

### 3. Specifications

Indoor		Model	CS-Z25TKEA			CS-Z35TKEA			
		POS (EAN)	5025232873319			5025232873333			
Outdoor		Model	CU-Z25TKEA			CU-Z35TKEA			
		POS (EAN)	5025232873326			5025232873340			
Performance Test Condition		EUROVENT			EUROVENT				
Power Supply		Phase, Hz	Single, 50			Single, 50			
		V	230			230			
		Min.	Mid.	Max.	Min.	Mid.	Max.		
Cooling	Capacity	kW	0.85	2.50	3.00	0.85	3.50	4.00	
		BTU/h	2900	8530	10200	2900	11900	13600	
		kcal/h	730	2150	2580	730	3010	3440	
	Running Current	A	–	2.45	–	–	4.00	–	
	Input Power	W	170	510	700	170	860	1.10k	
	Annual Consumption		–	258	–	–	435	–	
	EER CLASS		–	A	–	–	A	–	
	EER	W/W	5.00	4.90	4.29	5.00	4.07	3.64	
		BTU/hW	17.06	16.73	14.57	17.06	13.84	12.36	
		kcal/hW	4.29	4.22	3.69	4.29	3.50	3.13	
	ErP	Pdesign	kW	2.5			3.5		
		SEER	(W/W)	8.5			8.5		
		Annual Consumption	kWh	103			144		
		Class		A+++			A+++		
	Power Factor	%	–	91	–	–	93	–	
	Indoor Noise (H / L / QLo)	dB-A	39 / 25 / 21			42 / 28 / 21			
		Power Level dB	55 / – / –			58 / – / –			
	Outdoor Noise (H / L / QLo)	dB-A	46 / – / –			48 / – / –			
		Power Level dB	61 / – / –			63 / – / –			
	Heating	Capacity	kW	0.85	3.40	5.40	0.85	4.00	6.60
BTU/h			2900	11600	18400	2900	13600	22500	
kcal/h			730	2920	4640	730	3440	5680	
Running Current		A	–	3.40	–	–	4.20	–	
Input Power		W	165	700	1.31k	165	920	1.82k	
COP CLASS			–	A	–	–	A	–	
COP		W/W	5.15	4.86	4.12	5.15	4.35	3.63	
		BTU/hW	17.58	16.57	14.05	17.58	14.78	12.36	
		kcal/hW	4.42	4.17	3.54	4.42	3.74	3.12	
ErP		Pdesign	kW	2.8			3.6		
		Tbivalent	°C	-10			-10		
		SCOP	(W/W)	4.5			4.4		
		Annual Consumption	kWh	871			1145		
		Class		A+			A+		
Power Factor		%	–	90	–	–	95	–	
Indoor Noise (H / L / QLo)		dB-A	41 / 27 / 22			43 / 30 / 22			
		Power Level dB	58 / – / –			60 / – / –			
Outdoor Noise (H / L / QLo)		dB-A	48 / – / –			50 / – / –			
		Power Level dB	63 / – / –			65 / – / –			
Low Temp. : Capacity (kW) / I.Power (W) / COP		3.91 / 1.16k / 3.37			4.78 / 1.61k / 2.97				
Extr Low Temp. : Capacity (kW) / I.Power (W) / COP		3.33 / 1.29k / 2.58			4.07 / 1.70k / 2.39				
Max Current (A) / Max Input Power (W)		7.7 / 1.74k			8.3 / 1.82k				
Starting Current (A)		3.40			4.20				

Indoor		Model	CS-Z25TKEA		CS-Z35TKEA			
		POS (EAN)	5025232873319		5025232873333			
Outdoor		Model	CU-Z25TKEA		CU-Z35TKEA			
		POS (EAN)	5025232873326		5025232873340			
Compressor	Type		Hermetic Motor / Rotary		Hermetic Motor / Rotary			
	Motor Type		Brushless (4-poles)		Brushless (4-poles)			
	Output Power	W	900		900			
Indoor Fan	Type			Cross-flow Fan		Cross-flow Fan		
	Material			ASG20K1		ASG20K1		
	Motor Type			DC (8-poles)		DC (8-poles)		
	Input Power		W	47.3		47.3		
	Output Power		W	40		40		
	Speed	QLo	Cool	rpm	650		640	
			Heat	rpm	670		680	
		Lo	Cool	rpm	730		800	
			Heat	rpm	810		880	
		Me	Cool	rpm	910		1010	
			Heat	rpm	1010		1140	
		Hi	Cool	rpm	1100		1220	
			Heat	rpm	1220		1400	
		SHi	Cool	rpm	1200		1270	
			Heat	rpm	1320		1450	
Outdoor Fan		Type			Propeller Fan		Propeller Fan	
		Material			PP		PP	
	Motor Type			DC (8-poles)		DC (8-poles)		
	Input Power		W	-		-		
	Output Power		W	40		40		
	Speed	Hi	Cool	rpm	800		860	
			Heat	rpm	800		890	
Moisture Removal		L/h (Pt/h)	1.5 (3.2)		2.0 (4.2)			
Indoor Airflow	QLo	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	5.49 (194)		5.22 (184)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	5.71 (202)		5.60 (198)		
	Lo	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	6.36 (225)		6.74 (238)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	7.22 (255)		7.50 (265)		
	Me	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	8.35 (295)		8.73 (308)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	9.43 (333)		9.97 (352)		
	Hi	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	10.40 (365)		10.70 (380)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	11.70 (415)		12.40 (440)		
	SHi	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	11.43 (404)		11.20 (395)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	12.73 (450)		12.91 (456)		
Outdoor Airflow	Hi	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	32.20 (1135)		34.40 (1215)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	32.20 (1135)		35.60 (1255)		
Refrigerant Cycle	Control Device			Expansion Valve		Expansion Valve		
	Refrigerant Oil		cm <sup>3</sup>	FW50S (450)		FW50S (450)		
	Refrigerant Type		g (oz)	R32, 960 (33.9)		R32, 1000 (35.3)		
F-Gas	GWP			675		675		
	CO <sub>2</sub> eq (ton) (Precharged Amount / Maximum Amount)			0.648 / 0.732		0.675 / 0.759		

Indoor			Model	CS-Z25TKEA	CS-Z35TKEA		
			POS (EAN)	5025232873319	5025232873333		
Outdoor			Model	CU-Z25TKEA	CU-Z35TKEA		
			POS (EAN)	5025232873326	5025232873340		
Dimension	Unit	Height (I/D / O/D)	mm (inch)	295 (11-5/8) / 619 (24-3/8)		295 (11-5/8) / 619 (24-3/8)	
		Width (I/D / O/D)	mm (inch)	919 (36-3/16) / 824 (32-15/32)		919 (36-3/16) / 824 (32-15/32)	
		Depth (I/D / O/D)	mm (inch)	194 (7-21/32) / 299 (11-25/32)		194 (7-21/32) / 299 (11-25/32)	
Weight	Net (I/D / O/D)	kg (lb)	9 (20) / 37 (82)		10 (22) / 38 (84)		
Piping	Pipe Diameter (Liquid / Gas)		mm (inch)	6.35 (1/4) / 9.52 (3/8)		6.35 (1/4) / 9.52 (3/8)	
	Standard Length		m (ft)	5.0 (16.4)		5.0 (16.4)	
	Length Range (min – max)		m (ft)	3 (9.8) ~ 20 (65.6)		3 (9.8) ~ 20 (65.6)	
	I/D & O/D Height Different		m (ft)	15.0 (49.2)		15.0 (49.2)	
	Additional Gas Amount		g/m (oz/ft)	10 (0.1)		10 (0.1)	
	Length for Additional Gas		m (ft)	7.5 (24.6)		7.5 (24.6)	
Drain Hose	Inner Diameter		mm	16.7		16.7	
	Length		mm	650		650	
Indoor Heat Exchanger	Fin Material			Aluminium (Pre Coat)		Aluminium (Pre Coat)	
	Fin Type			Slit Fin		Slit Fin	
	Row × Stage × FPI			2 × 15 × 21		2 × 15 × 21	
	Size (W × H × L)		mm	610 × 315 × 25.4		610 × 315 × 25.4	
Outdoor Heat Exchanger	Fin Material			Aluminium		Aluminium	
	Fin Type			Corrugated Fin (Pre Coat)		Corrugated Fin (Pre Coat)	
	Row × Stage × FPI			2 × 28 × 17		2 × 28 × 17	
	Size (W × H × L)		mm	36.4 × 588 × 781.3:752.7		36.4 × 588 × 856.3:827.7	
Air Filter	Material			Polypropelene		Polypropelene	
	Type			One-touch		One-touch	
Power Supply				Indoor		Indoor	
Power Supply Cord				Nil		Nil	
Thermostat				Electronic Contol		Electronic Contol	
Protection Device				Electronic Contol		Electronic Contol	
				Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb
Indoor Operation Range	Cooling	Maximum °C (°F)		32 (89.6)	23 (73.4)	32 (89.6)	23 (73.4)
		Minimum °C (°F)		16 (60.8)	11 (51.8)	16 (60.8)	11 (51.8)
	Heating	Maximum °C (°F)		30 (86.0)	–	30 (86.0)	–
		Minimum °C (°F)		16 (60.8)	–	16 (60.8)	–
Outdoor Operation Range	Cooling	Maximum °C (°F)		43 (109.4)	26 (78.8)	43 (109.4)	26 (78.8)
		Minimum °C (°F)		-20 (-40)	–	-20 (-40)	–
	Heating	Maximum °C (°F)		24 (75.2)	18 (64.4)	24 (75.2)	18 (64.4)
		Minimum °C (°F)		-15 (5.0)	–	-15 (5.0)	–

- Cooling capacities are based on indoor temperature of 27°C Dry Bulb (80.6°F Dry Bulb), 19.0°C Wet Bulb (66.2°F Wet Bulb) and outdoor air temperature of 35°C DRY BULB (95°F Dry Bulb), 24°C Wet Bulb (75.2°F Wet Bulb).
- Heating capacities are based on indoor temperature of 20°C Dry Bulb (68°F Dry Bulb) and outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb).
- Heating low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor 2/1°C.
- Heating extreme low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor -7/-8°C.
- Standby power consumption ≤10.0w (when switched OFF by remote control, except under self protection control).
- Specifications are subjected to change without prior notice for further improvement.

Indoor	Model	CS-Z42TKEA			CS-Z50TKEA				
	POS (EAN)	5025232873357			5025232873364				
Outdoor	Model	CU-Z42TKEA			CU-Z50TKEA				
	POS (EAN)	5025232873388			5025232873395				
Performance Test Condition		EUROVENT			EUROVENT				
Power Supply	Phase, Hz	Single, 50			Single, 50				
	V	230			230				
		Min.	Mid.	Max.	Min.	Mid.	Max.		
Cooling	Capacity	kW	0.98	4.20	5.00	0.98	5.00	6.00	
		BTU/h	3340	14300	17100	3340	17100	20500	
		kcal/h	840	3610	4300	840	4300	5160	
	Running Current	A	–	5.00	–	–	6.30	–	
	Input Power	W	200	1.10k	1.54k	280	1.39k	1.94k	
	Annual Consumption		–	550	–	–	695	–	
	EER CLASS		–	A	–	–	A	–	
	EER	W/W	4.90	3.82	3.25	3.50	3.60	3.09	
		BTU/hW	16.70	13.00	11.10	11.93	12.30	10.57	
		kcal/hW	4.20	3.28	2.79	3.00	3.09	2.66	
	ErP	Pdesign	kW	4.2			5.0		
		SEER	(W/W)	8.5			8.5		
		Annual Consumption	kWh	173			206		
		Class		A+++			A+++		
	Power Factor	%	–	96	–	–	96	–	
	Indoor Noise (H / L / QLo)	dB-A	43 / 32 / 29			44 / 37 / 30			
		Power Level dB	59 / – / –			60 / – / –			
	Outdoor Noise (H / L / QLo)	dB-A	48 / – / –			48 / – / –			
		Power Level dB	63 / – / –			63 / – / –			
	Heating	Capacity	kW	0.98	5.40	7.25	0.98	5.80	8.00
			BTU/h	3340	18400	24700	3340	19800	27300
			kcal/h	840	4640	6240	840	4990	6880
		Running Current	A	–	6.10	–	–	6.50	–
		Input Power	W	220	1.35k	2.15k	340	1.44k	2.50k
		COP CLASS		–	A	–	–	A	–
		COP	W/W	4.45	4.00	3.37	2.88	4.03	3.20
BTU/hW			15.18	13.63	11.49	9.82	13.75	10.92	
kcal/hW			3.82	3.44	2.90	2.47	3.47	2.75	
ErP		Pdesign	kW	3.8			4.4		
		Tbivalent	°C	-10			-10		
		SCOP	(W/W)	4.3			4.4		
		Annual Consumption	kWh	1237			1400		
		Class		A+			A+		
Power Factor		%	–	96	–	–	96	–	
Indoor Noise (H / L / QLo)		dB-A	44 / 35 / 29			44 / 37 / 30			
		Power Level dB	60 / – / –			60 / – / –			
Outdoor Noise (H / L / QLo)		dB-A	50 / – / –			50 / – / –			
		Power Level dB	65 / – / –			65 / – / –			
Low Temp. : Capacity (kW) / I.Power (W) / COP		5.25 / 1.90k / 2.76			5.80 / 2.21k / 2.62				
Extr Low Temp. : Capacity (kW) / I.Power (W) / COP		4.30 / 1.95k / 2.21			5.00 / 2.25k / 2.22				
Max Current (A) / Max Input Power (W)		9.4 / 2.15k			11.1 / 2.53k				
Starting Current (A)		6.10			6.50				

Indoor			Model	CS-Z42TKEA	CS-Z50TKEA	
			POS (EAN)	5025232873357	5025232873364	
Outdoor			Model	CU-Z42TKEA	CU-Z50TKEA	
			POS (EAN)	5025232873388	5025232873395	
Compressor	Type			Hermetic Motor / Rotary	Hermetic Motor / Rotary	
	Motor Type			Brushless (4-poles)	Brushless (4-poles)	
	Output Power	W		900	900	
Indoor Fan	Type			Cross-flow Fan	Cross-flow Fan	
	Material			ASG33	ASG33	
	Motor Type			DC (8-poles)	DC (8-poles)	
	Input Power		W	89.0	89.0	
	Output Power		W	40	40	
	Speed	QLo	Cool	rpm	700	730
			Heat	rpm	720	760
		Lo	Cool	rpm	760	900
			Heat	rpm	880	950
		Me	Cool	rpm	900	1000
			Heat	rpm	1010	1080
		Hi	Cool	rpm	1050	1100
			Heat	rpm	1150	1210
	SHi	Cool	rpm	1100	1150	
Heat		rpm	1200	1260		
Outdoor Fan	Type			Propeller Fan	Propeller Fan	
	Material			PP	PP	
	Motor Type			DC (8-poles)	DC (8-poles)	
	Input Power		W	-	-	
	Output Power		W	40	40	
	Speed	Hi	Cool	rpm	860	720
Heat			rpm	890	700	
Moisture Removal			L/h (Pt/h)	2.4 (5.1)	2.8 (5.9)	
Indoor Airflow	QLo	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	11.30 (400)	11.89 (420)	
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	11.70 (413)	12.48 (441)	
	Lo	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	12.48 (441)	15.24 (538)	
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	14.85 (524)	16.23 (573)	
	Me	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	15.34 (542)	17.21 (608)	
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	17.51 (618)	18.79 (664)	
	Hi	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	18.20 (640)	19.20 (680)	
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	20.20 (715)	21.30 (750)	
SHi	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	19.18 (677)	20.17 (712)		
	Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	21.15 (747)	22.33 (789)		
Outdoor Airflow	Hi	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	34.40 (1215)	39.70 (1400)	
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	35.60 (1255)	38.60 (1365)	
Refrigerant Cycle	Control Device			Expansion Valve	Expansion Valve	
	Refrigerant Oil		cm <sup>3</sup>	FW50S (450)	FW50S (450)	
	Refrigerant Type		g (oz)	R32, 1.08k (38.1)	R32, 1.15k (40.6)	
F-Gas	GWP			675	675	
	CO <sub>2</sub> eq (ton) (Precharged Amount / Maximum Amount)			0.729 / 0.856	0.776 / 1.004	

Indoor			Model	CS-Z42TKEA	CS-Z50TKEA		
			POS (EAN)	5025232873357	5025232873364		
Outdoor			Model	CU-Z42TKEA	CU-Z50TKEA		
			POS (EAN)	5025232873388	5025232873395		
Dimension	Unit	Height (I/D / O/D)	mm (inch)	302 (11-29/32) / 619 (24-3/8)		302 (11-29/32) / 695 (27-3/8)	
		Width (I/D / O/D)	mm (inch)	1120 (44-1/8) / 824 (32-15/32)		1120 (44-1/8) / 875 (34-15/32)	
		Depth (I/D / O/D)	mm (inch)	236 (9-5/16) / 299 (11-25/32)		236 (9-5/16) / 320 (12-5/8)	
Weight	Net (I/D / O/D)	kg (lb)	12 (26) / 38 (84)		12 (26) / 43 (95)		
Piping	Pipe Diameter (Liquid / Gas)		mm (inch)	6.35 (1/4) / 12.70 (1/2)		6.35 (1/4) / 12.70 (1/2)	
	Standard Length		m (ft)	5.0 (16.4)		5.0 (16.4)	
	Length Range (min – max)		m (ft)	3 (9.8) ~ 20 (65.6)		3 (9.8) ~ 30 (98.4)	
	I/D & O/D Height Different		m (ft)	15.0 (49.2)		15.0 (49.2)	
	Additional Gas Amount		g/m (oz/ft)	10 (0.1)		15 (0.2)	
	Length for Additional Gas		m (ft)	7.5 (24.6)		7.5 (24.6)	
Drain Hose	Inner Diameter		mm	16.7		16.7	
	Length		mm	650		650	
Indoor Heat Exchanger	Fin Material		Aluminium (Pre Coat)		Aluminium (Pre Coat)		
	Fin Type		Slit Fin		Slit Fin		
	Row × Stage × FPI		2 × 17 × 21		2 × 17 × 21		
	Size (W × H × L)		mm	836.5 × 357 × 25.4		836.5 × 357 × 25.4	
Outdoor Heat Exchanger	Fin Material		Aluminium		Aluminium		
	Fin Type		Corrugated Fin (Pre Coat)		Corrugated Fin (Pre Coat)		
	Row × Stage × FPI		2 × 28 × 17		2 × 31 × 19		
	Size (W × H × L)		mm	36.4 × 588 × 856.3:827.7		36.4 × 651 × 854.5:824.5	
Air Filter	Material		Polypropelene		Polypropelene		
	Type		One-touch		One-touch		
Power Supply			Indoor		Indoor		
Power Supply Cord			Nil		Nil		
Thermostat			Electronic Contol		Electronic Contol		
Protection Device			Electronic Contol		Electronic Contol		
			Dry Bulb	Wet Bulb	Dry Bulb	Wet Bulb	
Indoor Operation Range	Cooling	Maximum °C (°F)	32 (89.6)	23 (73.4)	32 (89.6)	23 (73.4)	
		Minimum °C (°F)	16 (60.8)	11 (51.8)	16 (60.8)	11 (51.8)	
	Heating	Maximum °C (°F)	30 (86.0)	–	30 (86.0)	–	
		Minimum °C (°F)	16 (60.8)	–	16 (60.8)	–	
Outdoor Operation Range	Cooling	Maximum °C (°F)	43 (109.4)	26 (78.8)	43 (109.4)	26 (78.8)	
		Minimum °C (°F)	-20 (-40)	–	-20 (-40)	–	
	Heating	Maximum °C (°F)	24 (75.2)	18 (64.4)	24 (75.2)	18 (64.4)	
		Minimum °C (°F)	-15 (5.0)	–	-15 (5.0)	–	

- Cooling capacities are based on indoor temperature of 27°C Dry Bulb (80.6°F Dry Bulb), 19.0°C Wet Bulb (66.2°F Wet Bulb) and outdoor air temperature of 35°C DRY BULB (95°F Dry Bulb), 24°C Wet Bulb (75.2°F Wet Bulb).
- Heating capacities are based on indoor temperature of 20°C Dry Bulb (68°F Dry Bulb) and outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb).
- Heating low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor 2/1°C.
- Heating extreme low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor -7/-8°C.
- Standby power consumption ≤10.0w (when switched OFF by remote control, except under self protection control).
- Specifications are subjected to change without prior notice for further improvement.

<b>Indoor</b>		<b>Model</b>	<b>CS-Z71TKEA</b>			
		<b>POS (EAN)</b>	<b>5025232873371</b>			
<b>Outdoor</b>		<b>Model</b>	<b>CU-Z71TKEA</b>			
		<b>POS (EAN)</b>	<b>5025232873401</b>			
Performance Test Condition		EUROVENT				
Power Supply		Phase, Hz	Single, 50			
		V	230			
		Min.	Mid.	Max.		
Cooling	Capacity		kW	0.98	7.10	8.10
			BTU/h	3340	24200	27600
			kcal/h	840	6110	6970
	Running Current		A	–	9.90	–
	Input Power		W	420	2.24k	2.67k
	Annual Consumption			–	1120	–
	EER CLASS			–	B	–
	EER		W/W	2.33	3.17	3.03
			BTU/hW	7.95	10.80	10.34
			kcal/hW	2.00	2.73	2.61
	ErP	Pdesign		kW	7.1	
		SEER		(W/W)	6.1	
		Annual Consumption		kWh	407	
		Class			A++	
	Power Factor		%	–	98	–
	Indoor Noise (H / L / QLo)		dB-A	47 / 38 / 35		
			Power Level dB	63 / – / –		
	Outdoor Noise (H / L / QLo)		dB-A	52 / – / –		
			Power Level dB	66 / – / –		
	Heating	Capacity		kW	0.98	8.60
BTU/h				3340	29300	33800
kcal/h				840	7400	8510
Running Current		A	–	10.90	–	
Input Power		W	400	2.45k	2.85k	
COP CLASS			–	B	–	
COP		W/W	2.45	3.51	3.47	
		BTU/hW	8.35	11.96	11.86	
		kcal/hW	2.10	3.02	2.99	
ErP		Pdesign		kW	5.5	
		Tbivalent		°C	-10	
		SCOP		(W/W)	4.0	
		Annual Consumption		kWh	1925	
		Class			A+	
Power Factor		%	–	98	–	
Indoor Noise (H / L / QLo)		dB-A	47 / 38 / 35			
		Power Level dB	63 / – / –			
Outdoor Noise (H / L / QLo)		dB-A	54 / – / –			
		Power Level dB	68 / – / –			
Low Temp. : Capacity (kW) / I.Power (W) / COP				7.17 / 2.52k / 2.85		
Extr Low Temp. : Capacity (kW) / I.Power (W) / COP				6.13 / 2.48k / 2.47		
Max Current (A) / Max Input Power (W)				14.8 / 3.22k		
Starting Current (A)				10.90		

Indoor		Model		CS-Z71TKEA		
		POS (EAN)		5025232873371		
Outdoor		Model		CU-Z71TKEA		
		POS (EAN)		5025232873401		
Compressor	Type		Hermetic Motor / Rotary			
	Motor Type		Brushless (4-poles)			
	Output Power		W	1.70k		
Indoor Fan	Type		Cross-flow Fan			
	Material		ASG33			
	Motor Type		DC (8-poles)			
	Input Power		W	105.0		
	Output Power		W	40		
	Speed	QLo	Cool	rpm	800	
			Heat	rpm	860	
		Lo	Cool	rpm	850	
			Heat	rpm	960	
		Me	Cool	rpm	1020	
			Heat	rpm	1100	
		Hi	Cool	rpm	1200	
			Heat	rpm	1240	
		SHi	Cool	rpm	1250	
			Heat	rpm	1290	
Outdoor Fan		Type		Propeller Fan		
		Material		PP		
	Motor Type		DC (8-poles)			
	Input Power		W	-		
	Output Power		W	40		
	Speed	Hi	Cool	rpm	820	
			Heat	rpm	820	
Moisture Removal		L/h (Pt/h)		4.1 (8.7)		
Indoor Airflow	QLo	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	12.63 (446)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	13.76 (486)		
	Lo	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	13.57 (479)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	15.65 (553)		
	Me	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	16.79 (592)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	18.30 (646)		
	Hi	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	20.20 (715)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	21.00 (740)		
	SHi	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	21.13 (746)		
		Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	21.89 (773)		
	Outdoor Airflow	Hi	Cool	m <sup>3</sup> /min (ft <sup>3</sup> /min)	44.70 (1580)	
			Heat	m <sup>3</sup> /min (ft <sup>3</sup> /min)	44.70 (1580)	
Refrigerant Cycle	Control Device		Expansion Valve			
	Refrigerant Oil		cm <sup>3</sup>	FW50S (800)		
	Refrigerant Type		g (oz)	R32, 1.32k (46.6)		
F-Gas	GWP		675			
	CO2eq (ton) (Precharged Amount / Maximum Amount)		0.891 / 1.229			



<b>Indoor</b>			<b>Model</b>	<b>CS-Z71TKEA</b>
			<b>POS (EAN)</b>	<b>5025232873371</b>
<b>Outdoor</b>			<b>Model</b>	<b>CU-Z71TKEA</b>
			<b>POS (EAN)</b>	<b>5025232873401</b>
Dimension	Unit	Height (I/D / O/D)	mm (inch)	302 (11-29/32) / 695 (27-3/8)
		Width (I/D / O/D)	mm (inch)	1120 (44-1/8) / 875 (34-15/32)
		Depth (I/D / O/D)	mm (inch)	236 (9-5/16) / 320 (12-5/8)
Weight	Net (I/D / O/D)	kg (lb)	13 (29) / 49 (108)	
Piping	Pipe Diameter (Liquid / Gas)		mm (inch)	6.35 (1/4) / 15.88 (5/8)
	Standard Length		m (ft)	5.0 (16.4)
	Length Range (min – max)		m (ft)	3 (9.8) ~ 30 (98.4)
	I/D & O/D Height Different		m (ft)	20.0 (65.6)
	Additional Gas Amount		g/m (oz/ft)	25 (0.3)
	Length for Additional Gas		m (ft)	10 (32.8)
Drain Hose	Inner Diameter		mm	16.7
	Length		mm	650
Indoor Heat Exchanger	Fin Material		Aluminium (Pre Coat)	
	Fin Type		Slit Fin	
	Row × Stage × FPI		2 × 17 × 21	
	Size (W × H × L)		mm	836.5 × 357 × 25.4
Outdoor Heat Exchanger	Fin Material		Aluminium	
	Fin Type		Corrugated Fin (Pre Coat)	
	Row × Stage × FPI		2 × 31 × 19	
	Size (W × H × L)		mm	36.4 × 651 × 904.5:874.5
Air Filter	Material		Polypropelene	
	Type		One-touch	
Power Supply			Indoor	
Power Supply Cord			Nil	
Thermostat			Electronic Contol	
Protection Device			Electronic Contol	
			Dry Bulb	Wet Bulb
Indoor Operation Range	Cooling	Maximum °C (°F)	32 (89.6)	23 (73.4)
		Minimum °C (°F)	16 (60.8)	11 (51.8)
	Heating	Maximum °C (°F)	30 (86.0)	–
		Minimum °C (°F)	16 (60.8)	–
Outdoor Operation Range	Cooling	Maximum °C (°F)	43 (109.4)	26 (78.8)
		Minimum °C (°F)	-20 (-40)	–
	Heating	Maximum °C (°F)	24 (75.2)	18 (64.4)
		Minimum °C (°F)	-15 (5.0)	–

- Cooling capacities are based on indoor temperature of 27°C Dry Bulb (80.6°F Dry Bulb), 19.0°C Wet Bulb (66.2°F Wet Bulb) and outdoor air temperature of 35°C DRY BULB (95°F Dry Bulb), 24°C Wet Bulb (75.2°F Wet Bulb).
- Heating capacities are based on indoor temperature of 20°C Dry Bulb (68°F Dry Bulb) and outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb).
- Heating low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor 2/1°C.
- Heating extreme low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor -7/-8°C.
- Standby power consumption ≤10.0w (when switched OFF by remote control, except under self protection control).
- Specifications are subjected to change without prior notice for further improvement.