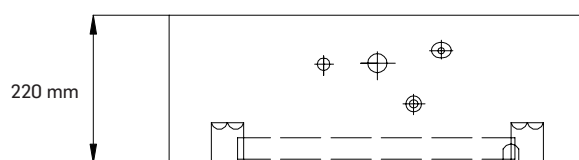
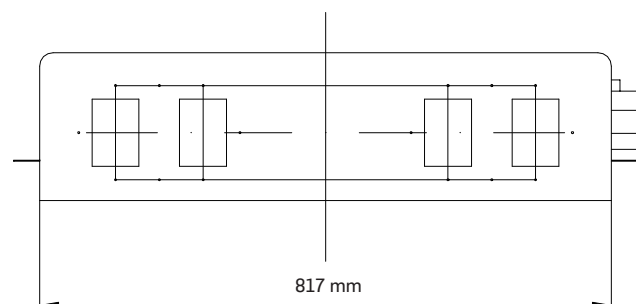
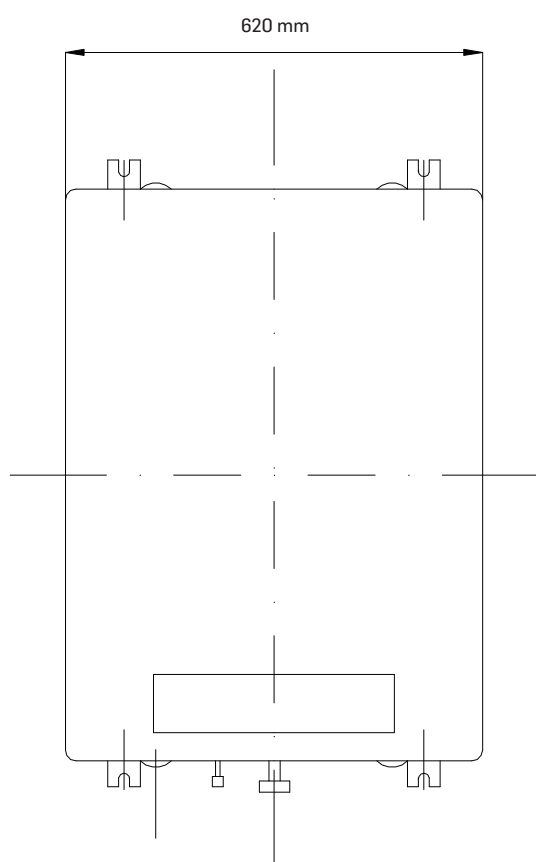
Standard Built-in Drain Pump

Standard built-in drain pump with 750 mm pump head. Flat-type suction grille design allows ease of maintenance.





Dimensions





COMPACT FOUR-WAY CASSETTE (DC MOTOR) 40VU*C-7S

-  Compact design: installation restrictions reduced to enable high flexibility
Ideal for standard ceiling tiles and small rooms: 570*570 mm body size and 620*620 mm panel size
-  Built-in drain pump (600 mm)
-  Low sound, high efficiency and comfort
-  Knockout hole for outside air
-  Innovative four-way independent airflow
-  Unit body is insulated from 4 sides to avoid cold bridge effect



Optional Panel: 40VPU018C7SQEE



Wired Controller
40VCW217FQEE



Simple
Wired Controller
40VCW117FQEE



Multi-language
Wired Controller
40VCW327FQEE



Wireless Controller
40VCI67FQEE



Specifications



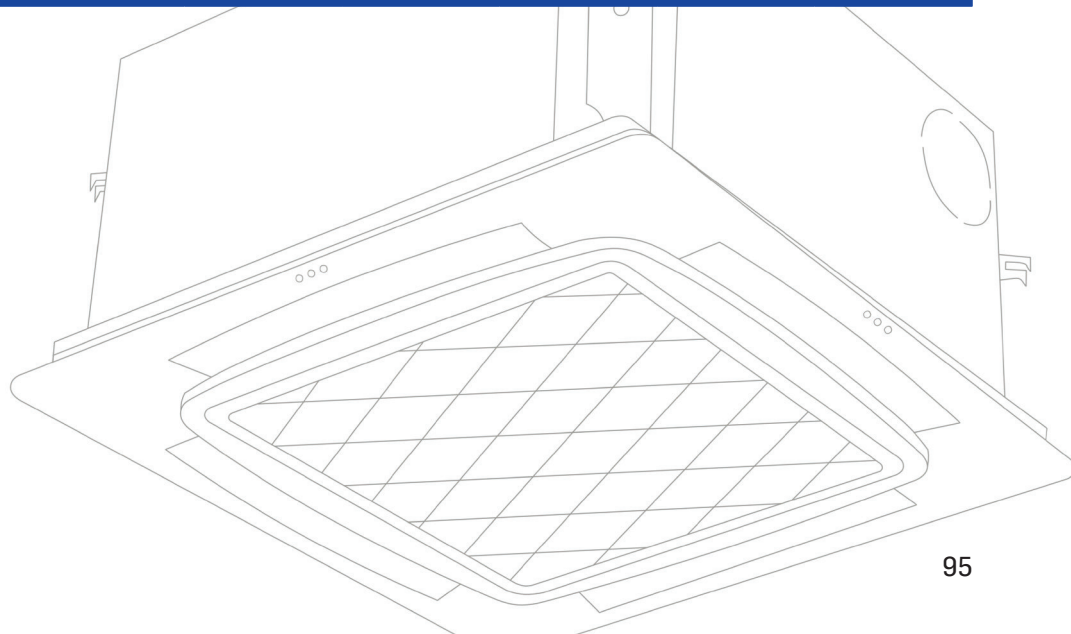
HEATING



COOLING

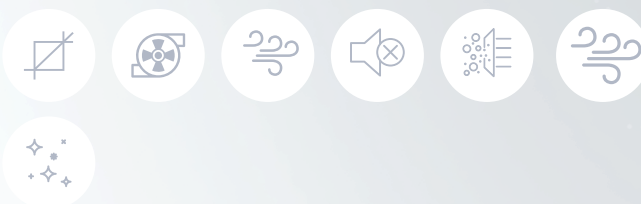
Model Code	Item	Unit	40VU005C-7S-QEE	40VU007C-7S-QEE	40VU009C-7S-QEE	40VU012C-7S-QEE	40VU016C-7S-QEE	40VU018C-7S-QEE
Capacity	Model capacity	HP	0,5	0,8	1,0	1,25	1,7	2,0
	Cooling	kW	1,5	2,2	2,8	3,6	4,5	5,6
	Heating	kW	1,7	2,5	3,2	4,0	5,0	6,3
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Power consumption	W	17	17	17	18	26	35
Dimensions (W/D/H)	Net Product	mm	570/570/260	570/570/260	570/570/260	570/570/260	570/570/260	570/570/260
	Shipping Product	mm	718/680/380	718/680/380	718/680/380	718/680/380	718/680/380	718/680/380
	Net Panel	mm	620/620/60	620/620/60	620/620/60	620/620/60	620/620/60	620/620/60
	Shipping Panel	mm	660/660/115	660/660/115	660/660/115	660/660/115	660/660/115	660/660/115
Weight	Product Net/Shipping	kg	16/19	16/19	16/19	19/22	19/22	19/22
	Panel Net/Shipping	kg	2,8/4,5	2,8/4,5	2,8/4,5	2,8/4,5	2,8/4,5	2,8/4,5
Fan	Air flow (H/M/L)	m³/h	520/450/400	520/450/400	520/450/400	520/450/400	650/520/450	760/650/520
Pressure sound level	Cooling (H/M/L)	dB(A)	32/30/29	32/30/29	32/30/29	33/30/29	33/30/29	34/32/30
	Heating (H/M/L)	dB(A)	32/30/29	32/30/29	32/30/29	33/30/29	33/30/29	34/32/30
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	6,35	6,35	6,35	6,35
	Refrigerant gas pipe (Ø)	mm	9,52	9,52	9,52	12,7	12,7	12,7
	Drain port diameter	mm	32	32	32	32	32	32
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S	S	S	S
Accessories (optional)	Panel model code	/	40VPU018C7SQEE	40VPU018C7SQEE	40VPU018C7SQEE	40VPU018C7SQEE	40VPU018C7SQEE	40VPU018C7SQEE

INDOOR





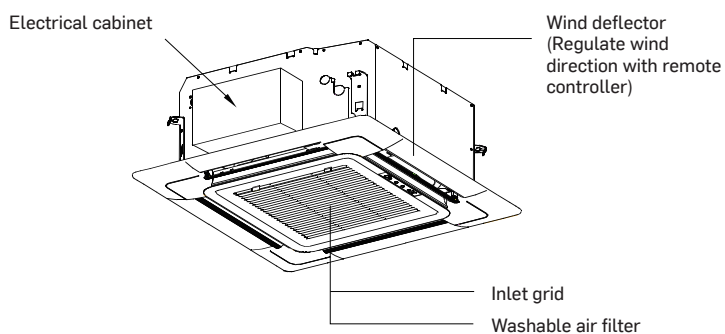
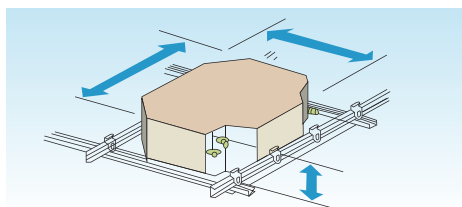
COMPACT FOUR-WAY CASSETTE (DC MOTOR)



Compact Design, Easy Installation, Servicing & Maintenance

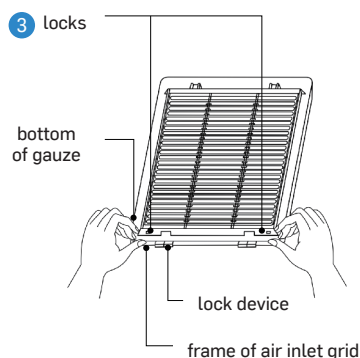
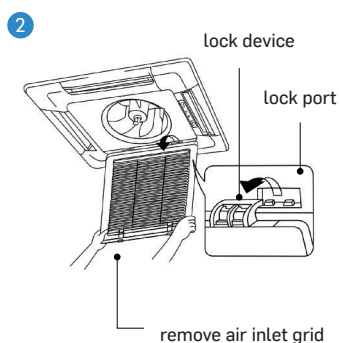
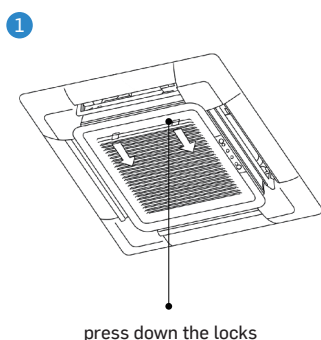
Extremely compact casing (570 mm in width and 260 mm in depth) makes it match perfectly with the ambience and decor.

Minimum space is required for installation on a shallow ceiling. Due to their compact body and light weight, all models can be installed without a hoist.



Easy Servicing & Maintenance

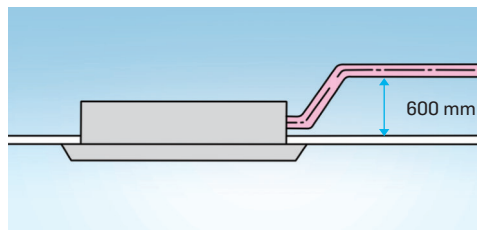
- Easy removal of air filters for cleaning
- Easy access to indoor unit components





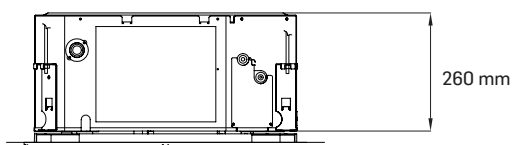
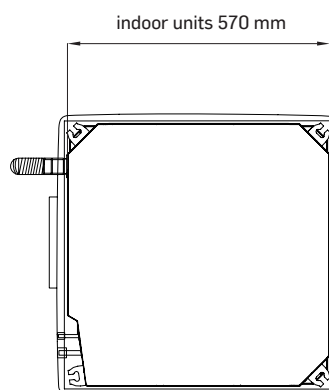
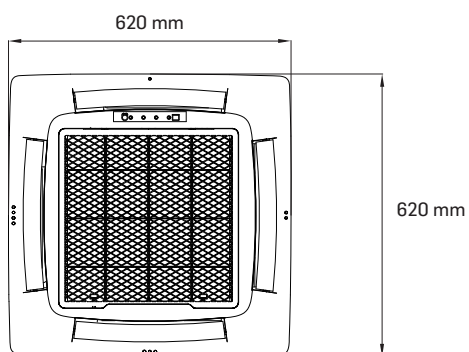
Standard Built-in Drain Pump

Standard fitting drain pump with 600 mm pump head



INDOOR

Dimensions



ROUND-WAY CASSETTE

(DC MOTOR) 40VU*R-7E

- Round corner design. Unique round-way air outlet and air distribution to reduce blind spots
- DC powered fan with low sound and high efficiency
- Built-in drain pump (600 mm)
- Innovative four-way independent airflow control, 6 adjustable lower positions and 1296 air flow combinations
- Upto 4.2 m ceiling height with a large capacity
- Automatic display of fault codes and setpoint temperature
- T-shaped lifting eye with adjustable width and length direction for your convenience
- Fresh air inlet
- The unit body is insulated on 4 sides to avoid cold bridge effect



Optional Panel: 40VPU054R7EQEE



Specifications



Model Code	Item	Unit	40VU007R-7E-QEE	40VU009R-7E-QEE	40VU012R-7E-QEE	40VU016R-7E-QEE	40VU018R-7E-QEE	40VU024R-7E-QEE
Capacity	Model capacity	HP	0,8	1,0	1,25	1,7	2,0	2,5
	Cooling	kW	2,2	2,8	3,6	4,5	5,6	7,1
	Heating	kW	2,5	3,2	4,0	5,0	6,3	8,0
Electrical parameters	Power supply	Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
	Power consumption	W	30	30	30	30	30	50
Dimensions (W/D/H)	Net Product	mm	840/840/183	840/840/183	840/840/183	840/840/183	840/840/183	840/840/204
	Shipping Product	mm	983/983/268	983/983/268	983/983/268	983/983/268	983/983/268	983/983/290
	Net Panel	mm	950/950/50	950/950/50	950/950/50	950/950/50	950/950/50	950/950/50
	Shipping Panel	mm	1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123
Weight	Product Net/Shipping	kg	25/28	25/28	25/28	25/28	25/28	27/30
	Panel Net/Shipping	kg	6,5/9	6,5/9	6,5/9	6,5/9	6,5/9	6,5/9
Fan	Air flow (H/M/L)	m³/h	1000/810/620	1000/810/620	1000/810/620	1000/810/620	1000/810/620	1380/1190/1000
Pressure sound level	Cooling (H/M/L)	dB(A)	30/27/25	30/27/25	30/27/25	32/29/27	33/30/29	35/34/31
	Heating (H/M/L)	dB(A)	30/27/25	30/27/25	30/27/25	32/29/27	33/30/29	35/34/31
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	6,35	6,35	6,35	9,52
	Refrigerant gas pipe (Ø)	mm	9,52	9,52	12,7	12,7	12,7	15,88
	Drain port diameter	mm	25	25	25	25	25	25
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S	S	S	S
Accessories (optional)	Panel Model Code - Standard	/	40VPU054R7EQEE	40VPU054R7EQEE	40VPU054R7EQEE	40VPU054R7EQEE	40VPU054R7EQEE	40VPU054R7EQEE
	Panel Model Code with Presence Sensor	Additional Feature	40VPU054A7EQEE	40VPU054A7EQEE	40VPU054A7EQEE	40VPU054A7EQEE	40VPU054A7EQEE	40VPU054A7EQEE



INDOOR

Specifications



HEATING



COOLING

Model Code	Item	Unit	40VU028R-7E-QEE	40VU030R-7E-QEE	40VU038R-7E-QEE	40VU048R-7E-QEE	40VU054R-7E-QEE
Capacity	Model capacity	HP	3,0	3,2	4,0	5,0	6,0
	Cooling	kW	8,0	9,0	11,2	14,0	16,0
	Heating	kW	9,0	10,0	12,5	16,0	18,0
Electrical parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Power consumption	W	50	90	90	110	110
Dimensions (W/D/H)	Net Product	mm	840/840/204	840/840/246	840/840/246	840/840/288	840/840/288
	Shipping Product	mm	983/983/290	983/983/331	983/983/331	983/983/373	983/983/373
	Net Panel	mm	950/950/50	950/950/50	950/950/50	950/950/50	950/950/50
	Shipping Panel	mm	1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123	1013/1025/123
Weight	Product Net/Shipping	kg	27/30	31/36	31/36	33/38	33/38
	Panel Net/Shipping	kg	6.5/9	6.5/9	6.5/9	6.5/9	6.5/9
Fan	Air flow (H/M/L)	m³/h	1380/1190/1000	2050/1860/1670	2050/1860/1670	2100/1910/1720	2100/1910/1720
Pressure sound level	Cooling (H/M/L)	dB(A)	37/35/31	37/35/31	37/35/31	44/40/36	44/40/36
	Heating (H/M/L)	dB(A)	37/35/31	37/35/31	37/35/31	44/40/36	44/40/36
Piping	Refrigerant liquid pipe (Ø)	mm	9,52	9,52	9,52	9,52	9,52
	Refrigerant gas pipe (Ø)	mm	15,88	15,88	15,88	15,88	15,88
	Drain port diameter	mm	25	25	25	25	25
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S	S	S
Accessories (optional)	Panel Model Code - Standard	/	40VPU054R7EQEE	40VPU054R7EQEE	40VPU054R7EQEE	40VPU054R7EQEE	40VPU054R7EQEE
	Panel Model Code with Presence Sensor	Additional Feature	40VPU054A7EQEE	40VPU054A7EQEE	40VPU054A7EQEE	40VPU054A7EQEE	40VPU054A7EQEE

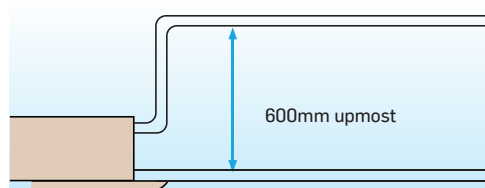


ROUND-WAY CASSETTE (DC MOTOR)



Standard Built-in Drain Pump

Standard built-in drain pump can take the condensed water up to 600 mm which allows easier installation of the drain pipe system.



Smart Self Diagnostic Function

By adding digital tube displayer on the display board, the error codes can be displayed directly for trouble shooting.



Save Energy

Optional panel with presence sensor

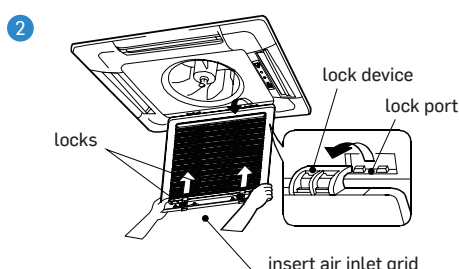
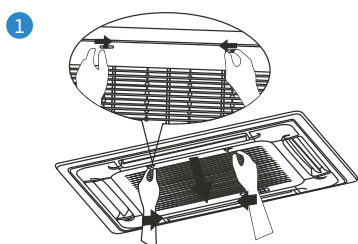
- IDU automatically turns on when it detects human presence
- automatically switches off when no human presence is detected

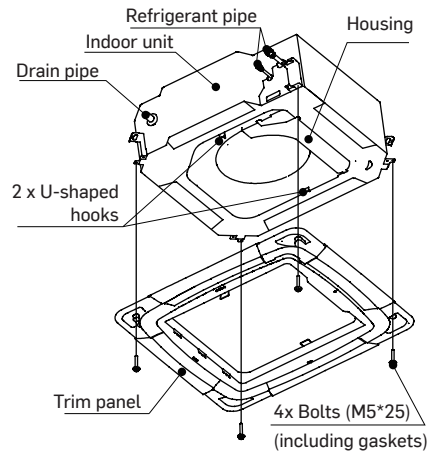
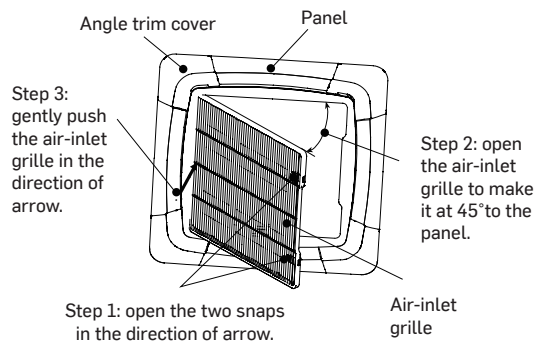


40VPU054A7EQEE

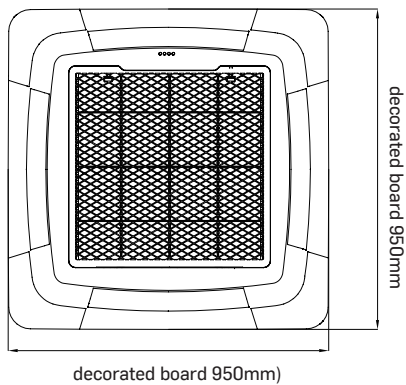
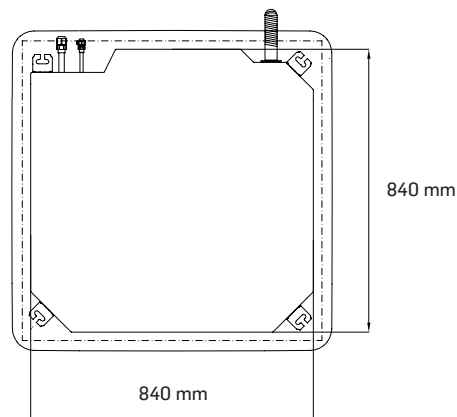
Easy Servicing & Maintenance

- Easy removal of air filter for cleaning
- Remote on/off function and alarm function
- Easy access to indoor unit components

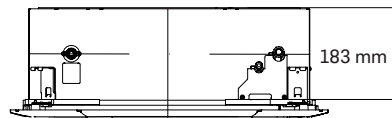




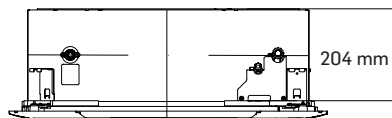
Dimensions



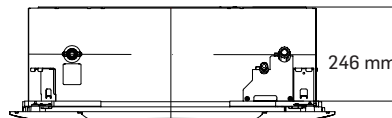
40VU007/009/012/016/018R-7E-QEE



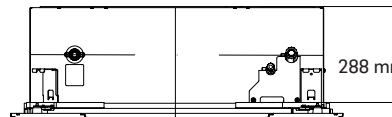
40VU024/028R-7E-QEE



40VU030/038R-7E-QEE



40VU048/054R-7E-QEE

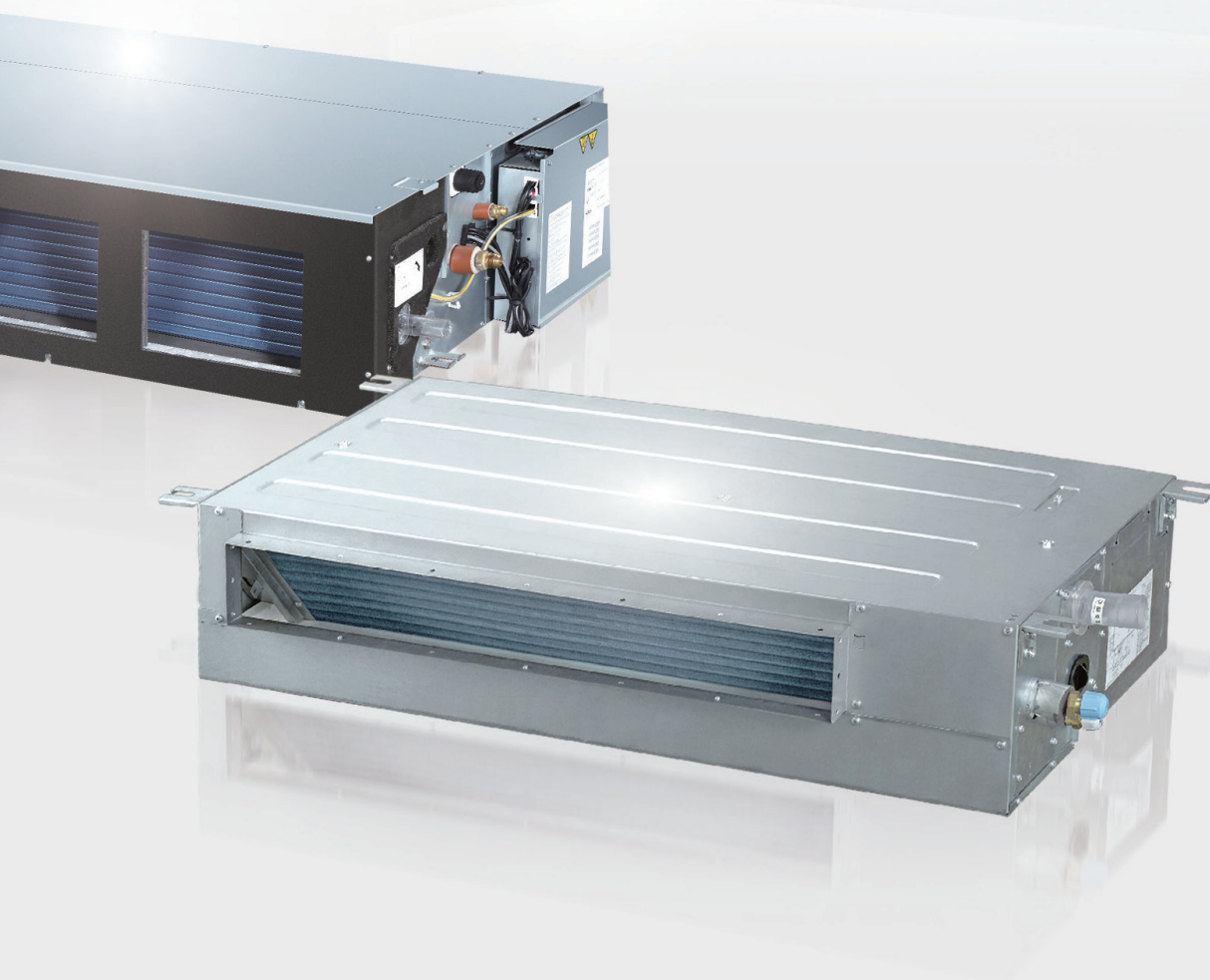




Turn to the experts

INDOOR

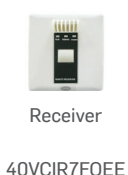
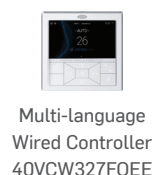




SLIM DUCT

(DC MOTOR 0/15/30 PA) 40VD*L-7E

- Ultra-thin design: 185 mm height to accommodate in limited space
- DC motor with six fan speed settings provides comfort control according to convenience
- Built-in drain pump
- Bottom or rear air return
- Static pressure setting 0/30 Pa
- Can be installed with or without discharge & return plenum
- Drainage connection available on both sides to adapt to any building configuration
- Optional panel available



Specifications



HEATING



COOLING

Model Code	Item	Unit	40VD005L-7E-QEE	40VD007L-7E-QEE	40VD009L-7E-QEE	40VD012L-7E-QEE
Capacity	Model capacity	HP	0,5	0,8	1,0	1,25
	Cooling	kW	1,5	2,2	2,8	3,6
	Heating	kW	1,7	2,5	3,2	4,0
Electrical parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Power consumption	W	18	18	18	31
Dimensions (W/D/H)	Net Product	mm	850/420/185	850/420/185	850/420/185	850/420/185
	Shipping Product	mm	1045/540/270	1045/540/270	1045/540/270	1045/540/270
	Net Panel	mm	890/190/100 (outlet panel) 890/290.5/32.4 (inlet panel)	890/190/100 (outlet panel) 890/290.5/32.4 (inlet panel)	890/190/100 (outlet panel) 890/290.5/32.4 (inlet panel)	890/190/100 (outlet panel) 890/290.5/32.4 (inlet panel)
	Shipping Panel (inlet/outlet)	mm	938/335/220	938/335/220	938/335/220	938/335/220
Weight	Product Net/Shipping	kg	16.5/21.5	17.5/22.5	17.5/22.5	17.5/22.5
	Panel Net (In-Out)/Shipping (In-Out)	kg	4/5	4/5	4/5	4/5
External static pressure	Standard	Pa	15	15	15	15
	Maximum	Pa	30	30	30	30
Fan	Air flow (H/M/L)	m³/h	430/370/310	480/420/360	480/420/360	550/430/370
Pressure sound level	Cooling (H/M/L)	dB(A)	26/22/19	27/23/20	27/23/20	30/27/24
	Heating (H/M/L)	dB(A)	26/22/19	27/23/20	27/23/20	30/27/24
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	6,35	6,35
	Refrigerant gas pipe (Ø)	mm	9,52	9,52	9,52	12,7
	Drain port diameter	mm	25	25	25	25
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S	S
Accessories (optional)	Panel model code	/	40VPD016L7EQEE	40VPD016L7EQEE	40VPD016L7EQEE	40VPD016L7EQEE



INDOOR

Specifications



HEATING



COOLING

Model Code	Item	Unit	40VD016L-7E-QEE	40VD018L-7E-QEE	40VD024L-7E-QEE
Capacity	Model capacity	HP	1,7	2,0	3,0
	Cooling	kW	4,5	5,6	7,1
	Heating	kW	5,0	6,3	8,0
Electrical parameters	Power supply	Ph/V/Hz	1/220-230/50/60	1/220-230/50/60	1/220-230/50/60
	Power consumption	W	35	40	50
Dimensions (W/D/H)	Net Product	mm	850/420/185	1170/420/185	1170/420/185
	Shipping Product	mm	1045/540/270	1365/540/270	1365/540/270
	Net Panel	mm	890/190/100 (outlet panel) 890/290.5/32.4 (inlet panel)	1210/190/100 (outlet panel) 1210/290.5/32.4 (inlet panel)	1210/190/100 (outlet panel) 1210/290.5/32.4 (inlet panel)
	Shipping Panel (inlet/outlet)	mm	938/335/220	1258/335/220	1258/335/220
Weight	Product Net/Shipping	kg	18.5/23.5	22.2/28.2	24/30
	Panel Net (In-Out)/Shipping (In-Out)	kg	4/5	5/6	5/6
External static pressure	Standard	Pa	15	15	15
	Maximum	Pa	30	30	30
Fan	Air flow (H/M/L)	m³/h	600/540/460	800/690/580	930/850/750
Pressure sound level	Cooling (H/M/L)	dB(A)	32/29/26	33/30/27	36/33/30
	Heating (H/M/L)	dB(A)	32/29/26	33/30/27	36/33/30
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	9,52
	Refrigerant gas pipe (Ø)	mm	12,7	12,7	15,88
	Drain port diameter	mm	25	25	25
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S
Accessories (optional)	Panel model code	/	40VPD016L7EQEE	40VPD024L7EQEE	40VPD024L7EQEE



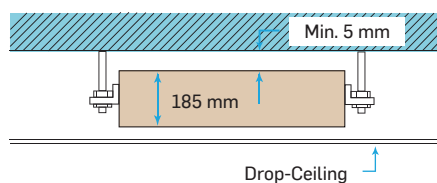
SLIM DUCT

(DC MOTOR – 0/15-30 Pa)



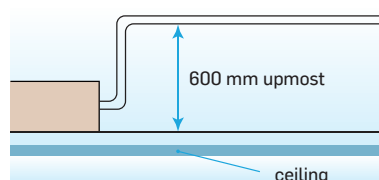
Slim, Light Weight & Compact

The compact design is 185mm in height and is ideal for installation where space above the ceiling is limited.



Built-in Drain Pump

Built-in drain pump (600 mm pump head)



Easy Installation

Optional outlet & inlet panels are available



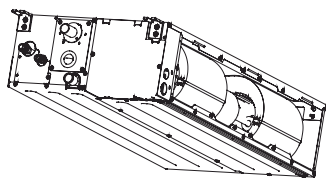
Model Codes	Outlet Panel Dimensions (WxHxD)	Inlet Panel Dimensions (WxHxD)	Shipping Panel (inlet - Outlet)
Up to 40VPD016L7EQEE	890x190x100 mm	890x291x32 mm	938x335x220 mm
40VPD018-024L7EQEE	1210x190x100 mm	1210x291x32 mm	1258x335x220 mm



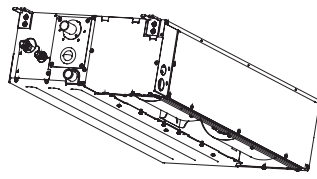
Installation Modes

This series of air conditioners can be arranged in two air return modes:

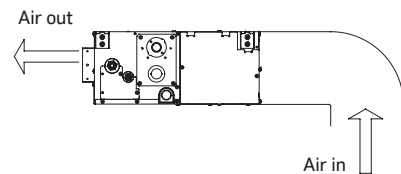
1. Backward air return (factory default); 2. Downward air return (can be adjusted on site. See the following figures.)



Backward air return



Downward air return 1

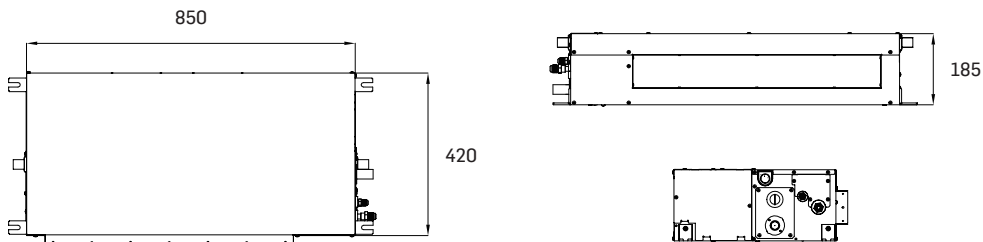


Downward air return 2

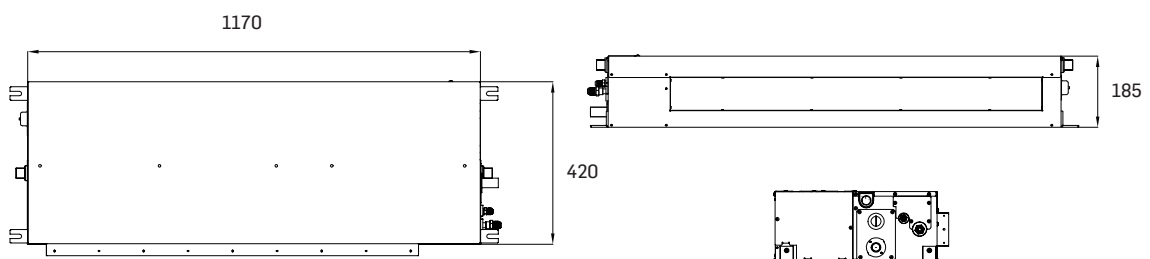
Note: the downward air return mode would increase noise to 3-5 dB(A). It is recommended to install the air conditioner in downward air return mode 2 if enough space is available.

Dimensions

40VD005/007/009/012/016L-7E-QEE



40VD018/024L-7E-QEE

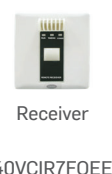
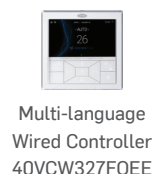


STANDARD STATIC DUCT

(DC MOTOR 20/200 Pa) 40VD*S-7S



- Elegant slim design with T-shaped lifting eye with adjustable width and length in direction for your convenience
- Hidden installation for a clean and sophisticated appearance
- Standard draining pump with maximum 700 mm lift
- Reserve outside air inlet that helps improve indoor air quality
- High-quality sealing pipe liner made of heat-retaining EPS material
- Installation markers for easy installation



Specifications

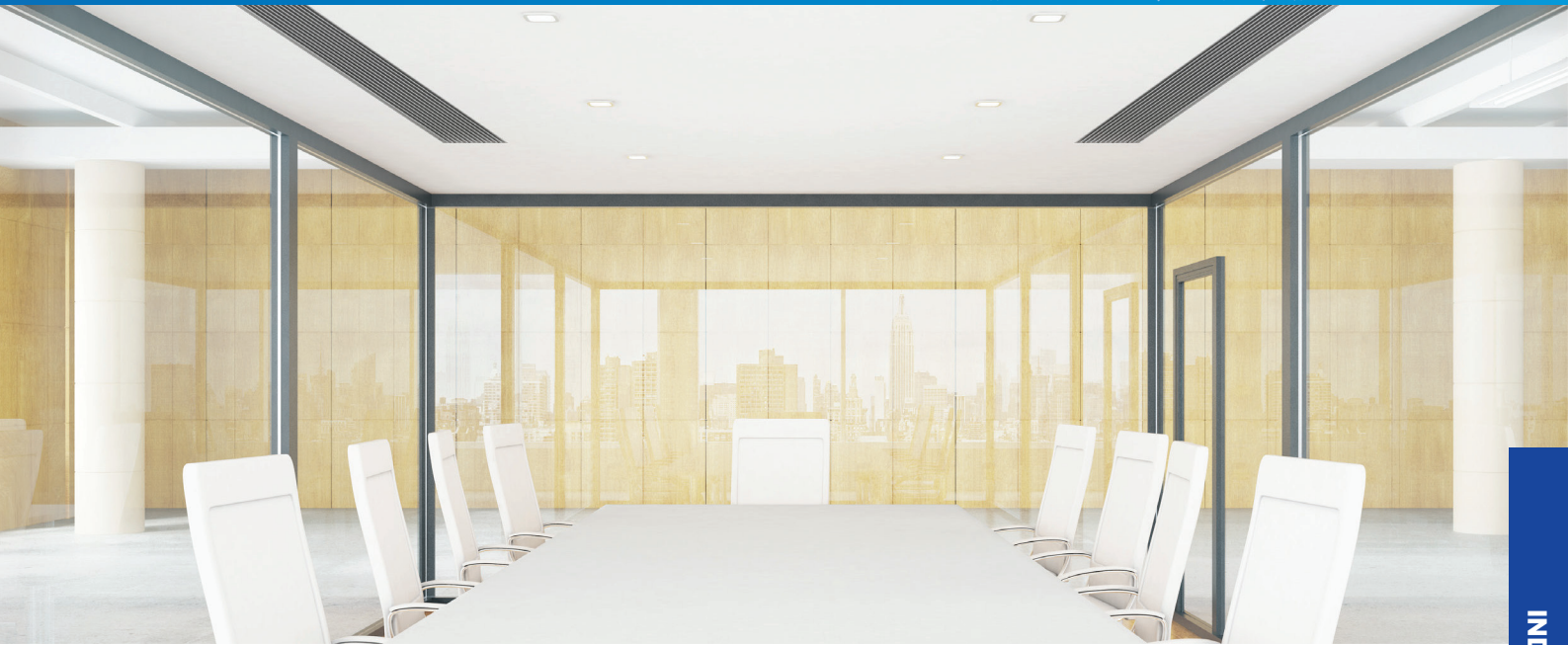


HEATING



COOLING

Model Code	Item	Unit	40VD005S-7S-QEE	40VD007S-7S-QEE	40VD009S-7S-QEE	40VD012S-7S-QEE	40VD016S-7S-QEE	40VD018S-7S-QEE
Capacity	Model capacity	HP	0.5	0.8	1.0	1.25	1.7	2.0
	Cooling	kW	1.5	2.2	2.8	3.6	4.5	5.6
	Heating	kW	1.7	2.5	3.2	4.0	5.0	6.3
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Power consumption	W	27	29	29	31	50	37
Dimensions (W/D/H)	Net Product	mm	700/700/248	700/700/248	700/700/248	700/700/248	700/700/248	1100/700/248
	Shipping Product	mm	932/835/280	932/835/280	932/835/280	932/835/280	932/835/280	1332/835/280
Weight	Product Net/Shipping	kg	27/32	27/32	27/32	27/32	28.5/33.5	36.8/43.4
External static pressure	Standard	Pa	20	20	20	20	20	20
	Maximum	Pa	200	200	200	200	200	200
Fan	Air flow (H/M/L)	m³/h	515/440/390	545/470/390	545/470/390	570/495/420	700/625/550	915/765/640
Pressure sound level	Cooling (H/M/L)	dB(A)	29/27/25	30/28/25	30/28/25	31/29/27	32/30/28	33/31/29
	Heating (H/M/L)	dB(A)	29/27/25	30/28/25	30/28/25	31/29/27	32/30/28	33/31/29
Piping	Refrigerant liquid pipe (Ø)	mm	6.35	6.35	6.35	6.35	6.35	6.35
	Refrigerant gas pipe (Ø)	mm	9.52	9.52	9.52	12.7	12.7	12.7
	Drain port diameter	mm	25	25	25	25	25	25
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S	S	S	S



Specifications



HEATING



COOLING

Model Code	Item	Unit	40VD024S-7S-QEE	40VD028S-7S-QEE	40VD030S-7S-QEE	40VD038S-7S-QEE	40VD048S-7S-QEE	40VD054S-7S-QEE
Capacity	Model capacity	HP	2.5	3,0	3,2	4,0	5,0	6,0
	Cooling	kW	7,1	8,0	9,0	11,2	14,0	16,0
	Heating	kW	8,0	9,0	10,0	13,0	16,3	18,0
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Power consumption	W	68	68	94	124	156	194
Dimensions (W/D/H)	Net Product	mm	1100/700/248	1100/700/248	1100/700/248	1500/700/248	1500/700/248	1500/700/248
	Shipping Product	mm	1332/835/280	1332/835/280	1332/835/280	1698/857/305	1698/857/305	1698/857/305
Weight	Product Net/Shipping	kg	36.8/43.4	36.8/43.4	39.4/45.4	48.3/56.5	51.3/59.5	51.3/59.5
External static pressure	Standard	Pa	20	20	20	20	20	20
	Maximum	Pa	200	200	180	180	180	180
Fan	Air flow (H/M/L)	m³/h	1275/1050/875	1275/1050/875	1450/1200/1000	2000/1700/1400	2150/1750/1400	2350/1950/1600
Pressure sound level	Cooling (H/M/L)	dB(A)	34/31/29	35/33/30	36/33/30	38/35/32	40/36/32	42/38/34
	Heating (H/M/L)	dB(A)	34/31/29	35/33/30	36/33/30	38/35/32	40/36/32	42/38/34
Piping	Refrigerant liquid pipe (Ø)	mm	9,52	9,52	9,52	9,52	9,52	9,52
	Refrigerant gas pipe (Ø)	mm	15,88	15,88	15,88	15,88	15,88	15,88
	Drain port diameter	mm	25	25	25	25	25	25
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S	S	S	S

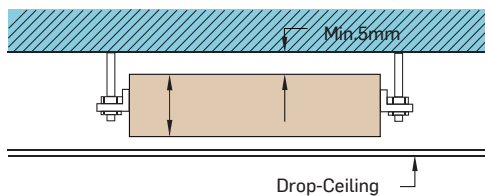


STANDARD STATIC DUCT (DC MOTOR – 20/200 Pa)



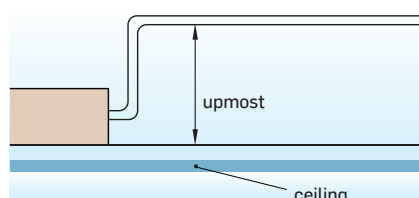
Slim & Compact Design

The compact design is 248 mm in height and is ideal for installation where space above the ceiling is limited.



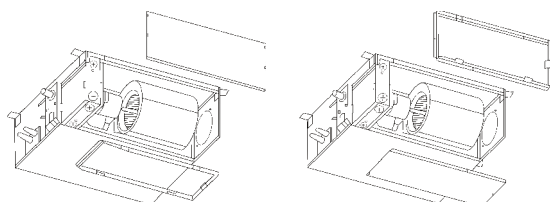
Built-in Drain Pump

Built-in drain pump (700mm pump head)



Standard Static Duct

- Flexible Bottom or Rear Air Return



Back air return opening

Below air return opening

- Fixation adjustment
Width and length direction can be adjusted for more convenience



T-shaped lifting eye



Outside air inlet reservation

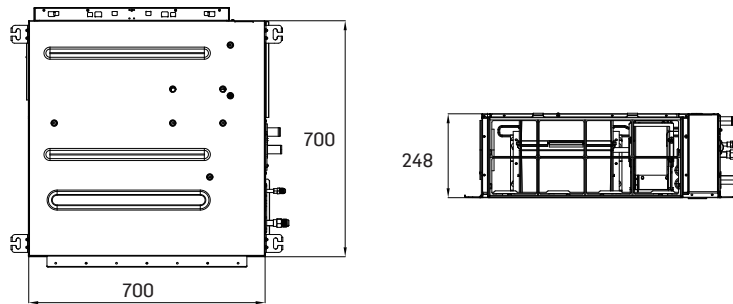
Better pipe sealing by EPS material



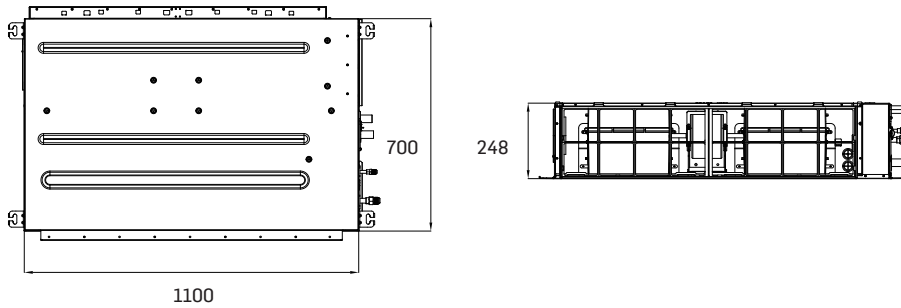


Dimensions

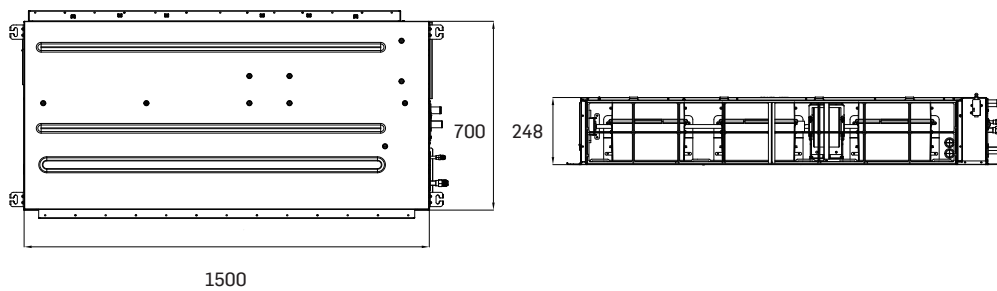
40VD005S-7S-QEE/40VD007S-7S-QEE/40VD009S-7S-QEE/40VD012S-7S-QEE/40VD016S-7S-QEE



40VD018S-7S-QEE/40VD024S-7S-QEE/40VD028S-7S-QEE/40VD030S-7S-QEE



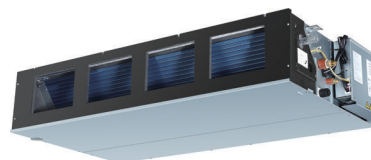
40VD038S-7S-QEE/40VD048S-7S-QEE/40VD054S-7S-QEE



HIGH STATIC DUCT (DC MOTOR 0/250 PA) 40VD*H-7S

- Wide range of capacities covered from 2.2 kW to 28 kW with compact 280 mm height
- High-efficiency, low energy consumption DC motor
- 6.35 mm coil copper pipe to ensure precise & efficient refrigerant distribution
- Top-performing composite material fan wheel blower with light air resistance
- ESP can be changed according to requirements to minimize the noise
- Installer-friendly buckle design of electric box & pull-out fan motor design
- Built-in drain pump (for models up to 6 HP)
- Up to 250 Pa ESP

40VD007H/054H-7S-QEE



40VD072H/096H-7S-QEE



Wired Controller

40VCW217FQEE


Simple
Wired Controller

40VCW117FQEE


Multi-language
Wired Controller

40VCW327FQEE


Wireless
Controller

40VC167FQEE



Receiver

40VCIR7FQEE

Specifications



HEATING



COOLING

Model Code	Item	Unit	40VD007H-7S-QEE	40VD009H-7S-QEE	40VD012H-7S-QEE	40VD015H-7S-QEE	40VD018H-7S-QEE	40VD024H-7S-QEE	40VD028H-7S-QEE
Capacity	Model capacity	HP	0,8	1,0	1,25	1,7	2,0	2,5	3,0
	Cooling	kW	2,2	2,8	3,6	4,5	5,6	7,1	8,0
	Heating	kW	2,5	3,2	4,0	5,0	6,3	8,0	9,0
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)
	Power consumption	W	120	120	181	181	181	252.3	259.3
Dimensions (W/D/H)	Net Product	mm	750/635/280	750/635/280	750/635/280	750/635/280	750/635/280	950/635/280	950/635/280
	Shipping Product	mm	980/740/335	980/740/335	980/740/335	980/740/335	980/740/335	1180/740/335	1180/740/335
Weight	Product Net/Shipping	kg	29/35	29/35	29/35	29/35	29/35	34/41	34/41
External static pressure	Standard	Pa	0-200	0-200	0-200	0-200	0-200	0-200	0-200
	Maximum	Pa	200	200	200	200	200	200	200
Fan	Air flow (H/M/L)	m³/h	500/410/360	600/510/450	700/580/500	780/680/600	900/780/600	1100/1020/920	1500/1320/1220
Pressure sound level	Cooling (H/M/L)	dB(A)	30/25/23	30/25/23	32/29/26	32/29/26	32/29/26	33/29/25	33/29/25
	Heating (H/M/L)	dB(A)	30/25/23	30/25/23	32/29/26	32/29/26	32/29/26	33/29/25	33/29/25
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	6,35	6,35	6,35	9,52	9,52
	Refrigerant gas pipe (Ø)	mm	9,52	9,52	12,7	12,7	12,7	15,88	15,88
	Drain port diameter	mm	31.5	31.5	31.5	31.5	31.5	31.5	31.5
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S	S	S	S	S



INDOOR

Specifications



HEATING

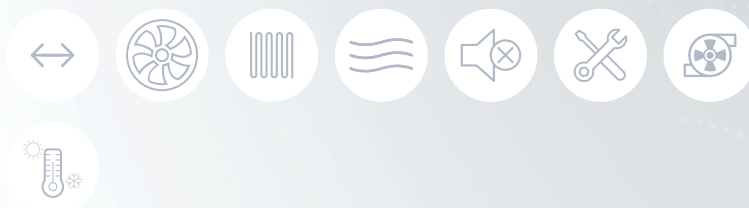


COOLING

Model Code	Item	Unit	40VD030H-7S-QEE	40VD036H-7S-QEE	40VD048H-7S-QEE	40VD054H-7S-QEE	40VD072H-7S-QEE	40VD096H-7S-QEE
Capacity	Model capacity	HP	3,2	4,0	5,0	6,0	8	10
	Cooling	kW	9,0	11,2	14,0	16,0	22,4	28
	Heating	kW	10,0	12,5	16,0	18,0	25	31
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)	1/220-240/50(60)
	Power consumption	W	259.3	315.6	366.8	366.8	645	950
Dimensions (W/D/H)	Net Product	mm	950/635/280	1370/740/280	1370/740/280	1370/740/280	1330/895/500	1330/895/500
	Shipping Product	mm	1180/740/335	1555/839/380	1555/839/380	1555/839/380	1590/1087/690	1590/1087/690
Weight	Product Net/Shipping	kg	34/41	54/68	54/68	54/68	103/146	103/146
External static pressure	Standard	Pa	0~200	0~200	0~200	0~200	100	100
	Maximum	Pa	200	200	200	200	250	250
Fan	Air flow (H/M/L)	m³/h	1500/1320/1220	1700/1510/1400	2280/1920/1780	2280/1920/1780	4200/3500/2900	5200/4300/3500
Pressure sound level	Cooling (H/M/L)	dB(A)	33/29/25	38/36/30	40/34/29	40/34/29	55/51/47	62/58/54
	Heating (H/M/L)	dB(A)	33/29/25	38/36/30	40/34/29	40/34/29	55/51/47	62/58/54
Piping	Refrigerant liquid pipe (Ø)	mm	9,52	9,52	9,52	9,52	12,7	12,7
	Refrigerant gas pipe (Ø)	mm	15,88	15,88	15,88	15,88	22,22	22,22
	Drain port diameter	mm	31,5	31,5	31,5	31,5	25	25
Drain pump	O-optional, S-standard, N-not incl.	/	S	S	S	S	N	N



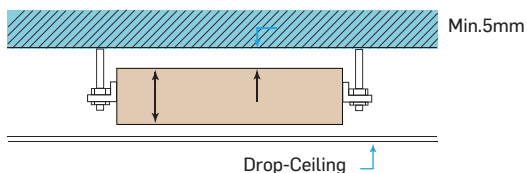
HIGH STATIC DUCT (DC MOTOR – 0/250 Pa)



INDOOR

Slim, Light Weight & Compact Design

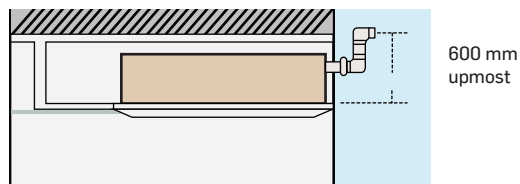
Uniform 280 mm in height. Compact design for easy installation where space over ceiling is limited.



Built-in Drain Pump

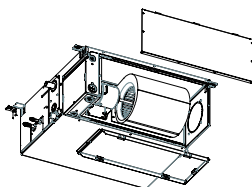
Built-in drain pump
(600 mm pump head).

*Drain pump is only for casing up to 6 HP

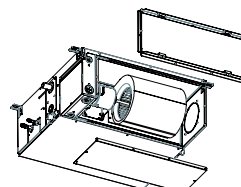


Energy Saving

- High-efficiency DC fan motor
- 6.35 mm heat exchange tube ensures more precise refrigerant distribution and higher efficiency
- High performance composite material wind wheel, light and small air resistance



Back air return opening

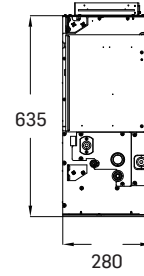
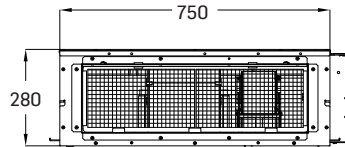
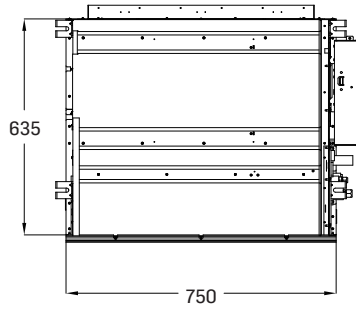


Below air return opening

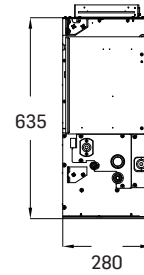
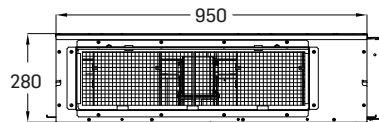
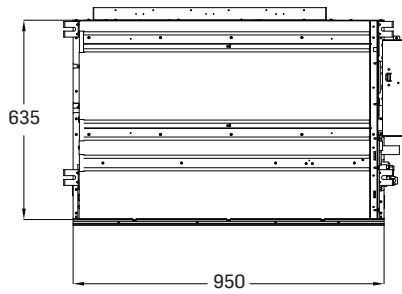


Dimensions

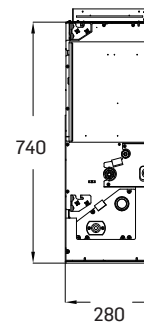
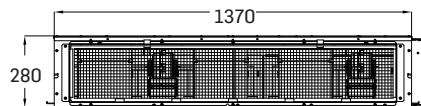
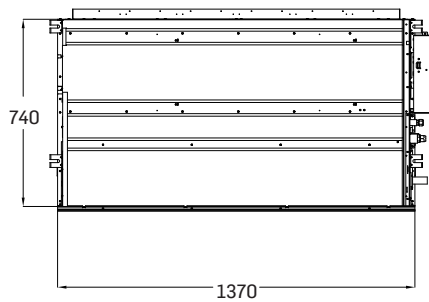
40VD007/009/012/015/018H-7S-QEE



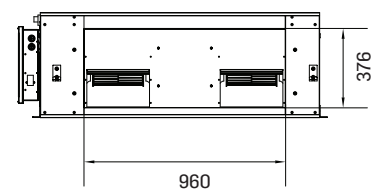
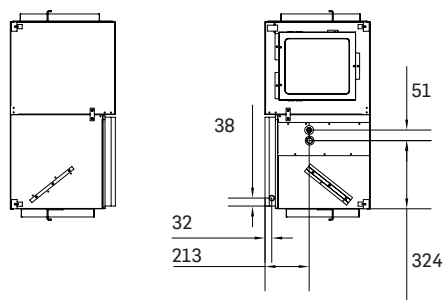
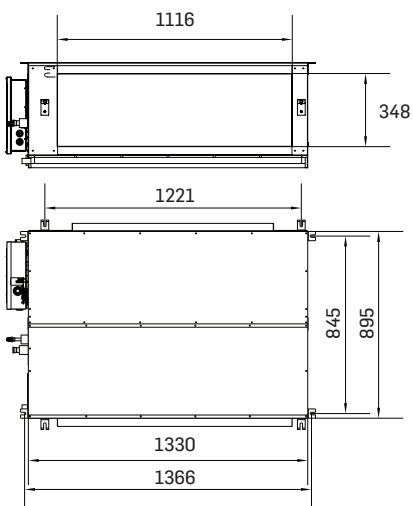
40VD024/028/030H-7S-QEE



40VD036/048/054H-7S-QEE



40VD072H/096H-7S-QEE





Turn to the experts

INDOOR





INDOOR

HIGH WALL

(DC MOTOR) 40VK*S-7S2

- Stylish & exclusive design with LED display cover panel uses ABS-material to improve surface brightness and durability
- Easy-support clip to enable simple installation
- High-efficiency DC powered fan
- PCB integrated design, flexible piping direction arrangement
- PM 2.5 filter available (optional)
- Strong anti-electromagnetic interference to deliver trouble-free performance (EMC test). Suitable for data center application.



Wired Controller
40VCW217FQEE



Simple
Wired Controller
40VCW117FQEE



Multi-language
Wired Controller
40VCW327FQEE



Wireless Controller
included as
standard

Specifications



HEATING



COOLING

Model Code	Item	Unit	40VK005S-7S2-QEE	40VK007S-7S2-QEE	40VK009S-7S2-QEE	40VK012S-7S2-QEE	40VK016S-7S2-QEE
Capacity	Model capacity	HP	0,5	0,8	1,0	1,25	1,7
	Cooling	kW	1,5	2,2	2,8	3,6	4,5
	Heating	kW	1,7	2,5	3,2	4,0	5,0
Electrical parameters	Power supply	Ph/V/Hz	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60	1/220~240/50/60
	Power consumption	W	38	38	38	38	52
Dimensions (W/D/H)	Net Product	mm	855/208/280	855/208/280	855/208/280	855/208/280	1115/243/336
	Shipping Product	mm	954/279/355	954/279/355	954/279/355	954/279/355	1206/342/418
Weight	Product Net/Shipping	kg	9.9/12	9.9/12	9.9/12	9.9/12	15.8/18.9
Fan	Air flow (H/M/L)	m³/h	500/430/370	550/480/420	600/530/470	630/560/500	800/720/650
Pressure sound level	Cooling (H/M/L)	dB(A)	33/31/29	35/31/29	36/31/29	37/33/29	39/36/34
	Heating (H/M/L)	dB(A)	33/31/29	35/31/29	36/31/29	37/33/29	39/36/34
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	6,35	6,35	6,35
	Refrigerant gas pipe (Ø)	mm	9,52	9,52	9,52	12,7	12,7
	Drain port diameter	mm	16,8	16,8	16,8	16,8	16,8
Drain pump	O-optional, S-standard, N-not incl.	/	N	N	N	N	N
Accessories (optional)	PM2.5 Filter	/	40VFK030S7-QEE	40VFK030S7-QEE	40VFK030S7-QEE	40VFK030S7-QEE	40VFK030S7-QEE



INDOOR

Specifications



HEATING



COOLING

Model Code	Item	Unit	40VK018S-7S2-QEE	40VK024S-7S2-QEE	40VK028S-7S2-QEE	40VK030S-7S2-QEE
Capacity	Model capacity	HP	2,0	2,5	3,0	4,0
	Cooling	kW	5,6	7,1	8,0	9,0
	Heating	kW	6,3	8,0	9,0	10,0
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Power consumption	W	52	52	94	94
Dimensions (W/D/H)	Net Product	mm	1115/243/336	1115/243/336	1316/270/365	1316/270/365
	Shipping Product	mm	1206/342/418	1206/342/418	1403/384/463	1403/384/463
Weight	Product Net/Shipping	kg	15.8/18.9	15.8/18.9	21.8/26.3	21.8/26.3
Fan	Air flow (H/M/L)	m³/h	920/800/720	1010/920/800	1500/1400/1300	1600/1500/1400
Pressure sound level	Cooling (H/M/L)	dB(A)	40/39/35	44/40/36	48/43/40	49/44/41
	Heating (H/M/L)	dB(A)	40/39/35	44/40/36	48/43/40	49/44/41
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	9,52	9,52	9,52
	Refrigerant gas pipe (Ø)	mm	12,7	15,88	15,88	15,88
	Drain port diameter	mm	16,8	16,8	16,8	16,8
Drain pump	O-optional, S-standard, N-not incl.	/	N	N	N	N
Accessories (optional)	PM2.5 Filter	/	40VFK030S7-QEE	40VFK030S7-QEE	40VFK030S7-QEE	40VFK030S7-QEE



CASING FOR SIZES 0.5HP TO 2.5HP



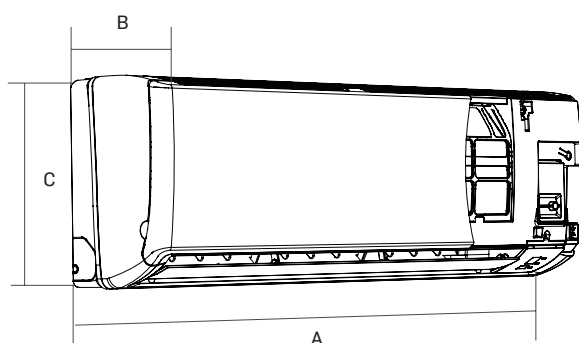
CASING FOR SIZES 3.0HP TO 4.0HP

HIGH WALL (DC MOTOR)



Dimensions

MODEL	A	B	C
40VK005/007/009/012S-72S-QEE	855	208	280
40VK016/018/024S-7S2-QEE	1115	243	336
40VK028/030S-7S2-QEE	1316	220	365



PM 2.5 FILTER



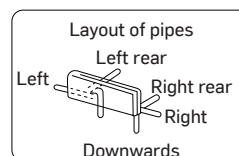
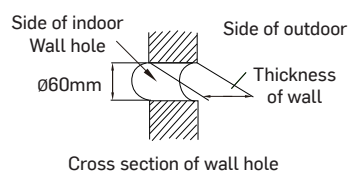
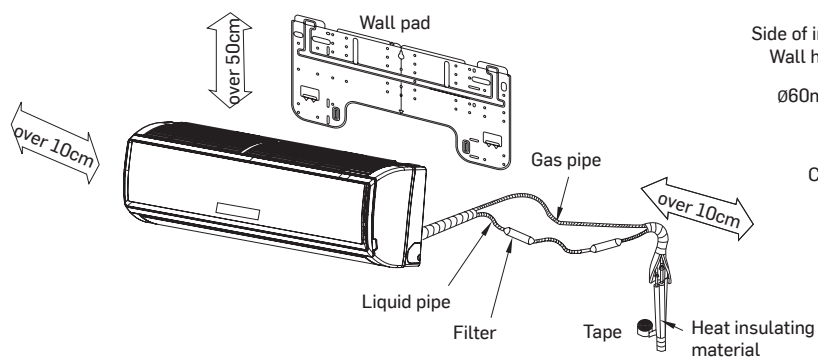
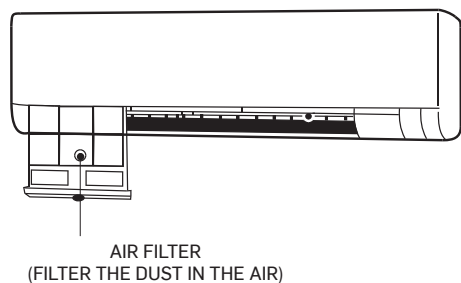
PM 2.5 FILTER (OPTIONAL)

FILTER CODE	DIMENSIONS
40VFK030S7-QEE	225*50*5 MM



Easy Servicing & Maintenance

- Easy removal of air filters for cleaning
- Remote on/off function and alarm function
- Easy access to indoor unit components





INDOOR

TWO-WAY CONSOLE (DC MOTOR) 40VL*B-7E

- Compact design makes installation flexible and easy on the floor or against the wall
- Five fan speeds and two-way airflow modes that automatically adjust for extra comfort and flexibility
Automatic adjusting to carpet airflow when switched to two-way airflow mode
- Stylish & elegant design



Wired Controller
40VCW217FQEE



Simple
Wired Controller
40VCW117FQEE



Multi-language
Wired Controller
40VCW327FQEE



Wireless Controller
40VC167FQEE



Specifications



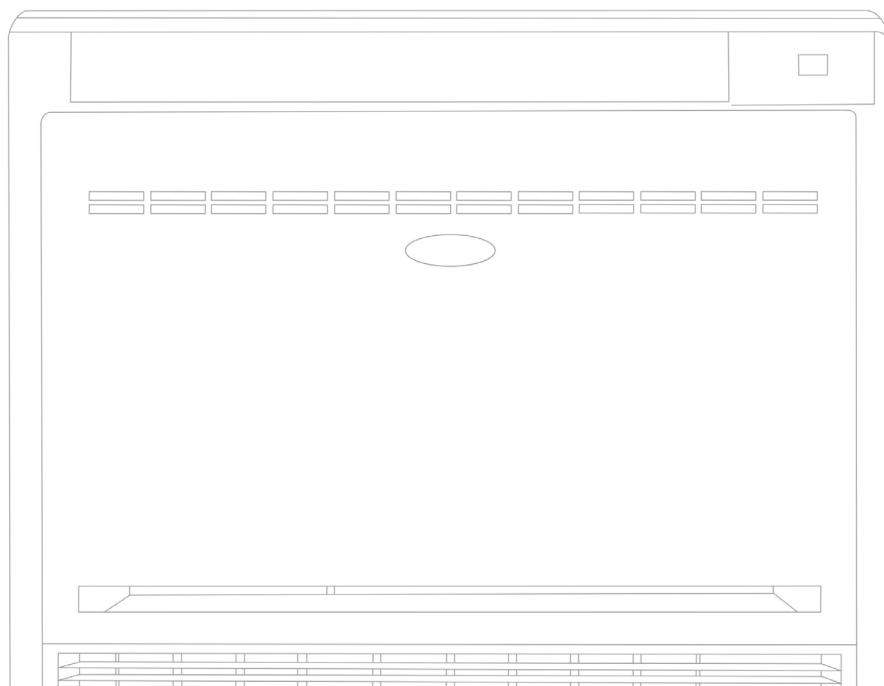
HEATING



COOLING

Model Code	Item	Unit	40VL005B-7E-QEE	40VL007B-7E-QEE	40VL009B-7E-QEE	40VL012B-7E-QEE	40VL018B-7E-QEE
Capacity	Model capacity	HP	0,50	0,80	1,0	1,25	2,0
	Cooling	kW	1,5	2,2	2,8	3,6	5,0
	Heating	kW	1,7	2,6	3,2	4,0	5,5
Electrical parameters	Power supply	Ph/V/Hz	1,220-230V,50/60HZ	1,220-230V,50/60HZ	1,220-230V,50/60HZ	1,220-230V,50/60HZ	1,220-230V,50/60HZ
	Power consumption	W	31	31	31	34	36
Dimensions (W/D/H)	Net Product	mm	700/210/600	700/210/600	700/210/600	700/210/600	700/210/600
	Shipping Product	mm	783/303/695	783/303/695	783/303/695	783/303/695	783/303/695
Weight	Product Net/Shipping	kg	15.2/18.7	15.2/18.7	15.2/18.7	15.2/18.7	15.2/18.7
Fan	Air flow (H/M/L)	m³/h	540/460/390/310/270	540/460/390/310/270	540/460/390/310/270	580/500/420/350/270	620/540/460/390/270
Pressure sound level	Cooling (H/M/L)	dB(A)	45/42/38/33/30	45/42/38/33/30	45/42/38/33/30	47/44/40/36/30	48/45/42/38/30
	Heating (H/M/L)	dB(A)	45/42/38/33/30	45/42/38/33/30	45/42/38/33/30	47/44/40/36/30	48/45/42/38/30
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	6,35	6,35	6,35
	Refrigerant gas pipe (Ø)	mm	12,7	12,7	12,7	12,7	12,7
	Drain port diameter	mm	16	16	16	16	16
Drain pump	O-optional, S-standard, N-not incl.	/	N	N	N	N	N

INDOOR





TWO-WAY CONSOLE (DC MOTOR)

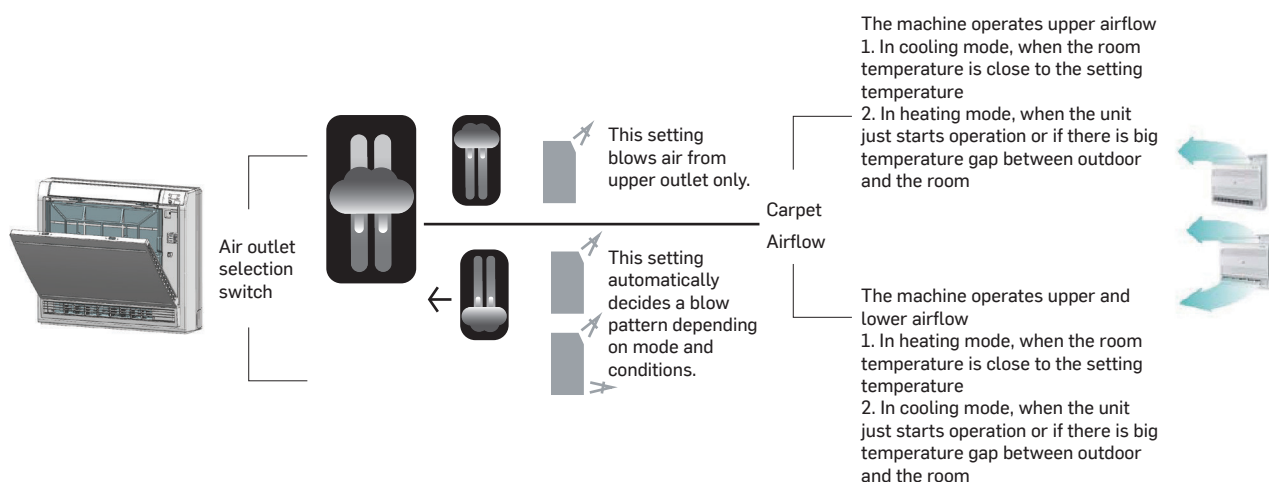


Easy Installation

- The indoor units can be installed on the floor or on the wall. It's flexibility allows for easy installation.

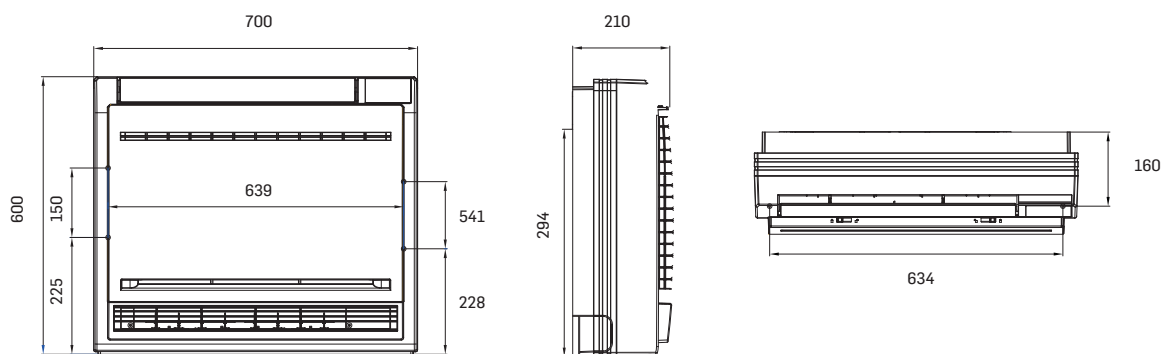
Compact Unit, Save Space

- The console indoor unit is very slim and blend in harmoniously in any room. It can be placed at the corner which allows space saving.

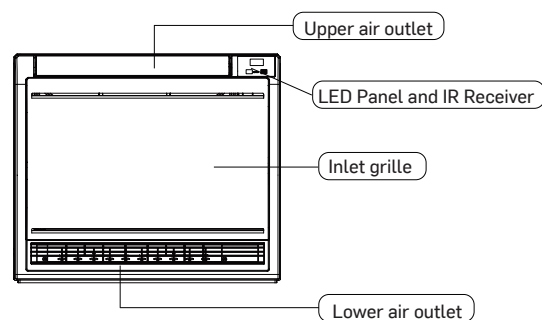
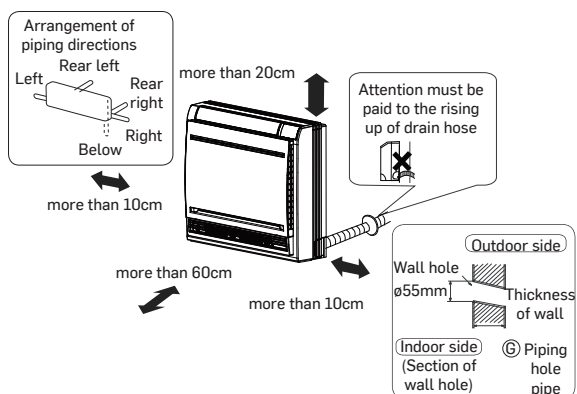




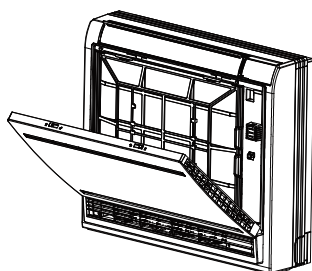
Dimensions



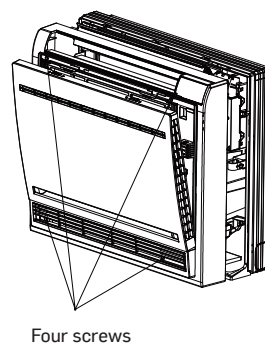
Installation & Servicing



- Hold the front panel by the tabs on both sides and lift it until it stops with a click.



- Loosen the four screws marked here and open the grille.



Four screws



CONSOLE - RECESSED (AC MOTOR) 40VL*R-7G

-  Compact design suitable for installation space as little as 221 mm
-  Good solution for installation beneath a window. Washable filter fitted as standard
-  30 Pa available static pressure for small ducting or higher efficiency filter



Wired Controller
40VCW217FQEE



Simple
Wired Controller
40VCW117FQEE



Multi-language
Wired Controller
40VCW327FQEE



Wireless Controller
40VCI67FQEE



Specifications



HEATING

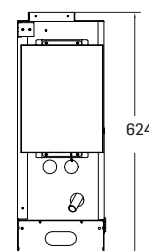
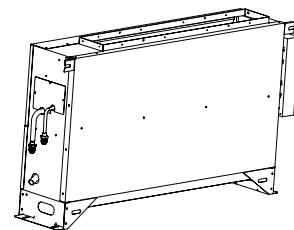
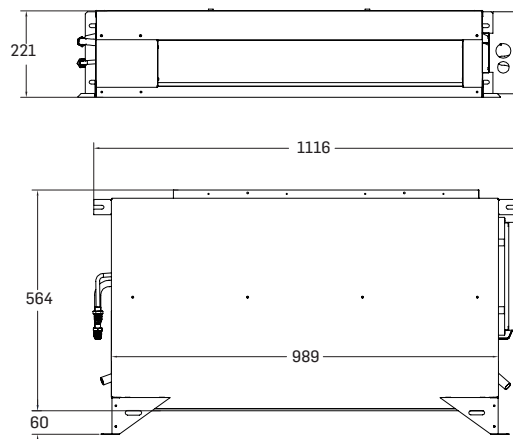


COOLING

Model Code	Item	Unit	40VL007R-7G-QEE	40VL009R-7G-QEE	40VL012R-7G-QEE
Capacity	Model capacity	HP	0,8	1,0	1,25
	Cooling	kW	2,2	2,8	3,6
	Heating	kW	2,5	3,2	4,0
Electrical parameters	Power supply	Ph/V/Hz	1/220~230/50/60	1/220~230/50/60	1/220~230/50/60
	Power consumption	W	110	110	110
Dimensions (W/D/H)	Net Product	mm	1116/221/624	1116/221/624	1116/221/624
	Shipping Product	mm	1198/295/707	1198/295/707	1198/295/707
Weight	Product Net/Shipping	kg	29/37	29/37	29/37
External static pressure	Standard	Pa	0	0	0
	Maximum	Pa	30	30	30
Fan	Air flow (H/M/L)	m³/h	750/650/550	750/650/550	750/650/550
Pressure sound level	Cooling (H/M/L)	dB(A)	38/35/33	38/35/33	40/37/35
	Heating (H/M/L)	dB(A)	38/35/33	38/35/33	40/37/35
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	6,35
	Refrigerant gas pipe (Ø)	mm	9,52	9,52	12,7
	Drain port diameter	mm	20	20	20
Drain pump	O-optional, S-standard, N-not incl.	/	N	N	N

INDOOR

Dimensions



FLEX CEILING FLOOR (DC MOTOR) 40VC*F-7S

- Ultra-compact design (230 mm), elegant balance of flexibility and simplicity
- Appealing, even without screen cover
- Easy installation and maintenance. Easy access to PCB
- Simultaneous left and right swing control for optional freestyle airflow
- PM 2.5 filter (optional)
- Automatic display of fault codes and setpoint temperature
- Fresh air inlet
- Slightly retractable into ceiling



Wired Controller

40VCW217FQEE



Simple

Wired Controller

40VCW117FQEE



Multi-language

Wired Controller

40VCW327FQEE



Wireless Controller

40VC167FQEE

Specifications



HEATING



COOLING

Model Code	Item	Unit	40VC009F-7S-QEE	40VC012F-7S-QEE	40VC016F-7S-QEE	40VC018F-7S-QEE	40VC024F-7S-QEE
Capacity	Model capacity	HP	1,0	1,25	1,7	2,0	2,5
	Cooling	kW	2,8	3,6	4,5	5,6	7,1
	Heating	kW	3,2	4,0	5,0	6,3	8,0
Electrical parameters	Power supply	Ph/V/Hz	1,220~230,50/60	1,220~230,50/60	1,220~230,50/60	1,220~230,50/60	1,220~230,50/60
	Power consumption	W	35	35	45	45	80
Dimensions (W/D/H)	Net Product	mm	1000*230*680	1000*230*680	1000*230*680	1000*230*680	1330*230*680
	Shipping Product	mm	1100*305*779	1100*305*779	1100*305*779	1100*305*779	1425*305*779
Weight	Product Net/Shipping	kg	27.9/33.6	27.9/33.6	27.9/33.6	27.9/33.6	35.8/42.1
Fan	Air flow (H/M/L)	m³/h	820/750/690	820/750/690	950/820/690	950/820/690	1420/1270/1240
Pressure sound level	Cooling (H/M/L)	dB(A)	38/36/34	38/36/34	42/38/35	42/38/35	46/44/41
	Heating (H/M/L)	dB(A)	38/36/34	38/36/34	42/38/35	42/38/35	46/44/41
Piping	Refrigerant liquid pipe (Ø)	mm	6,35	6,35	6,35	6,35	9,52
	Refrigerant gas pipe (Ø)	mm	9,52	12,7	12,7	12,7	15,88
	Drain port diameter	mm	20	20	20	20	20
Drain pump	O-optional, S-standard, N-not incl.	/	N	N	N	N	N
Accessories (optional)	PM2.5 Filter	/	40VFC018F7-QEE	40VFC018F7-QEE	40VFC018F7-QEE	40VFC018F7-QEE	40VFC054F7-QEE



INDOOR

Specifications



HEATING



COOLING

Model Code	Item	Unit	40VC028F-7S-QEE	40VC030F-7S-QEE	40VC038F-7S-QEE	40VC048F-7S-QEE	40VC054F-7S-QEE
Capacity	Model capacity	HP	3,0	3,2	4,0	5,0	6,0
	Cooling	kW	8,0	9,0	11,2	14,0	16,0
	Heating	kW	9,0	10,0	12,5	16,0	18,0
Electrical parameters	Power supply	Ph/V/Hz	1,220~230,50/60	1,220~230,50/60	1,220~230,50/60	1,220~230,50/60	1,220~230,50/60
	Power consumption	W	105	105	126	126	126,0
Dimensions (W/D/H)	Net Product	mm	1330*230*680	1330*230*680	1650*230*680	1650*230*680	1650*230*680
	Shipping Product	mm	1425*305*779	1425*305*779	1750*305*779	1750*305*779	1750*305*779
Weight	Product Net/Shipping	kg	35.8/42.1	35.8/42.1	43.5/50.5	43.5/50.5	43.5/50.5
Fan	Air flow (H/M/L)	m³/h	1570/1420/1240	1570/1420/1240	2110/1990/1750	2110/1990/1750	2110/1990/1750
Pressure sound level	Cooling (H/M/L)	dB(A)	47/44/41	47/44/41	50/46/43	50/46/43	50/46/43
	Heating (H/M/L)	dB(A)	47/44/41	47/44/41	50/46/43	50/46/43	50/46/43
Piping	Refrigerant liquid pipe (Ø)	mm	9,52	9,52	9,52	9,52	9,52
	Refrigerant gas pipe (Ø)	mm	15,88	15,88	15,88	15,88	15,88
	Drain port diameter	mm	20	20	20	20	20
Drain pump	O-optional, S-standard, N-not incl.	/	N	N	N	N	N
Accessories (optional)	PM2.5 Filter	/	40VFC054F7-QEE	40VFC054F7-QEE	2 x 40VFC054F7-QEE	2 x 40VFC054F7-QEE	2 x 40VFC054F7-QEE

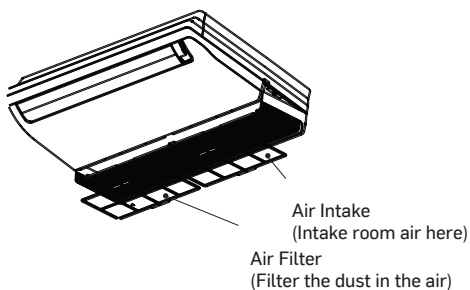


FLEX CEILING FLOOR (DC MOTOR)



Easy Servicing & Maintenance

- Easy removal of air filters for cleaning
- Easy access to indoor unit components
- Remote on/off function and alarm function



Design Aesthetics

- The visually ultra-thin body features wave-shaped vents on both sides that embody multiple levels of design



- Visually screw-free, yet easy to maintain

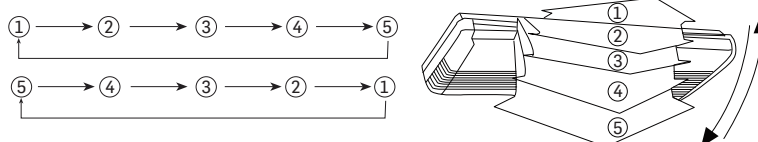


PM 2.5 Filter (Optional)

UNIT MODEL	FILTER MODEL NAME	FILTER SIZE	FILTER PIC
40VC009/012/016/018F-7S-QEE	40VFC018F7-QEE	133*52*10	
40VC024/028/030F-7S-QEE	40VFC054F7-QEE	224*69.3*10	
40VC038/048/054F-7S-QEE	2*40VFC054F7-QEE	2*224*69.3*10	

Multiple Air Distribution Directions

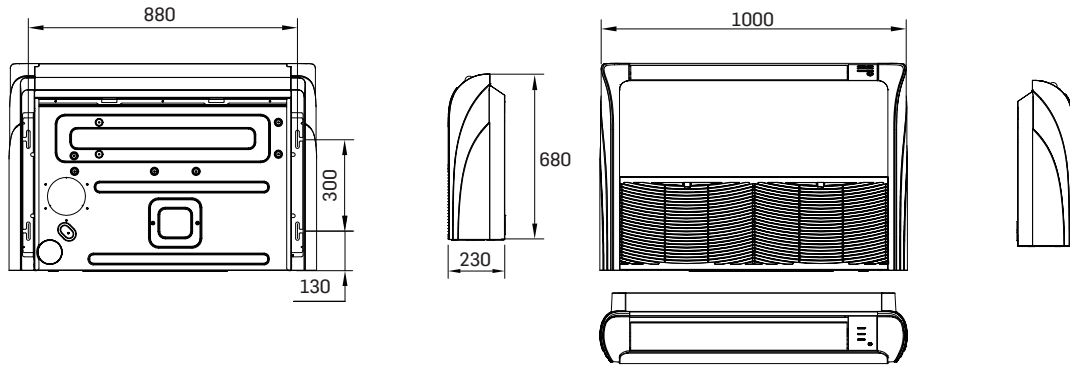
On pressing the SWING button, the flap changes between the following positions:



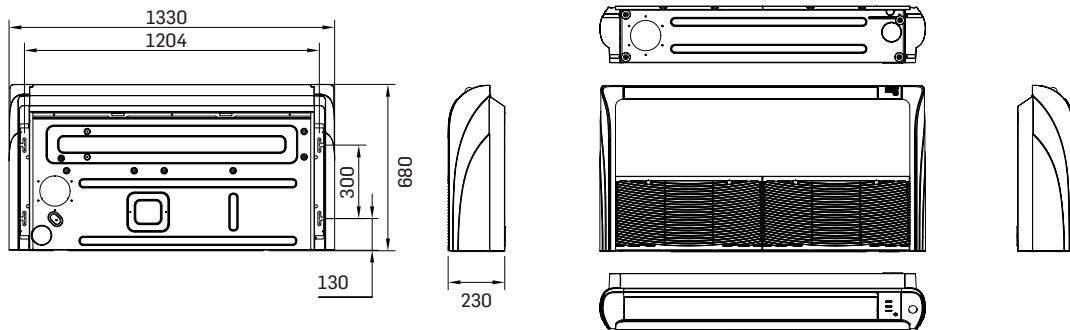


Dimensions

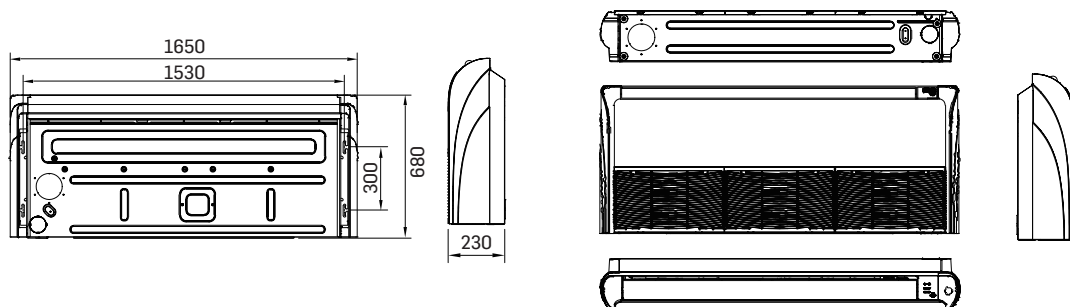
40VC009/012/016/018F-7S-QEE



40VC024/028/030F-7S-QEE



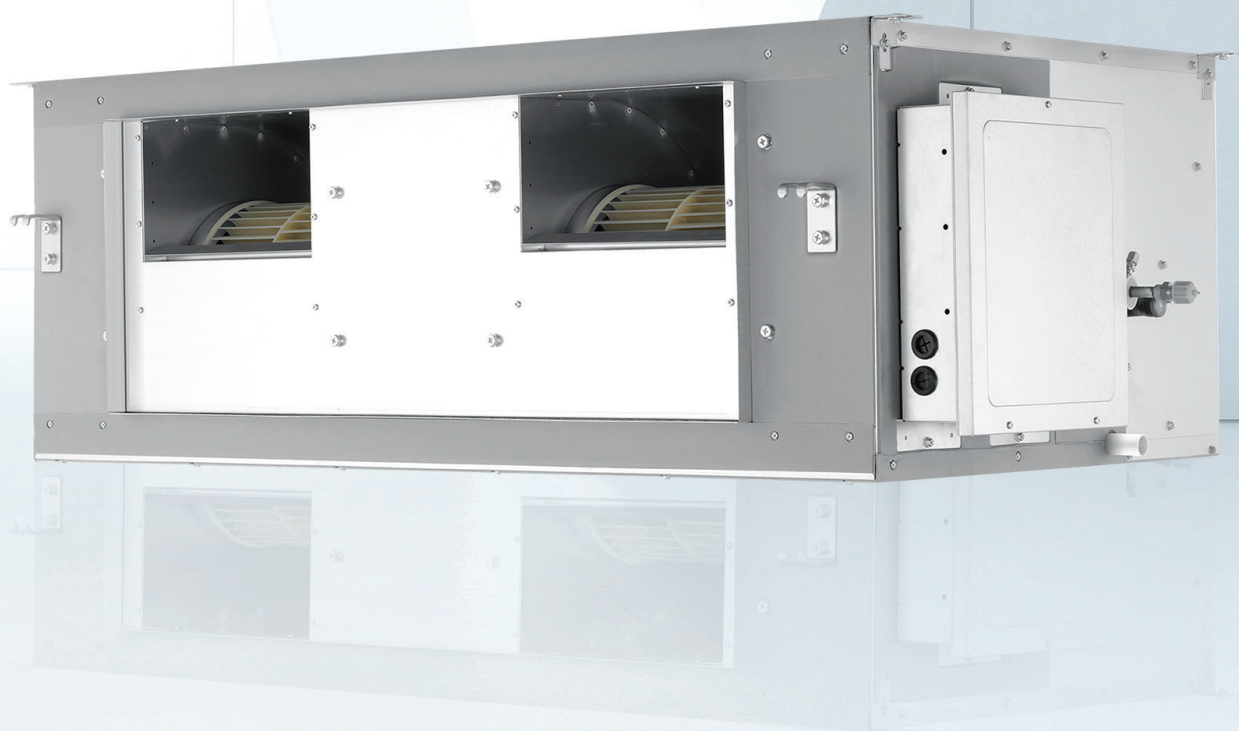
40VC038/048/054F-7S-QEE

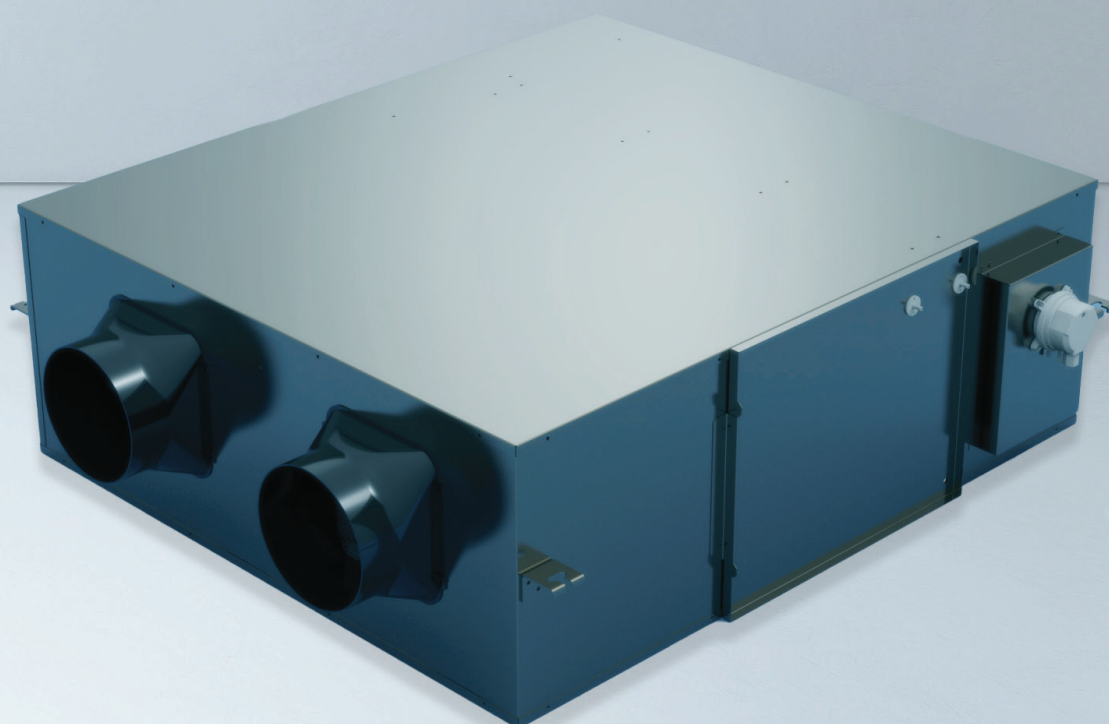




Turn to the experts

INDOOR





INDOOR



OUTSIDE AIR UNIT

40VDA

-  48K/72K/96K 3models(14-28kW)
-  High-efficiency DC inverter motor
-  Maximum static pressure available up to 350Pa(72/96K)
-  Quiet operation
-  Compatible with TD HP & SD (2fan 5-12HP)
-  Bottom or rear air return (48K)
-  Flexible discharge duct connection (072/096K)
-  An optional drain pump can be connected
-  Built-in flow switch to detect poor drainage (072/096K)



Wired Controller

40VCW217FQEE



Simple Wired Controller

40VCW117FQEE



Multi-language Wired Controller

40VCW327FQEE



Wireless Controller

40VCI67FQEE



Receiver

40VCIR7FQEE



Specifications



HEATING



COOLING

Model Code	Item	Unit	40VD048A-7S-QEE	40VD072A-7S-QEE	40VD096A-7S-QEE
Capacity	Cooling	kW	14	22.6	28.0
	Heating	kW	10	20	24.5
Electrical parameters	Power supply	Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	Power consumption	W	240	275	370
Performance	Airflow (S/H/M/L)	m ³ /h	1900/1600/1460/1200	2800/2300/1800/1500	3200/2800/2400/2000
	Sound Pressure Level(H/M/L)	dB(A)	46/44/42	46/44/42	47/45/42
	Sound Power Level(H/M/L)	dB(A)	60/58/56	59/57/54	60/58/55
Installation	Net Product(W x D x H)	mm	1500*700*248	1333*750*497	1333*750*497
	Shipping Product(W x D x H)	mm	1698*857*305	1558*896*668	1558*896*668
	Net/Shipping Weight	kg	45.4/52.6	88/110	88/110
	Refrigerant Liquid Pipe (Ø)	mm	9.52	12.7	12.7
	Refrigerant Gas Pipe (Ø)	mm	15.88	22.22	22.22
	Static Pressure (Standard/Max)	Pa	100/200	100/350	100/350

INDOOR

Matching Rules

Outside air unit model	Connection	Min qty of OAU	Outdoor unit selection
40VD048A-7S-QEE	Outside air unit only	2	80% Total outdoor capacity ≤ total indoor capacity ≤ 100% total outdoor capacity
	Together with standard VRF indoor units	1	1. 80% Total outdoor capacity ≤ total indoor capacity ≤ 100% total outdoor capacity 2. OAU capacity ≤ 30% total outdoor capacity
40VD072A-7S-QEE	Outside air unit only	1 or 2	80% Total outdoor capacity ≤ total indoor capacity ≤ 100% total outdoor capacity
	Together with standard VRF indoor units	1	1. 80% Total outdoor capacity ≤ total indoor capacity ≤ 100% total outdoor capacity 2. OAU capacity ≤ 30% total outdoor capacity
40VD096A-7S-QEE	Outside air unit only	1 or 2	80% Total outdoor capacity ≤ total indoor capacity ≤ 100% total outdoor capacity
	Together with standard VRF indoor units	1	1. 80% Total outdoor capacity ≤ total indoor capacity ≤ 100% total outdoor capacity 2. OAU capacity ≤ 30% total outdoor capacity

Note : In mixed installation, only Outside Air Unit can be connected for each mixed system.

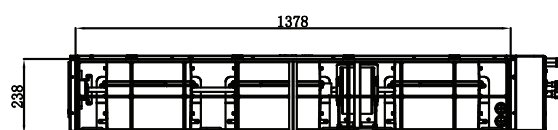
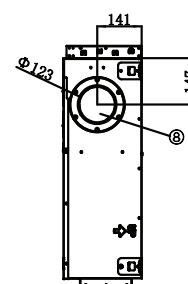
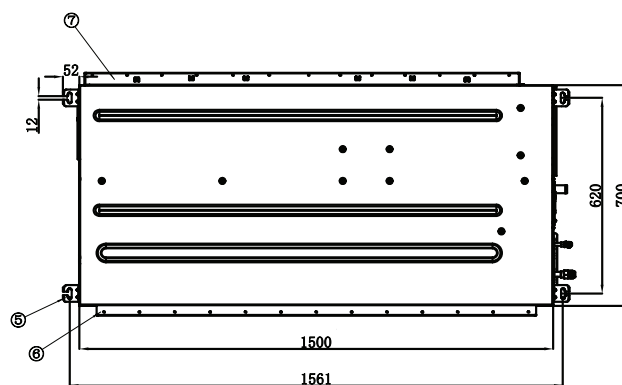
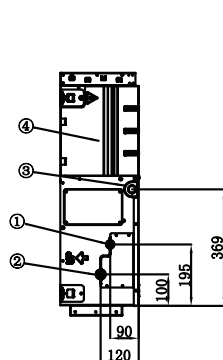
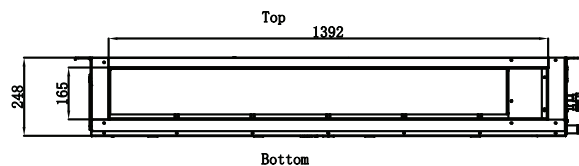


OUTSIDE AIR UNIT (DC MOTOR)



Dimensions

40VD048A-7S-QEE

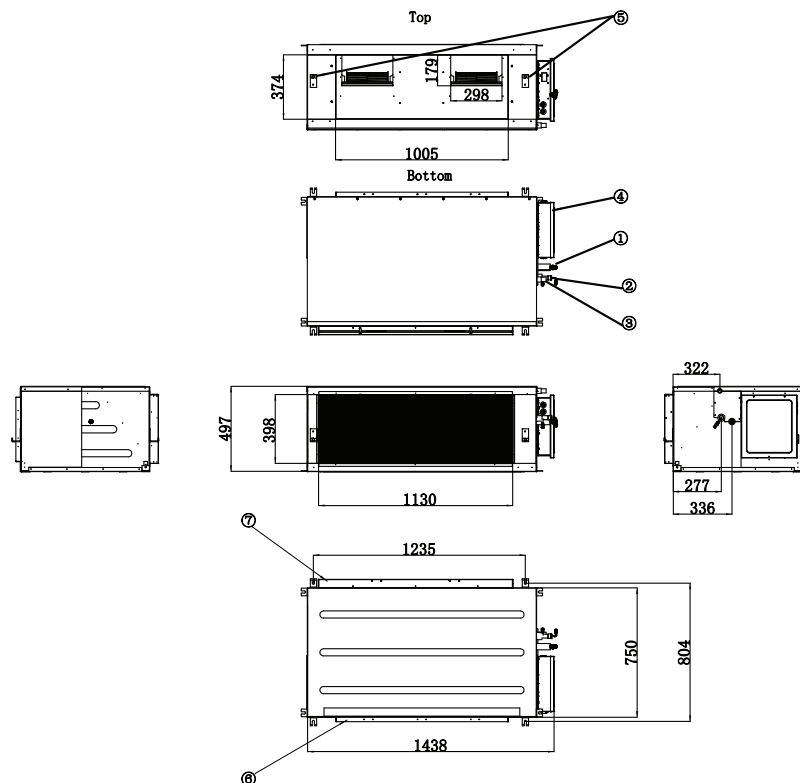


No.	part name
1	liquid pipe
2	gas pipe
3	drain pipe
4	electrrical box
5	angle iron for hanging
6	air outlet
7	air inlet
8	fresh air outlet



Dimensions

40VD072A-7S-QEE | 40VD096A-7S-QEE



No.	part name
1	liquid pipe
2	gas pipe
3	drain pipe
4	electrical box
5	angle iron for hanging
6	air outlet
7	air inlet