

Ceiling Type



Selectable Remote Controller

* Customer needs to choose either wired or wireless.



Wired Remote Controller



Wireless Remote Controller

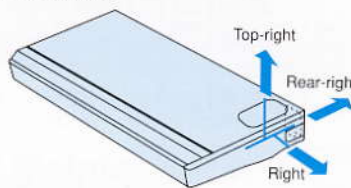
Easier Maintenance and Cleaning

• Anti-Mould Long Life Air Filter



• 3-Direction Pipe Lead-Out

The refrigerant piping can be lead out in one of three directions (right, rear-right and top-right), and the drain pipe direction can be selected from four directions.



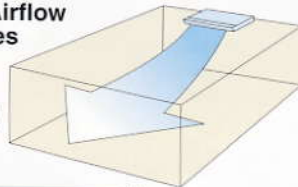
Versatile Functions

- Auto Restart Function
- Auto Fan Mode
- Weekly Timer (Wired Remote Controller only)
- 24-Hour On/Off Real Setting Timer
- Odour Wash
- Economy Mode
- Low Ambient Cooling Operation
*See page 16 for details.
- Auto Changeover Function (Heat Pump Model)
- Dry Mode Function
- Hot Start Control
- Self-Diagnostic Function
- Optional: SUPER alleru-buster filter (CZ-SA12P)

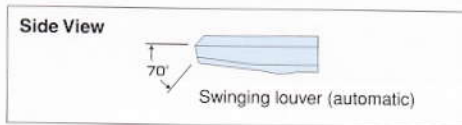
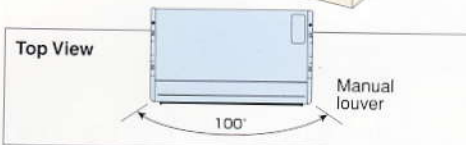
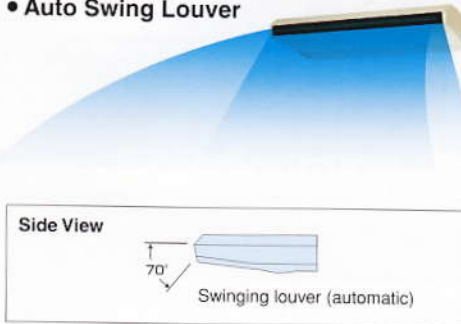
Wide Air Discharge, Comfortable Control

• Wide-Angle Airflow — 100 Degrees Horizontal

Wall-to-Wall Comfort Even in



• Auto Swing Louver



Specifications

Inverter Models



Items	Cooling Capacity		Heating Capacity	Power Source	Power Input	Current	EER COP	Annual Energy Consumption	Air Volume	Sound Pressure Level		Sound Power Level		Dimensions		Net Weight		Piping Connection		Pipe Length			Operation Range (Outdoor) °C			
	Indoor	Outdoor	kW	Phase	kW	A	W/W			Cooling	Heating	Indoor (Hi/Lo) Cooling	Outdoor (Hi) Cooling	Indoor (Hi) Cooling	Outdoor (Hi) Cooling	Indoor	Outdoor	Indoor	Outdoor	Gas Side	Liquid Side	Min - Max. Length		Elevation Difference (CU up)** CU down	Max. Charge-less Length	Additional Gas
CS-F24DTE5 CU-L24DBE5	6.30 (0.00-6.50) 21,500 (8,000-22,200)	7.10 (6.10-7.50) 24,200 (7,200-25,000)	1.96 (0.95-2.30) 10.5 3.21C	220-240 50	1.96 (0.95-2.30) 10.5 3.21C	8.9 10.5	3.21A	980	17	43/39	47	60	63	210 1,245 700	795 900 320	33	71	15.88 (5/8)	9.53 (3/8)	7.5-5.0	(30) 20	30	50	-5-43 -20-24		
CS-F28DTE5 CU-L28DBE5	7.10 (2.10-7.50) 24,200 (7,200-25,000)	8.00 (2.20-8.50) 27,300 (7,500-28,000)	2.44 (0.95-2.45) 12.0 3.02D	220-240 50	2.44 (0.95-2.45) 12.0 3.02D	11.1 12.0	2.91C	1,220	18	45/41	48	62	64	210 1,245 700	795 900 320	33	71	15.88 (5/8)	9.53 (3/8)	7.5-5.0	(30) 20	30	50	-5-43 -20-24		
CS-F34DTE5 CU-L34DBE5	10.00 (4.00-12.00) 34,100 (13,000-40,000)	11.20 (4.00-13.50) 38,200 (13,000-46,000)	3.00 (1.25-3.40) 14.9 3.41B	220-240 50	3.00 (1.25-3.40) 14.9 3.41B	13.0 14.9	3.33A	1,500	29	47/43	52	64	66	250 1,600 700	1,340 900 320	43	110	15.88 (5/8)	9.53 (3/8)	7.5-5.0	(30) 20	30	50	-5-43 -20-24		
CS-F34DTE5 CU-L34DBE8	10.00 (4.00-12.00) 34,100 (13,000-40,000)	11.20 (4.00-13.50) 38,200 (13,000-46,000)	3.00 (1.25-3.40) 5.2 3.41B	380-415 50	3.00 (1.25-3.40) 5.2 3.41B	4.7 5.2	3.33A	1,500	29	47/43	52	64	66	250 1,600 700	1,340 900 320	43	105	15.88 (5/8)	9.53 (3/8)	7.5-5.0	(30) 20	30	50	-5-43 -20-24		
CS-F43DTE5 CU-L43DBE5	12.50 (4.00-13.50) 42,600 (13,000-46,000)	14.00 (4.00-15.50) 47,700 (13,000-52,000)	4.15 (1.30-4.30) 18.2 3.50B	220-240 50	4.15 (1.30-4.30) 18.2 3.50B	18.8 18.2	3.01B	2,075	31	49/45	53	66	67	250 1,600 700	1,340 900 320	47	110	15.88 (5/8)	9.53 (3/8)	7.5-5.0	(30) 20	30	50	-5-43 -20-24		
CS-F43DTE5 CU-L43DBE8	12.50 (4.00-13.50) 42,600 (13,000-46,000)	14.00 (4.00-15.50) 47,700 (13,000-52,000)	4.15 (1.30-4.30) 6.5 3.50B	380-415 50	4.15 (1.30-4.30) 6.5 3.50B	6.5 7.4	3.01B	2,075	31	49/45	53	66	67	250 1,600 700	1,340 900 320	47	105	15.88 (5/8)	9.53 (3/8)	7.5-5.0	(30) 20	30	50	-5-43 -20-24		
CS-F50DTE5 CU-L50DBE8	14.00 (4.00-16.00) 47,700 (13,000-54,000)	16.00 (4.00-18.00) 54,000 (13,000-61,000)	4.81 (1.30-4.70) 7.2 3.41B	380-415 50	4.81 (1.30-4.70) 7.2 3.41B	7.4 7.2	2.91C	2,405	32	50/46	54	67	68	250 1,900 700	1,340 900 320	47	105	15.88 (5/8)	9.53 (3/8)	7.5-5.0	(30) 20	30	50	-5-43 -20-24		
CS-F24DTE5 CU-YL24HBE5	5.60 (2.00-6.30) 19,100 (6,000-21,500)	7.00 (2.00-7.50) 23,900 (6,000-27,500)	1.99 (0.95-2.30) 2.45 (0.95-2.95)	220-240 50	1.99 (0.95-2.30) 2.45 (0.95-2.95)	8.9 11.2	2.81C	995	17	43/39	49	60	67	210 1,245 700	795 875+70** 320	33	65	15.88 (5/8)	9.52 (3/8)	7.5-3.0	(25) 20	30	-	-5-43 -15-24		
CS-F28DTE5 CU-YL28HBE5	7.10 (2.00-7.50) 24,200 (6,000-25,000)	8.00 (2.10-8.50) 27,300 (7,200-28,000)	2.53 (0.95-2.70) 2.85 (0.95-3.25)	220-240 50	2.53 (0.95-2.70) 2.85 (0.95-3.25)	11.3 12.8	2.81C	1,265	18	45/41	50	62	68	210 1,245 700	795 875+70** 320	33	65	15.88 (5/8)	9.52 (3/8)	7.5-3.0	(25) 20	30	-	-5-43 -15-24		
CS-F34DTE5 CU-YL34HBE5	10.00 (3.00-10.50) 34,100 (13,000-35,800)	11.20 (3.00-12.50) 38,200 (13,000-42,000)	3.83 (1.30-4.10) 3.45 (1.15-5.00)	220-240 50	3.83 (1.30-4.10) 3.45 (1.15-5.00)	17.5 16	2.61D	1,915	29	47/43	53	64	71	250 1,600 700	795 900 320	43	66	15.88 (5/8)	9.52 (3/8)	7.5-5.0	(30) 20	30	50	-5-43 -15-24		
CS-F43DTE5 CU-YL43HBE5	12.50 (3.00-13.00) 42,600 (13,000-44,400)	14.00 (3.00-14.50) 47,800 (13,000-49,500)	4.45 (1.30-4.70) 4.23 (1.15-5.00)	220-240 50	4.45 (1.30-4.70) 4.23 (1.15-5.00)	20.3 19.4	2.81C	2,225	31	49/45	54	66	72	250 1,600 700	1,170 900 320	47	94	15.88 (5/8)	9.52 (3/8)	7.5-5.0	(30) 20	30	50	-5-43 -15-24		

Specifications Non-Inverter Models

Cooling/Heating

Items	Cooling Capacity	Heating Capacity	Power Source	Current	Power Input	EER COP	Annual Energy Consumption	Air Volume	NoiseLevel*				Dimensions		Net Weight		Piping Connection		Pipe Length				Operation Range (Outdoor)***
									SoundPressure Level		SoundPower Level		Indoor	Outdoor	Indoor	Outdoor	Gas Side	Liquid Side	Min - Max. Length	Elevation Difference (CU up)**	Max. Charge-less Length	Additional Gas	
									Indoor (Hi/Lo) Cooling Heating	Outdoor (Hi) Cooling Heating	Indoor (Hi) Cooling Heating	Outdoor (Hi) Cooling Heating											
Indoor Outdoor	kW Btu/h	kW Btu/h	Phase V Hz	A	kW	W/W	kW	m³/min	dB(A)	dB(A)	dB	dB	mm (H) (W) (D)	mm (H) (W) (D)	kg	kg	O.D. mm (inch)	O.D. mm (inch)	m	m	m	g/m	°C
CS-F18DTE5 CU-J18DBE5	5.00 17,100	—	1 φ 220-240 50	8.1	1.61 (1.78-1.84)	2.76D	905	14	41/37	49	58	65	210 1,245 700	795 900 320	33	56	12.7 (1/2)	6.35 (1/4)	7.5-30	(20) 20	20	50	5-43 -10-24
CS-F24DTE5 CU-J24DBE5	6.60 22,500	—	1 φ 220-240 50	13.3	2.63 (2.58-2.68)	2.51E	1,315	17	43/39	50	60	66	210 1,245 700	795 900 320	33	61	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F24DTE5 CU-J24DBE8	6.60 22,500	—	3 φ 380-415 50	4.6	2.63 (2.58-2.68)	2.51E	1,315	17	43/39	50	60	66	210 1,245 700	795 900 320	33	61	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F28DTE5 CU-J28DBE5	7.30 24,900	—	1 φ 220-240 50	13.0	2.85 (2.80-2.90)	2.56E	1,425	18	45/41	52	62	67	210 1,245 700	795 900 320	33	61	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F28DTE5 CU-J28DBE8	7.30 24,900	—	3 φ 380-415 50	4.95	2.85 (2.80-2.90)	2.56E	1,425	18	45/41	52	62	67	210 1,245 700	795 900 320	33	61	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F34DTE5 CU-J34DBE5	10.00 34,100	—	1 φ 220-240 50	18.5	4.02 (3.97-4.07)	2.49E	2,010	29	47/43	55	64	69	250 1,600 700	1,170 900 320	43	92	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F34DTE5 CU-J34DBE8	10.00 34,100	—	3 φ 380-415 50	6.1	3.89 (3.84-3.94)	2.57E	1,945	29	47/43	55	64	69	250 1,600 700	1,170 900 320	43	90	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F43DTE5 CU-J43DBE8	12.50 42,600	—	3 φ 380-415 50	8.2	4.89 (4.84-4.94)	2.56E	2,445	31	49/45	56	66	70	250 1,600 700	1,170 900 320	47	97	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F50DTE5 CU-J50DBE8	13.50 46,000	—	3 φ 380-415 50	8.6	5.28 (5.23-5.33)	2.56E	2,640	32	50/46	56	67	70	250 1,600 700	1,170 900 320	47	97	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F18DTE5 CU-B18DBE5	5.00 17,100	5.60 19,100	1 φ 220-240 50	8.1	1.81 (1.78-1.84) 1.74 (1.71-1.77)	2.76D 3.22C	905	14 14	41/37 41/37	49 50	58 58	65 66	210 1,245 700	795 900 320	33	57	12.7 (1/2)	6.35 (1/4)	7.5-30	(20) 20	20	20	5-43 -10-24
CS-F24DTE5 CU-B24DBE5	6.60 22,500	7.10 24,200	1 φ 220-240 50	12.6 12.6	2.57 (2.51-2.63) 2.49 (2.44-2.62)	2.57E 2.85D	1,285	17 17	43/39 43/39	50 51	60 60	66 67	210 1,245 700	795 900 320	33	69	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F28DTE5 CU-B28DBE5	7.30 24,900	7.80 26,600	1 φ 220-240 50	12.9 13.0	2.85 (2.80-2.90) 2.75 (2.70-2.80)	2.56E 2.84D	1,425	18 18	45/41 45/41	52 53	62 62	67 68	210 1,245 700	795 900 320	33	69	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F28DTE5 CU-B28DBE8	7.30 24,900	7.80 26,600	3 φ 380-415 50	4.9 4.7	2.85 (2.80-2.90) (2.70-2.80)	2.56E 2.84D	1,425	18 18	45/41 45/41	52 53	62 62	67 68	210 1,245 700	795 900 320	33	69	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F34DTE5 CU-B34DBE5	10.00 34,100	11.20 38,200	1 φ 220-240 50	18.2 18.2	3.90 (3.85-3.95) 3.99 (3.94-4.04)	2.56E 2.81D	1,950	29 29	47/43 47/43	55 56	64 64	69 70	250 1,600 700	1,170 900 320	43	102	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F34DTE5 CU-B34DBE8	10.00 34,100	11.20 38,200	3 φ 380-415 50	6.1 6.4	3.77 (3.72-3.82) 3.91 (3.86-3.96)	2.65D 2.86D	1,885	29 29	47/43 47/43	55 56	64 64	69 70	250 1,600 700	1,170 900 320	43	100	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F43DTE5 CU-B43DBE8	12.50 42,600	14.00 47,700	3 φ 380-415 50	8.0 7.8	4.75 (4.70-4.80) 4.69 (4.64-4.74)	2.63D 2.99D	2,375	31 31	49/45 49/45	56 57	66 66	70 71	250 1,600 700	1,170 900 320	47	102	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24
CS-F50DTE5 CU-B50DBE8	13.50 46,000	15.00 51,100	3 φ 380-415 50	8.6 8.0	5.16 (5.11-5.28) 5.03 (4.98-5.08)	2.62D 2.98D	2,580	32 32	50/46 50/46	56 57	67 67	70 71	250 1,600 700	1,170 900 320	47	102	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	5-43 -10-24

Rating Conditions

	Cooling	Heating
Inside air temperature	27°C DB/19°C WB	20°C DB
Outside air temperature	35°C DB/24°C WB	7°C DB/6°C WB

* The Sound Pressure Level of the outdoor unit shows the value measured of a position 1 meter in front of the main body and 1.5 meters from the ground.

** When installing the outdoor unit at a higher position than the indoor unit.

*** Cooling operation at -15°C <inverter L series> / -10°C <non-inverter> is possible in non-residential computer rooms, etc., where the temperature is not less than 21°C and humidity is not more than 45%.

Add 70mm for piping port.