

3. Specification

3.1 Indoor unit

Model			CTXV07AVJU9		FTXV09AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
Rated Capacity			7 kBtu/h Class		9 kBtu/h Class	
Front Panel Color (Munsell No.)			White (N9.5)		White (N9.5)	
Airflow Rates	H	cfm (m ³ /min)	332 (9.4)	332 (9.4)	381 (10.8)	385 (10.9)
	M		268 (7.6)	279 (7.9)	272 (7.7)	304 (8.6)
	L		230 (6.5)	230 (6.5)	230 (6.5)	230 (6.5)
	SL		166 (4.7)	194 (5.5)	166 (4.7)	194 (5.5)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Drive Input	A	0.20		0.20	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward		Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable		Removable, Washable	
Running Current (Rated)		A	0.11 - 0.10	0.12 - 0.11	0.14 - 0.13	0.13 - 0.12
Power Consumption (Rated)		W	20 - 20	23 - 23	26 - 26	304 - 25
Power Factor (Rated)		%	87.0 - 90.3	94.0 - 91.3	90.4 - 86.2	90.9 - 87.3
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	11-1/4 × 30-5/16 × 8-3/4 (286 × 770 × 223)		11-1/4 × 30-5/16 × 8-3/4 (286 × 770 × 223)	
Packaged Dimensions (H × W × D)		in. (mm)	12-5/8 × 32-11/16 × 14-3/16 (320 × 830 × 360)		12-5/8 × 32-11/16 × 14-3/16 (320 × 830 × 360)	
Weight (Mass)		lbs (kg)	19 (9)		19 (9)	
Gross Weight (Gross Mass)		lbs (kg)	24 (11)		24 (11)	
Sound Pressure Level	H / M / L / SL	dB(A)	40 / 35 / 31 / 24	39 / 34 / 28 / 25	43 / 35 / 31 / 24	41 / 35 / 28 / 25
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connection	Liquid	in. (mm)	ϕ 1/4 (ϕ 6.4)		ϕ 1/4 (ϕ 6.4)	
	Gas	in. (mm)	ϕ 3/8 (ϕ 9.5)		ϕ 3/8 (ϕ 9.5)	
	Drain	in. (mm)	ϕ 5/8 (ϕ 16)		ϕ 5/8 (ϕ 16)	
Drawing No.			3D153215A		3D153215A	
Note			SL: The quiet fan level of the airflow rate setting		SL: The quiet fan level of the airflow rate setting	

Model			FTXV12AVJU9		FTXV15AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
Rated Capacity			12 kBtu/h Class		15 kBtu/h Class	
Front Panel Color (Munsell No.)			White (N9.5)		White (N9.5)	
Airflow Rates	H	cfm (m ³ /min)	392 (11.1)	438 (12.4)	540 (15.3)	636 (18.0)
	M		293 (8.3)	318 (9.0)	470 (13.3)	537 (15.2)
	L		226 (6.4)	240 (6.8)	381 (10.8)	452 (12.8)
	SL		166 (4.7)	205 (5.8)	339 (9.6)	388 (11.0)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Drive Input	A	0.23		0.31	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward		Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable		Removable, Washable	
Running Current (Rated)		A	0.17 - 0.15	0.20 - 0.18	0.19 - 0.17	0.20 - 0.18
Power Consumption (Rated)		W	29 - 29	35 - 35	36 - 36	39 - 39
Power Factor (Rated)		%	81.3 - 84.7	83.7 - 82.7	91.1 - 93.5	93.8 - 92.3
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	11-1/4 × 30-5/16 × 8-3/4 (286 × 770 × 223)		11-5/8 × 39 × 10-3/8 (295 × 990 × 263)	
Packaged Dimensions (H × W × D)		in. (mm)	12-5/8 × 32-11/16 × 14-3/16 (320 × 830 × 360)		15-3/16 × 43-3/8 × 15-5/16 (386 × 1,102 × 389)	
Weight (Mass)		lbs (kg)	19 (9)		27 (13)	
Gross Weight (Gross Mass)		lbs (kg)	24 (11)		37 (17)	
Sound Pressure Level	H / M / L / SL	dB(A)	45 / 37 / 31 / 24	45 / 37 / 30 / 26	45 / 41 / 36 / 33	45 / 41 / 37 / 33
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connection	Liquid	in. (mm)	ϕ 1/4 (ϕ 6.4)		ϕ 1/4 (ϕ 6.4)	
	Gas	in. (mm)	ϕ 3/8 (ϕ 9.5)		ϕ 1/2 (ϕ 12.7)	
	Drain	in. (mm)	ϕ 5/8 (ϕ 16)		ϕ 5/8 (ϕ 16)	
Drawing No.			3D153215A		3D153178A	
Note			SL: The quiet fan level of the airflow rate setting		SL: The quiet fan level of the airflow rate setting	

Conversion Formulae

$\text{kcal/h} = \text{kW} \times 860$
 $\text{Btu/h} = \text{kW} \times 3412$
 $\text{cfm} = \text{m}^3/\text{min} \times 35.3$

Model			FTXV18AVJU9		FTXV24AVJU9	
			Cooling	Heating	Cooling	Heating
Power Supply		Phase	1 ϕ		1 ϕ	
		Hz, V	60 Hz, 208 - 230 V		60 Hz, 208 - 230 V	
Rated Capacity			18 kBtu/h Class		24 kBtu/h Class	
Front Panel Color (Munsell No.)			White (N9.5)		White (N9.5)	
Airflow Rates	H	cfm (m ³ /min)	565 (16.0)	717 (20.3)	629 (17.8)	717 (20.3)
	M		463 (13.1)	572 (16.2)	501 (14.2)	572 (16.2)
	L		378 (10.7)	452 (12.8)	378 (10.7)	466 (13.2)
	SL		335 (9.5)	388 (11.0)	335 (9.5)	413 (11.7)
Fan	Type		Cross Flow Fan		Cross Flow Fan	
	Drive Input	A	0.40		0.45	
	Speed	Steps	5 Steps, Quiet, Auto		5 Steps, Quiet, Auto	
Air Direction Control			Right, Left, Horizontal, Downward		Right, Left, Horizontal, Downward	
Air Filter			Removable, Washable		Removable, Washable	
Running Current (Rated)		A	0.20 - 0.18	0.29 - 0.26	0.31 - 0.28	0.30 - 0.27
Power Consumption (Rated)		W	39 - 39	54 - 54	57 - 57	55 - 55
Power Factor (Rated)		%	93.8 - 92.5	89.5 - 89.3	88.4 - 88.7	88.1 - 89.3
Temperature Control			Microcomputer Control		Microcomputer Control	
Dimensions (H × W × D)		in. (mm)	11-5/8 × 39 × 10-3/8 (295 × 990 × 263)		11-5/8 × 39 × 10-3/8 (295 × 990 × 263)	
Packaged Dimensions (H × W × D)		in. (mm)	15-3/16 × 43-3/8 × 15-5/16 (386 × 1,102 × 389)		15-3/16 × 43-3/8 × 15-5/16 (386 × 1,102 × 389)	
Weight (Mass)		lbs (kg)	27 (13)		27 (13)	
Gross Weight (Gross Mass)		lbs (kg)	37 (17)		37 (17)	
Sound Pressure Level	H / M / L / SL	dB(A)	48 / 43 / 38 / 33	49 / 42 / 37 / 33	52 / 45 / 39 / 34	49 / 43 / 38 / 34
Heat Insulation			Both Liquid and Gas Pipes		Both Liquid and Gas Pipes	
Piping Connection	Liquid	in. (mm)	ϕ 1/4 (ϕ 6.4)		ϕ 1/4 (ϕ 6.4)	
	Gas	in. (mm)	ϕ 1/2 (ϕ 12.7)		ϕ 5/8 (ϕ 15.9)	
	Drain	in. (mm)	ϕ 5/8 (ϕ 16)		ϕ 5/8 (ϕ 16)	
Drawing No.			3D153178A		3D153178A	
Note			SL: The quiet fan level of the airflow rate setting		SL: The quiet fan level of the airflow rate setting	

Conversion Formulae

kcal/h = kW × 860
 Btu/h = kW × 3412
 cfm = m³/min × 35.3