



**FVI DC Inverter**  
VRF Air Conditioning System

12HP / 14HP / 16HP  
33.5kW / 40kW / 45kW

8HP / 10HP  
22.4kW / 28kW

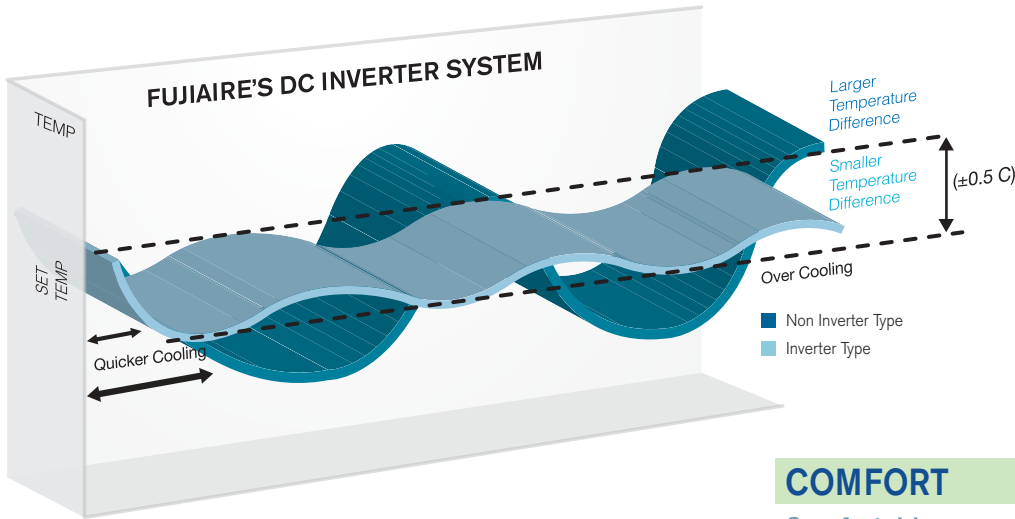
3.5HP / 4HP  
5HP / 6HP

**R410A**

*Your World Made Cooler*

 **FUJIAIRE**  
AIR · CONDITIONERS

# FUJIAIRE DC INVERTER TECHNOLOGY SAVES ENERGY BY 40% WITH PROVIDING OPTIMUM COMFORT



## Comparison of Power Consumption

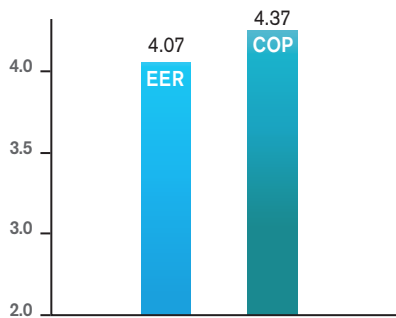
**40% ENERGY SAVINGS**



## EFFICIENT

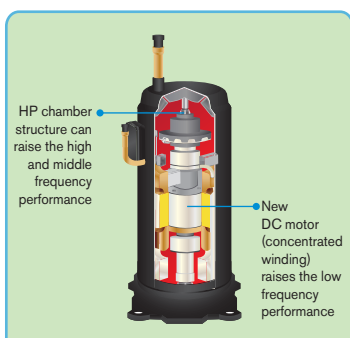
### High EER/COP Rating

High efficiency is realized by the use of **DC Inverter Hermetic Scroll Compressors** with high pressure chamber design and improved DC Inverter driving technology, and large heat exchanger.

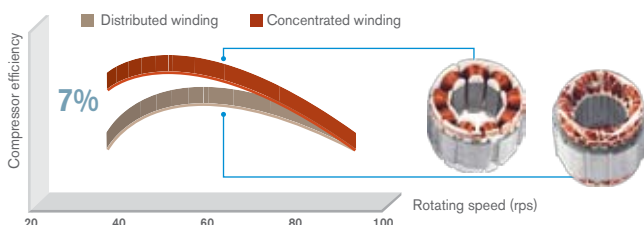


Note:  
 • EER, Energy Efficiency Ratio = Cooling Capacity (kW) ÷ Cooling Power Input (kW);  
 • COP, Coefficient of Performance = Heating Capacity (kW) ÷ Heating Power Input (kW);  
 • The data refers to a 8HP outdoor unit.

### High Efficiency Compressor



- Comparing with normal compressor, the DC Inverter Scroll Compressor can save up to **40%** of energy consumption in a year.
- Improved DC Inverter motor Low frequency performance is highly raised thanks to the concentrated winding.
- With stepless power regulating technology, the DC Inverter compressor achieves stepless output regulation between **20Hz - 120Hz**.



## COMFORT

### Comfortable

#### Precise Temperature Control

The EXV (Electronic Expansion Valve) of each indoor unit respond to the loading changes of indoor environment, continually adjusts the flow rate of the refrigerant.

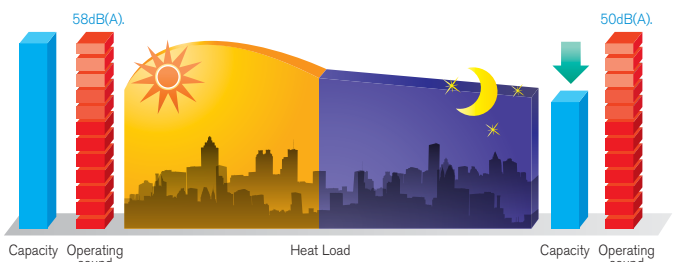
Meanwhile, the outdoor unit with DC Inverter compressor provides the capacity with certain amount of refrigerant exactly according to the total demands of indoor units.

With this Variable Refrigerant Flow (VRF) technology, the room temperature can be achieved quickly near to constant value without much temperature fluctuation that occurs with a conventional ON/OFF control system.

### Quiet operation

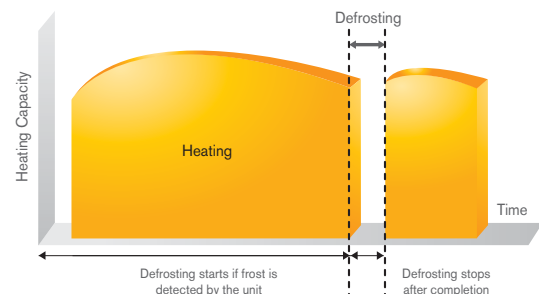
#### Quiet operation during night time

Intelligently adjustment of outdoor fan control can reduce the operation noise up to **8dB(A)** during night time and it can be lowered to **50dB(A)**.



#### Intelligent Defrost Technology

- Defrosting program is designed under the consideration of and operation reliability
- Precise defrosting timing, which is intelligent indeed.
- It's an optimized defrosting program, which will be performed only when system pressure is too low, that can obviously lengthen the time gap between two defrost operations, hence reduce the time of defrosting.
- Heating capacity loss has been decreased by **75%** with highly comfortable heating operation



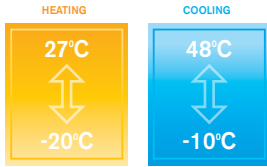
# VERSATILE

## Wide Operation Range

The unit can operate in wide range, greatly reducing the ambient temperature limitation.

Note:

- If the required capacity of indoor units is 50% higher than outdoor unit, cooling range may be lower to -15°C;
- If the required capacity of indoors units is 50% lower than outdoor unit, cooling range may be up to -5°C.

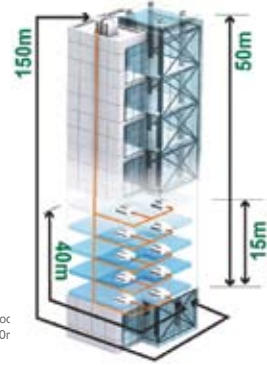


## Long Piping Design

- Maximum total piping length – 500m
- Maximum actual piping length – 150m
- Maximum equivalent piping length – 175m
- Maximum height difference between indoor units – 15m
- Maximum height difference between outdoor and indoor unit – 50m\*
- Maximum piping length from first indoor branch to the farthest indoor unit – 40m

Note:

This value is based on the outdoor unit which is located above the indoor unit. If the outdoor unit is located underneath the indoor unit, the value is 40m



## High Static Pressure of Outdoor Fan

The maximum external static pressure (ESP) of the outdoor fan can reach up to 75Pa\*

The outdoor unit can be installed in the equipments room of high buildings.

\*Default ESP of the outdoor fan is 40Pa. If higher ESP is required, re-selection is necessary.



## Modular Outdoor Unit Design

- Various combination from 8HP to 64HP with 2HP increments
- Maximum capacity of outdoor unit is 64HP (4x modules)



## Various Combination

- Up to 110 sets of indoor units can be connected\*
- 12 types and 69 models
- Maximum diversity is 135%

Note:

From the standard model that 4 modules connect in parallel, up to 64 indoor units can be connected. If more indoor units are required to be connected, please contact us.

# RELIABLE

## Modular Operating

The operating priority sequence of the outdoor unit modules will be changed without restart when the system accumulatively operates for 12 hours which can maximize the service life of the system.

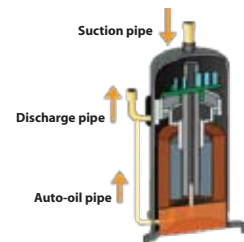


## Emergency Operation

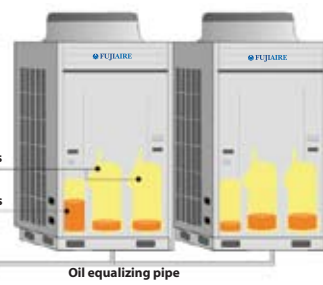
Each module is an independent sub-system, and the whole system won't fail down even if partial malfunction of any one of the modules emergency operation can be performed after simple manual set up on the outdoor PCB switches.

## High Efficiency Oil-balanced Technology

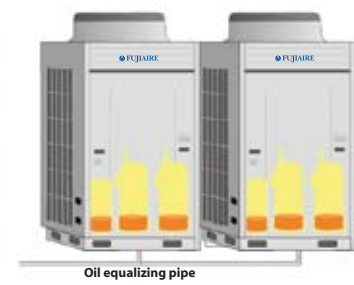
- High pressure chamber compressor with oil-balanced pipe can automatically drain out the excess oil which can prevent oil-unbalance between the compressors.
- New patented oil separator allows the oil separating efficiency up to 99%.
- Oil equalizing pipe connection design at the outside of the modules allows high reliability.



Before Oil-balanced



After Oil-balanced



Compressors  
Oil storage tanks

Oil equalizing pipe

Oil equalizing pipe

# FVI Mini

## Flexible design

Long piping design

- Maximum total piping length – 150m
- Maximum actual piping length – 70m
- Maximum equivalent piping length – 80m
- Maximum height difference between indoor units – 10m
- Maximum height difference between outdoor and indoor unit – 30m\*
- Maximum piping length from first indoor branch and the farthest indoor unit – 25m

Note:

This value is based on the outdoor unit is located above the indoor unit. If the outdoor unit is located underneath the indoor unit, the value is 25m.



Floor area: 0.323m<sup>2</sup>

## Capacity

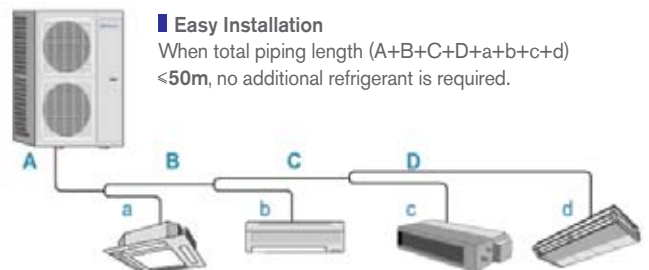
MODEL	FVI-L035A-A21G	FVI-L040A-A21G	FVI-L050A-A21G	FVI-L060A-A21G
HP	3.5	4.0	5.0	6.0
CAPACITY kW	10	12	14	16
Power Supply	220-240V, 1 Phase, 50Hz			

## Compact Design



## Easy Installation

When total piping length (A+B+C+D+a+b+c+d) < 50m, no additional refrigerant is required.



COMBINATION OF FVI DC INVERTER OUTDOOR UNIT

No	Module(s)	Capacity		Model	Description	Outdoor Combination (HP)	Max. Connection Indoor Unit
		HP	kW				
1		3.5	10	FVI-L035A-A21G	FVI MINI DC INVERTER ODU	3.5	6
2		4	12	FVI-L040A-A21G		4	7
3		5	14	FVI-L050A-A21G		5	8
4		6	16	FVI-L060A-A21G		6	9
5		8	22.4	FVI-L080A-E21G	FVI DC INVERTER BASIC MODULE ODU (1)	8	14
6		10	28.0	FVI-L100A-E21G		10	16
7		12	33.5	FVI-L120A-E21G		12	16
8		14	40.0	FVI-L140A-E21G		14	16
9		16	45.0	FVI-L160A-E21G		16	16
10		18	50.4	FVI-L180A-E21G	FVI DC INVERTER MODULAR ODU (2)	8+10	30
11		20	56.0	FVI-L200A-E21G		10+10	32
12		22	61.5	FVI-L220A-E21G	FVI DC INVERTER MODULAR ODU (2)	10+12	32
13		24	68.0	FVI-L240A-E21G		10+14	32
14		26	73.0	FVI-L260A-E21G		10+16	32
15		28	78.5	FVI-L280A-E21G		12+16	32
16		30	85.0	FVI-L300A-E21G	FVI DC INVERTER MODULAR ODU (3)	14+16	32
17		32	90.0	FVI-L320A-E21G		16+16	32
18		34	96.0	FVI-L340A-E21G		10+10+14	48
19		36	101.0	FVI-L360A-E21G	FVI DC INVERTER MODULAR ODU (3)	10+10+16	48
20		38	106.5	FVI-L380A-E21G		10+12+16	48
21		40	113.0	FVI-L400A-E21G		10+14+16	48
22		42	118.0	FVI-L420A-E21G		10+16+16	48
23		44	123.5	FVI-L440A-E21G	FVI DC INVERTER MODULAR ODU (4)	12+16+16	48
24		46	130.0	FVI-460A-E21G		14+16+16	48
25		48	135.0	FVI-480A-E21G		16+16+16	48
26		50	141.0	FVI-L500A-E21G	FVI DC INVERTER MODULAR ODU (4)	10+10+14+16	64
27		52	146.0	FVI-L520A-E21G		10+10+16+16	64
28		54	151.5	FVI-L540A-E21G	FVI DC INVERTER MODULAR ODU (4)	10+12+16+16	64
29		56	155.0	FVI-560A-E21G		10+14+16+16	64
30		58	163.0	FVI-L580A-E21G		10+16+16+16	64
31		60	168.0	FVI-L600A-E21G		12+16+16+16	64
32		62	175.0	FVI-L620A-E21G	FVI DC INVERTER MODULAR ODU (4)	14+16+16+16	64
33		64	180.0	FVI-L640A-E21G		16+16+16+16	64

FVI MINI DC INVERTER OUTDOOR UNIT

Model			FVI-L035A-A21G	FVI-L040A-A21G	FVI-L050A-A21G	FVI-L060A-A21G
Power Supply		V-Ph-Hz	220-240 / 1 / 50Hz			
Cooling	Capacity	Btu/hr	35,000	40,000	50,000	60,000
	Input	kW	2.86	3.5	4.36	4.98
	Rated Current	A	14.21	17.3	20.5	23.2
Heating	Capacity	Btu/hr	37,500	48,000	52,500	61,000
	Input	kW	2.6	3.4	4.05	4.85
	Rated Current	A	13.21	16.4	19.6	21.9
Air Flow Rate		CMH	6,200		6,000	6,400
		CFM	3,642		3,625	3,759
Noise Level ( Sound Pressure)		dB(A)	58			
Compressor	Configuration		DC Inverter Dual-Rotor			
Refrigerant Charge		kg	7.5			
Outdoor Unit	Dimension (WxHxD)	mm	950 x 1250 x 340			
	Packing (WxHxD)	mm	1110 x 1280 x 450			
	Net Weight	kg	135			
Refrigerant Piping	Liquid / Gas	mm(in)	Ø9.5 (3/8) / Ø15.9 (5/8)			Ø9.5 (3/8) / Ø19.1(3/4)
	Max. Equivalent Refrigerant Pipe Length	m	80			
	Max. Height Difference Between Indoor Units	m	10			
	Max. Height Difference Between Outdoor Unit and Indoor Unit*	m	30			
Max. Indoor Unit Connection		nos	6	7	8	9

\*This value is based on the condition where outdoor unit is located above the indoor unit

## FVI DC INVERTER OUTDOOR UNIT (BASIC MODULE)

Model			FVI-L080A-E21G	FVI-L100A-E21G	FVI-L120A-E21G	FVI-L140A-E21G	FVI-L160A-E21G
Power Supply		V-Ph-Hz	380-415 / 3 / 50				
Cooling	Capacity	Btu/hr	80,000	100,000	120,000	140,000	160,000
	Input	kW	5.52	7.52	9.23	12.45	14.32
	Rated Current	A	9.87	13.44	16.50	22.25	25.60
Heating	Capacity	Btu/hr	85,000	110,000	130,000	150,000	170,000
	Input	kW	5.82	7.70	9.38	11.20	13.90
	Rated Current	A	10.40	13.76	16.77	20.02	24.85
Air Flow Rate		CMH	10,000			13,000	
		CFM	5,874			7,636	
Noise Level ( Sound Pressure)		dB(A)	58		60	61	61
Compressor Configuration*			DC x 1 + C x 1			DC x 1 + C x 2	
Refrigerant Charge		kg	12	13	15	16	17
Outdoor Unit	Dimension (WxHxD)	mm	930 x 1670 x 770			1340 x 1670 x 770	
	Net Weight	kg	255	256	350	350	370
Refrigerant Piping	Liquid / Gas	mm(in)	Ø9.5 (3/8) / Ø22.2 (7/8)			Ø12.7 (1/2) / Ø28.6 (1-1/8)	
	Max. Equivalent Refrigerant Pipe Length	m	175				
	Max. Height Difference Between Indoor Units	m	15				
	Max. Height Difference Between Outdoor Unit and Indoor Unit*	m	50				
Max. Indoor Unit Connection		nos	14	16	16	16	16

C : Constant Speed Scroll Compressor \*DC: DC Inverter Scroll Compressor  
 \*This value is based on the condition where outdoor unit is located above the indoor unit



## WALL MOUNTED INDOOR UNIT

Model		Cooling Only Cool / Heat	FVI-W008CA-A21N	FVI-W010CA-A21N	FVI-W013CA-A21N	FVI-W016CA-A21N	FVI-W018CA-A21N	FVI-W020CA-A21N	FVI-W022CA-A21N	FVI-W025CA-A21N	
			FVI-W008HA-A21N	FVI-W010HA-A21N	FVI-W013HA-A21N	FVI-W016HA-A21N	FVI-W018HA-A21N	FVI-W020HA-A21N	FVI-W022HA-A21N	FVI-W025HA-A21N	
Power Supply		V-Ph-Hz	220-240 / 1 / 50								
Capacity	Cooling	Btu/hr	8,000	10,000	13,000	16,000	17,600	20,000	22,000	25,000	
	Heating	Btu/hr	8,500	11,000	13,600	17,000	20,000	21,500	24,000	27,300	
Input		W	50		60			70			
Rated Current		A	0.31		0.36			0.40			
Air Flow (Hi)		CMH	500		630			800			
		CFM	294		371			471			
Noise Level (Hi/Me/Lo)		dB(A)	38 / 36 / 34		44 / 41 / 38			44 / 41 / 38			
Indoor Unit	Dimension (WxHxD)	mm	843 x 275 x 180			940 x 298 x 200			1008 x 319 x 221		
	Packing (WxHxD)	mm	915 x 355 x 255			1010 x 380 x 285			1073 x 395 x 313		
	Net / Gross Weight	kg	10.5 / 12.5		13 / 16			15 / 20			
Refrigerant Piping	Liquid / Gas	mm(in)	Ø6.4(1/4) / Ø9.5(3/8)		Ø6.4(1/4) / Ø12.7(1/2)			Ø9.5(3/8) / Ø15.9(5/8)			
Drainage Water Pipe Diameter		mm(in)	28 (1.1)								



## CASSETTE INDOOR UNIT

Model		Cooling Only Cool / Heat	FVI-T010CA-A21N	FVI-T013CA-A21N	FVI-T016CA-A21N	FVI-T018CA-A21N	FVI-T020CA-A21N	FVI-T022CA-A21N	FVI-T025CA-A21N	FVI-T028CA-A21N
			FVI-T010HA-A21N	FVI-T013HA-A21N	FVI-T016HA-A21N	FVI-T018HA-A21N	FVI-T020HA-A21N	FVI-T022HA-A21N	FVI-T025HA-A21N	FVI-T028HA-A21N
Power Supply		V-Ph-Hz	220-240 / 1 / 50							
Capacity	Cooling	Btu/hr	10,000	13,000	16,000	17,600	20,000	22,000	25,000	28,000
	Heating	Btu/hr	11,000	13,600	17,000	20,000	21,500	24,000	27,300	30,000
Input		W	65				83			
Rated Current		A	0.28				0.38			
Air Flow (Hi)		CMH	680				1,180			
		CFM	400				695			
Noise Level (Hi/Me/Lo)		dB(A)	37 / 35 / 34				39 / 37 / 35			
Main Body	Dimension (WxHxD)	mm	840 x 190 x 840				840 x 240 x 840			
	Packing (WxHxD)	mm	960 x 257 x 960				960 x 310 x 960			
	Net / Gross Weight	kg	25 / 33				30 / 38			
Panel	Dimension (WxHxD)	mm	950 x 60 x 950				950 x 60 x 950			
	Packing (WxHxD)	mm	1040 x 115 x 1025				1040 x 115 x 1025			
	Net / Gross Weight	kg	6.5 / 10.0				6.5 / 10.0			
Refrigerant Piping	Liquid / Gas	mm(in)	Ø6.4(1/4) / Ø9.5(3/8)		Ø6.4(1/4) / Ø12.7(1/2)			Ø9.5(3/8) / Ø15.9(5/8)		
Drainage Water Pipe Diameter		mm(in)	30 (1.18)							

Model		Cooling Only Cool / Heat	FVI-T032CA-A21N	FVI-T036CA-A21N	FVI-T040CA-A21N	FVI-T045CA-A21N	FVI-T050CA-A21N
			FVI-T032HA-A21N	FVI-T036HA-A21N	FVI-T040HA-A21N	FVI-T045HA-A21N	FVI-T050HA-A21N
Power Supply		V-Ph-Hz	220-240 / 1 / 50				
Capacity	Cooling	Btu/hr	32,000	36,000	40,000	45,000	50,000
	Heating	Btu/hr	34,000	37,500	43,000	46,000	51,000
Input		W	133				
Current		A	0.6				
Air Flow (Hi)		CMH	1860				
		CFM	1,095				
Noise Level (Hi/Me/Lo)		dB(A)	40 / 38 / 36				
Main Body	Dimension (WxHxD)	mm	840 x 320 x 840				
	Packing (WxHxD)	mm	960 x 394 x 960				
	Net / Gross Weight	kg	38 / 46				
Panel	Dimension (WxHxD)	mm	950 x 60 x 950				
	Packing (WxHxD)	mm	1040 x 115 x 1025				
	Net / Gross Weight	kg	6.5 / 10.0				
Refrigerant Piping	Liquid / Gas	mm(in)	Ø9.5(3/8) / Ø15.9(5/8)				
Drainage Water Pipe Diameter		mm(in)	30 (1.18)				

## COMPACT CASSETTE INDOOR UNIT



Model		Cooling Only	FVI-T008CB-A21N	FVI-T010CB-A21N	FVI-T013CB-A21N	FVI-T016CB-A21N	
		Cool / Heat	FVI-T008HB-A21N	FVI-T010HB-A21N	FVI-T013HB-A21N	FVI-T016HB-A21N	
Power Supply		V-Ph-Hz					220-240 / 1 / 50
Capacity	Cooling	Btu/hr	8,000	10,000	13,000	16,000	
	Heating	Btu/hr	8,500	11,000	13,600	17,000	
Input		W	12				
Rated Current		A	0.05				
Air Flow (Hi)	CMH		600				
	CFM		353				
Noise Level (Hi/Me/Lo)		dB(A)	47 / 44 / 41				
Main Body	Dimension (WxHxD)	mm	570 x 230 x 570				
	Packing (WxHxD)	mm	848 x 310 x 728				
	Net / Gross Weight	kg	20 / 27				
Panel	Dimension (WxHxD)	mm	650 x 50 x 650				
	Packing (WxHxD)	mm	730 x 102 x 670				
	Net / Gross Weight	kg	5 / 10				
Refrigerant Piping	Liquid / Gas	mm(in)	Ø6.4(1/4) / Ø9.5(3/8)		Ø6.4(1/4) / Ø12.7(1/2)		
Drainage Water Pipe Diameter		mm(in)	30 (1.18)				

## FLOOR / CEILING INDOOR UNIT



Model		Cooling Only	FVI-E010CA-A21N	FVI-E013CA-A21N	FVI-E018CA-A21N	FVI-E025CA-A21N	FVI-E032CA-A21N	FVI-E040CA-A21N	FVI-E045CA-A21N	
		Cool / Heat	FVI-E010HA-A21N	FVI-E013HA-A21N	FVI-E018HA-A21N	FVI-E025HA-A21N	FVI-E032HA-A21N	FVI-E040HA-A21N	FVI-E045HA-A21N	
Power Supply		V-Ph-Hz								
			220-240 / 1 / 50							
Capacity	Cooling	Btu/hr	10,000	13,000	17,600	25,000	32,000	40,000	45,000	
	Heating	Btu/hr	11,000	13,600	20,000	27,300	34,000	43,000	46,000	
Input		W	55	110	140	180	350			
Rated Current		A	0.25	0.50	0.64	0.82	1.10			
Air Flow (Hi)	CMH		550	650	950	1,400	2,000			
	CFM		324	383	559	824	942			
Noise Level (Hi/Me/Lo)		dB(A)	43 / 40 / 38	44 / 41 / 38	50 / 47 / 44	48 / 45 / 43	51 / 48 / 44	54 / 50 / 46	55 / 51 / 47	
Indoor Unit	Dimension (WxHxD)	mm	1220 x 225 x 700			1420 x 245 x 700			1700 x 700 x 245	
	Packing (WxHxD)	mm	1340 x 300 x 820			1545 x 330 x 825			1825 x 330 x 825	
	Net / Gross Weight	kg	42 / 50			52 / 61			64 / 72	
Refrigerant Piping	Liquid / Gas	mm(in)	Ø6.4(1/4) / Ø9.5(3/8)		Ø6.4(1/4) / Ø12.7(1/2)		Ø9.5(3/8) / Ø15.9(5/8)			
Drainage Water Pipe Diameter		mm(in)	17 (0.67)			31 (1.22)				

## LOW STATIC SLIM DUCTED INDOOR UNIT



Model		Cooling Only	FVI-C008CA-A21N	FVI-C010CA-A21N	FVI-C013CA-A21N	FVI-C016CA-A21N	FVI-C020CA-A21N	FVI-C025CA-A21N				
		Cool / Heat	FVI-C008HA-A21N	FVI-C010HA-A21N	FVI-C013HA-A21N	FVI-C016HA-A21N	FVI-C020HA-A21N	FVI-C025HA-A21N				
Power Supply		V-Ph-Hz										
			220-240 / 1 / 50									
Capacity	Cooling	Btu/hr	8,000	10,000	13,000	16,000	20,000	25,000				
	Heating	Btu/hr	8,500	11,000	13,600	17,000	21,500	27,300				
Input		W	64	70	91	100						
Rated Current		A	0.28	0.31	0.41	0.45						
Indoor Air Flow (Hi)	CMH		450	550	700	1,000						
	CFM		265	324	412	589						
External Static Pressure (Hi)		Pa	20									
Noise Level (Hi/Me/Lo)		dB(A)	37 / 35 / 33		39 / 37 / 35		40 / 38 / 36		41 / 39 / 37		42 / 40 / 38	
Indoor Unit	Dimension (WxHxD)	mm	700 x 200 x 615			900 x 200 x 615			1100 x 200 x 615			
	Packing (WxHxD)	mm	890 x 290 x 740			1120 x 290 x 740			1320 x 290 x 740			
	Net / Gross Weight	kg	21 / 27			22 / 28			26 / 33			
Refrigerant Piping	Liquid / Gas	mm(in)	Ø6.4(1/4) / Ø9.5(3/8)		Ø6.4(1/4) / Ø12.7(1/2)		Ø9.5(3/8) / Ø15.9(5/8)					
Drainage Water Pipe Diameter		mm(in)	20 (0.79)			30 (1.18)						



## MEDIUM & HIGH STATIC DUCTED INDOOR UNIT

Model		Cooling Only	FVI-D008CA-A21N	FVI-D010CA-A21N	FVI-D013CA-A21N	FVI-D016CA-A21N	FVI-D020CA-A21N	FVI-D025CA-A21N	FVI-D032CA-A21N	FVI-D040CA-A21N	FVI-D050CA-A21N		
		Cool / Heat	FVI-D008HA-A21N	FVI-D010HA-A21N	FVI-D013HA-A21N	FVI-D016HA-A21N	FVI-D020HA-A21N	FVI-D025HA-A21N	FVI-D032HA-A21N	FVI-D040HA-A21N	FVI-D050HA-A21N		
Power Supply		V-Ph-Hz											
			220-240 / 1 / 50										
Capacity	Cooling	Btu/hr	8,000	10,000	13,000	16,000	20,000	25,000	32,000	40,000	50,000		
	Heating	Btu/hr	8,500	11,000	13,600	17,000	21,500	27,300	34,000	43,000	51,000		
Input		W	75	80	140	240	360	500					
Rated Current		A	0.34	0.36	0.64	1.09	1.63	2.27					
Air Flow (Hi)	CMH		450	570	700	1,000	1,700	2,000					
	CFM		265	335	412	589	647	1,001					
External Static Pressure (Hi/Lo)		Pa	50 / 20		40 / 38 / 36		44 / 42 / 40		45 / 43 / 41		80 / 40		
Noise Level (Hi/Me/Lo)		dB(A)	37 / 35 / 33		39 / 37 / 35		40 / 38 / 36		44 / 42 / 40		45 / 43 / 41		
Indoor Unit	Dimension (WxHxD)	mm	800 x 250 x 655			980 x 266 x 721			1155 x 300 x 756			1425 x 300 x 736	
	Packing (WxHxD)	mm	1020 x 305 x 745			1068 x 320 x 766			1245 x 360 x 785			1514 x 360 x 785	
	Net / Gross Weight	kg	27 / 31		28.5 / 33.5		34 / 37		49 / 56		62 / 71		
Refrigerant Piping	Liquid / Gas	mm(in)	Ø6.4(1/4) / Ø9.5(3/8)		Ø6.4(1/4) / Ø12.7(1/2)		Ø9.5(3/8) / Ø15.9(5/8)						
Drainage Water Pipe Diameter		mm(in)	20 (0.79)			30 (1.18)							



## REMOTE CONTROLLER



Wireless\* (Y512)      Wired\*\* (Z63351F)

\* standard for all indoor unit except ducted models  
\*\* standard for ducted models; optional for other models

Condition:

- All specifications are subjected to change by the manufacturer without prior notice.
- Nimonal cooling and heating capacities are based on the following conditions.
- Cooling : 27°C DB / 19°C WB indoors and 35°C DB / 24°C WB outdoors.
- Heating : 20°C DB / 15°C WB indoors and 7°C DB / 6°C WB outdoors.

Model		Cooling Only	FVI-D080CA-E21N	FVI-D100CA-E21N	
		Cool / Heat	FVI-D080HA-E21N	FVI-D100HA-E21N	
Power Supply		V-Ph-Hz			
			380-415 / 3 / 50		
Capacity	Cooling	Btu/hr	80,000	100,000	
	Heating	Btu/hr	85,000	106,000	
Input		W	1,600		
Rated Current		A	2.40	2.47	
Air Flow (Hi)	CMH		4,000	4,800	
	CFM		2,354	2,825	
External Static Pressure (Hi/Lo)		Pa	200		
Noise Level (Hi/Me/Lo)		dB(A)	56		
Indoor Unit	Dimension (WxHxD)	mm	1463 x 389 x 799		
	Packing (WxHxD)	mm	1540 x 400 x 880		
	Net / Gross Weight	kg	88 / 102		
Refrigerant Piping	Liquid / Gas	mm(in)	Ø9.5(3/8) / Ø22.2(7/8)		
Drainage Water Pipe Diameter		mm(in)	25.4(1)		



FUJIAIRE (M) SDN. BHD. (184159-M)

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