

Cassette Type



Selectable Remote Controller

* Customer needs to choose either wired or wireless.



Wired Remote Controller

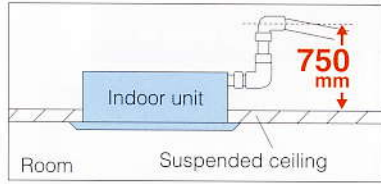


Wireless Remote Controller

Fast, Flexible Installation

• 750 mm Drain-Up Mechanism

Drain hose can be elevated 750 mm from the base of the unit simply by connecting an elbow. This adds to ease of drain piping work, and flexibility in locating the indoor unit.



Easy Maintenance and Cleaning

• Anti-Mould Long-Life Air Filter



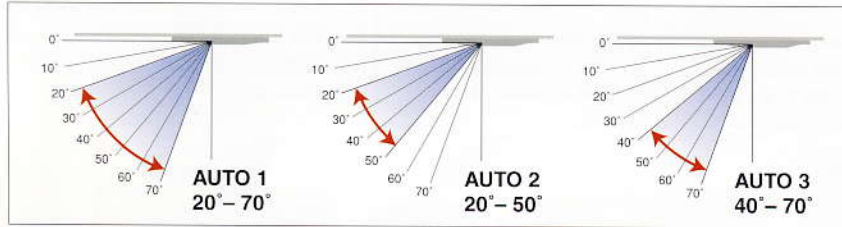
* For optimum comfort, we recommend cleaning the air filter every 1.5 months.

Versatile Functions

- 950 mm Square Panel for All Models (Optional: CZ-BT03P)
- Weekly Timer (Wired Remote Controller only)
- 24-Hour On/Off Real Setting Timer
- Odor Wash
- Economy Mode
- Auto Restart Function
- Auto Changeover Function (Heat Pump Model)
- Auto Fan Mode
- Dry Mode Function
- Low Ambient Cooling Operation
- Hot Start Control
- Self-Diagnostic Function
- Optional: SUPER alleru-buster filter (CZ-SA11P)

Three Airflow Patterns for Extra Comfort

• Multi-Comfort Air Control



Specifications Inverter Models



Cooling/Heating

Items	Cooling Capacity		Power Source	Current	Power Input	EER COP	Annual Energy Consumption	Air Volume	NoiseLevel*				Dimensions			Net Weight		Piping Connection		Pipe Length				Operation Range (Outdoor)** °C	
	kW	Btu/h							Indoor (Hi/Low) Cooling	Outdoor (Hi) Cooling	Indoor (Hi) Heating	Outdoor (Hi) Heating	Indoor	Panel	Outdoor	Indoor	Panel	Outdoor	Gas Side	Liquid Side	Min - Max. Length	Elevation Difference (CU up)**	Max. Charge-less Length		Additional Gas
	kW	Btu/h	Phase	A	kW	W/W	kW	m ³ /min	dB(A)	dB(A)	dB	dB	mm (H/W/D)	mm (H/W/D)	mm (H/W/D)	kg	kg	kg	O.D. mm (inch)	O.D. mm (inch)	m	m	m	g/m	°C
CS-F24DB4E5 CZ-BT03P CU-L24DBE5	6.30 (2.10-7.10) 21,500 (7,200-24,200)	7.10 (2.20-8.00) 24,200 (7,500-27,300)	1φ	7.7	1.70 (0.50-2.20) 1.64 (0.50-1.50)	3.71A 3.86A	850	18	36/32	47	51	63	246 840	950 950	795 900	26	4.5	71	15.88 (5/8)	9.53 (3/8)	7.5-50	(30) 20	30	50	-5-43 -20-24
CS-F28DB4E5 CZ-BT03P CU-L28DBE5	7.10 (2.20-8.00) 24,200 (7,500-27,300)	8.00 (2.30-8.50) 27,300 (7,800-29,000)	1φ	9.2	2.00 (0.60-2.40) 2.11 (0.60-3.20)	3.55A 3.79A	1,000	20	38/33	48	53	64	246 840	950 950	795 900	26	4.5	71	15.88 (5/8)	9.53 (3/8)	7.5-50	(30) 20	30	50	-5-43 -20-24
CS-F34DB4E5 CZ-BT03P CU-L34DBE5	10.00 (4.00-12.00) 34,100 (13,600-40,900)	11.20 (4.00-14.00) 38,200 (13,600-47,700)	1φ	11.7	2.59 (1.15-3.20) 2.90 (1.10-4.10)	3.86A 3.86A	1,295	27	42/37	52	57	66	288 840	950 950	1,340 900	28.5	4.5	110	15.88 (5/8)	9.53 (3/8)	7.5-50	(30) 20	30	50	-5-43 -20-24
CS-F34DB4E5 CZ-BT03P CU-L34DBE8	10.00 (4.00-12.00) 34,100 (13,600-40,900)	11.20 (4.00-14.00) 38,200 (13,600-47,700)	3φ	4.1	2.59 (1.15-3.20) 2.90 (1.10-4.10)	3.86A 3.86A	1,295	27	42/37	52	57	66	288 840	950 900	1,340 320	28.5	4.5	105	15.88 (5/8)	9.53 (3/8)	7.5-50	(30) 20	30	50	-5-43 -20-24
CS-F43DB4E5 CZ-BT03P CU-L43DBE5	12.50 (4.00-14.00) 42,600 (13,600-47,700)	14.00 (4.00-18.00) 47,700 (13,600-54,600)	1φ	16.5	3.64 (1.20-3.80) 3.88 (1.15-4.90)	3.43A 3.61A	1,820	31	46/41	53	61	67	288 840	950 950	1,340 320	28.5	4.5	110	15.88 (5/8)	9.53 (3/8)	7.5-50	(30) 20	30	50	-5-43 -20-24
CS-F43DB4E5 CZ-BT03P CU-L43DBE8	12.50 (4.00-14.00) 42,600 (13,600-47,700)	14.00 (4.00-18.00) 47,700 (13,600-54,600)	3φ	5.8	3.64 (1.20-3.80) 3.88 (1.15-4.90)	3.43A 3.61A	1,820	31	46/41	53	61	67	288 840	950 900	1,340 320	28.5	4.5	105	15.88 (5/8)	9.53 (3/8)	7.5-50	(30) 20	30	50	-5-43 -20-24
CS-F50DB4E5 CZ-BT03P CU-L50DBE8	14.00 (4.00-16.00) 47,700 (13,600-54,600)	16.00 (4.00-19.00) 54,600 (13,600-81,400)	3φ	7.1	4.05 (1.20-4.95) 4.69 (1.15-5.90)	3.01B 3.41B	2,325	32	47/42	54	62	68	288 840	950 900	1,340 320	28.5	4.5	105	15.88 (5/8)	9.53 (3/8)	7.5-50	(30) 20	30	50	-5-43 -20-24
CS-F24DB4E5 CZ-BT03P CU-YL24HBE5	5.60 (2.00-6.30) 19,100 (6,800-27,300)	7.00 (2.10-7.50) 23,500 (7,200-29,000)	1φ	8.30	1.86 (0.55-2.20) 2.05 (0.60-2.50)	3.01B 3.41B	930	18	36/32	49	51	67	246 840	950 875+70 [†]	795 320	26	4.5	65	15.88 (5/8)	9.52 (3/8)	7.5-30	(25) 20	30	-	-5-43 -15-24
CS-F28DB4E5 CZ-BT03P CU-YL28HBE5	7.10 (2.10-7.70) 24,200 (7,200-28,300)	8.00 (2.20-8.30) 27,300 (7,500-28,300)	1φ	10.60	2.36 (0.65-2.60) 3.28 (0.6-3.2)	3.01B 3.42B	1,180	20	38/33	50	53	68	246 840	950 950	795 320	26	4.5	65	15.88 (5/8)	9.52 (3/8)	7.5-30	(25) 20	30	-	-5-43 -15-24
CS-F34DB4E5 CZ-BT03P CU-YL34HBE5	10.00 (3.00-11.00) 34,100 (13,000-37,500)	11.20 (3.00-13.00) 38,200 (13,000-44,800)	1φ	15.20	2.95 (1.25-3.95) 3.28 (1.10-4.50)	3.01B 3.41B	1,660	27	42/37	53	57	71	288 840	950 900	795 320	29	4.5	66	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	-5-43 -15-24
CS-F43DB4E5 CZ-BT03P CU-YL43HBE5	12.50 (3.00-13.00) 42,700 (13,000-44,400)	14.00 (3.00-15.00) 47,800 (13,000-51,200)	1φ	19.00	4.15 (1.25-4.45) 4.10 (1.10-4.90)	3.01B 3.41B	2,075	31	46/41	54	61	72	288 840	950 900	1,170 320	29	4.5	94	15.88 (5/8)	9.52 (3/8)	7.5-50	(30) 20	30	50	-5-43 -15-24

Specifications

Non-Inverter Models

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)***	
									Sound Pressure Level		Sound Power Level		Indoor	Panel	Outdoor	Indoor	Panel	Outdoor	Gas Side	Liquid Side	M	a	Max. Charge-less Length		Additional Gas
									Indoor (Hi/La) Cooling Heating	Outdoor (Hi) Cooling Heating	Indoor (Hi) Cooling Heating	Outdoor (Hi) Cooling Heating													
									kW Btu/h	kW Btu/h	Phase V Hz	A	kW	W/W	kWh	m ³ /min	dB(A)	dB(A)	dB	dB	mm (H) (W) (D)	mm (H) (W) (D)	mm (H) (W) (D)		kg
CS-F14DB4E5 CZ-BT03P CU-J14DBE5	3.80 13,000	—	1φ 220-240 50	5.7	1.26 (1.23-1.29)	3.02B	630	15	34/31	49	49	65	246 840 840	950 950 45	795 900 320	25	4.5	54	12.7 (1/2)	6.35 (1/4)	7.530	(20) 20	20	20	5-43 -10-24
CS-F18DB4E5 CZ-BT03P CU-J18DBE5	5.00 17,100	—	1φ 220-240 50	7.7	1.72 (1.69-1.75)	2.91C	860	20	35/32	49	50	65	246 840 840	950 950 45	795 900 320	26	4.5	56	12.7 (1/2)	6.35 (1/4)	7.530	(20) 20	20	20	5-43 -10-24
CS-F24DB4E5 CZ-BT03P CU-J24DBE5	6.60 22,500	—	1φ 220-240 50	13.2	2.58 (2.53-2.63)	2.58E	1,290	18	36/32	50	51	66	246 840 840	950 950 45	795 900 320	26	4.5	61	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F24DB4E5 CZ-BT03P CU-J24DBE8	6.60 22,500	—	3φ 380-415 50	4.55	2.58 (2.53-2.63)	2.56E	1,290	18	36/32	50	51	66	246 840 840	950 950 45	795 900 320	26	4.5	61	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F28DB4E5 CZ-BT03P CU-J28DBE5	7.30 24,900	—	1φ 220-240 50	12.9	2.80 (2.74-2.85)	2.61D	1,400	20	38/33	52	53	67	246 840 840	950 950 45	795 900 320	26	4.5	61	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F28DB4E5 CZ-BT03P CU-J28DBE8	7.30 24,900	—	3φ 380-415 50	4.9	2.80 (2.74-2.85)	2.61D	1,400	20	38/33	52	53	67	246 840 840	950 950 45	795 900 320	26	4.5	61	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F34DB4E5 CZ-BT03P CU-J34DBE5	10.00 34,100	—	1φ 220-240 50	18.1	3.93 (3.88-3.98)	2.54E	1,965	27	42/37	55	57	69	288 840 840	950 950 45	1,170 900 320	28.5	4.5	92	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F34DB4E5 CZ-BT03P CU-J34DBE8	10.00 34,100	—	3φ 380-415 50	6.2	3.80 (3.75-3.85)	2.63D	1,900	27	42/37	55	57	69	288 840 840	950 950 45	1,170 900 320	28.5	4.5	90	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F43DB4E5 CZ-BT03P CU-J43DBE8	12.50 42,600	—	3φ 380-415 50	8.0	4.79 (4.74-4.84)	2.61D	2,395	31	46/41	56	61	70	288 840 840	950 950 45	1,170 900 320	28.5	4.5	97	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F50DB4E5 CZ-BT03P CU-J50DBE8	13.50 46,000	—	3φ 380-415 50	8.5	5.18 (5.13-5.23)	2.61D	2,590	32	47/42	56	62	70	288 840 840	950 950 45	1,170 900 320	28.5	4.5	97	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F14DB4E5 CZ-BT03P CU-B14DBE5	3.80 13,000	4.30 14,700	1φ 220-240 50	5.5 5.45	1.23 (1.20-1.25) 1.22 (1.19-1.25)	3.09B 3.52B	615	15 15	34/31 34/31	49 50	49 49	65 66	246 840 840	950 950 45	795 900 320	25	4.5	55	12.7 (1/2)	6.35 (1/4)	7.530	(20) 20	20	20	5-43 -10-24
CS-F18DB4E5 CZ-BT03P CU-B18DBE5	5.00 17,100	5.60 19,100	1φ 220-240 50	7.7 7.2	1.72 (1.69-1.75) 1.62 (1.59-1.65)	2.91C 3.46B	860	20 20	35/32 34/31	49 50	49 49	65 66	246 840 840	950 950 45	795 900 320	26	4.5	57	12.7 (1/2)	6.35 (1/4)	7.530	(20) 20	20	20	5-43 -10-24
CS-F24DB4E5 CZ-BT03P CU-B24DBE5	6.60 22,500	7.10 24,200	1φ 220-240 50	12.4 11.2	2.51 (2.46-2.57) 2.36 (2.31-2.41)	2.63D 3.01D	1,255	18 18	36/32 36/32	50 51	51 51	66 67	246 840 840	950 950 45	795 900 320	26	4.5	69	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F28DB4E5 CZ-BT03P CU-B28DBE5	7.30 24,900	8.00 27,300	1φ 220-240 50	12.8 11.8	2.80 (2.74-2.85) 2.60 (2.55-2.65)	2.61D 3.08D	1,400	20 20	38/33 38/33	52 53	53 53	67 68	246 840 840	950 950 45	795 900 320	26	4.5	69	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F28DB4E5 CZ-BT03P CU-B28DBE8	7.30 24,900	8.00 27,300	3φ 380-415 50	4.85 4.3	2.80 (2.74-2.85) 2.60 (2.55-2.65)	2.61D 3.08D	1,400	20 20	38/33 38/33	52 53	53 53	67 68	246 840 840	950 950 45	795 900 320	26	4.5	69	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F34DB4E5 CZ-BT03P CU-B34DBE5	10.00 34,100	11.20 38,200	1φ 220-240 50	18.1 17.7	3.81 (3.76-3.86) 3.66 (3.61-3.71)	2.62D 2.90D	1,905	27 27	42/37 42/37	55 56	57 57	69 70	288 840 840	950 950 45	1,170 900 320	28.5	4.5	102	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F34DB4E5 CZ-BT03P CU-B34DBE8	10.00 34,100	11.20 38,200	3φ 380-415 50	6.1 6.0	3.68 (3.63-3.73) 3.78 (3.73-3.83)	2.72D 2.96D	1,840	27 27	42/37 42/37	55 56	57 57	69 70	288 840 840	950 950 45	1,170 900 320	28.5	4.5	100	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F43DB4E5 CZ-BT03P CU-B43DBE8	12.50 42,600	14.00 47,700	3φ 380-415 50	7.9 7.7	4.65 (4.60-4.70) 4.59 (4.54-4.64)	2.69D 3.05D	2,325	31 31	46/41 46/41	56 57	61 61	70 71	288 840 840	950 950 45	1,170 900 320	28.5	4.5	102	15.88 (5/8)	9.52 (3/8)	7.56 0	(30) 20	30	50	5-43 -10-24
CS-F50DB4E5 CZ-BT03P CU-B50DBE8	13.50 46,000	15.00 51,100	3φ 380-415 50	8.5 8.0	5.06 (5.01-5.15) 4.93 (4.88-4.98)	2.67D 3.04D	2,530	32 32	47/42 47/42	56 57	62 62	70 71	288 840 840	950 950 45	1,170 900 320	28.5	4.5	102	15.88 (5/8)	9.52 (3/8)	7.56 0	(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%.

The specifications listed on the table indicate values under the condition of 50Pa(5.1mmAq) which are applied for factory default setting. ## Add 70mm for piping port.