

# Specifications

## Single Inverter Split



Cooling  
Heating

Model	(50Hz)	CS-E7GKEW (CU-E7GKE)	CS-E9GKEW (CU-E9GKE)	CS-E12GKEW (CU-E12GKE)	CS-E15GKEW (CU-E15GKE)	CS-E18GKEW (CU-E18GKE)	CS-E21GKES (CU-E21GKE)	CS-E24GKES (CU-E24GKE)	CS-E28GKE (CU-E28GKE)	CS-TE9DKE (CU-TE9DKE)	CS-TE12DKE (CU-TE12DKE)
Cooling Capacity	kW	2.05 (0.70 - 2.40)	2.60 (0.80 - 3.00)	3.50 (0.80 - 4.00)	4.40 (0.90 - 5.00)	5.30 (0.90 - 6.00)	6.30 (0.90 - 7.10)	6.80 (0.90 - 8.10)	7.65 (0.90 - 8.60)	2.60 (0.60 - 3.00)	3.50 (0.60 - 4.00)
	kcal/h	1,760 (500 - 2,050)	2,240 (590 - 2,580)	3,010 (690 - 3,440)	3,780 (770 - 4,300)	4,560 (770 - 5,160)	5,420 (770 - 6,110)	5,850 (770 - 6,970)	6,580 (770 - 7,400)	2,240 (520 - 2,580)	3,010 (520 - 3,440)
EER	W/W	4.27	4.41	3.68	3.21	3.21	2.85	3.21	3.01	4.48	3.89
Heating Capacity	kW	2.80 (0.70 - 4.00)	3.60 (0.80 - 5.00)	4.80 (0.80 - 6.50)	5.50 (0.90 - 7.10)	6.60 (0.90 - 8.00)	7.20 (0.90 - 8.50)	8.60 (0.90 - 9.90)	9.60 (0.90 - 11.00)	3.60 (0.60 - 5.30)	4.80 (0.60 - 6.50)
	kcal/h	2,410 (500 - 3,440)	3,100 (590 - 4,300)	4,130 (690 - 5,590)	4,730 (770 - 6,110)	5,680 (770 - 6,880)	6,190 (770 - 7,310)	7,400 (770 - 8,510)	8,260 (770 - 9,460)	3,100 (520 - 4,560)	4,130 (520 - 5,590)
COP	W/W	4.31	4.31	3.75	3.50	3.69	3.43	3.23	2.91	4.26	3.64
Electrical Data											
Voltage	V	230	230	230	230	230	230	230	230	230	230
Running Current	A	2.3 3.1	2.8 3.9	4.4 5.9	6.3 7.1	7.5 8.1	9.9 9.3	9.7 12.1	11.8 15.3	2.7 3.9	4.2 6.2
Power Input	W	480 (170 - 590) 650 (160 - 1,020)	590 (175 - 750) 835 (165 - 1,340)	950 (185 - 1,200) 1,280 (175 - 1,910)	1,370 (215 - 1,600) 1,570 (245 - 2,250)	1,650 (215 - 2,050) 1,790 (245 - 2,650)	2,210 (215 - 2,540) 2,100 (245 - 2,750)	2,120 (350 - 2,700) 2,660 (360 - 3,200)	2,540 (350 - 2,950) 3,300 (360 - 3,790)	580 (120 - 720) 845 (115 - 1,360)	900 (120 - 1,160) 1,320 (115 - 1,880)
Noise	Sound Pressure Level Indoor (H/La/S-La) dB(A)	37/24/21 38/25/22	39/25/21 40/27/24	42/28/21 42/33/30	43/32/25 43/35/32	44/37/34 44/37/34	45/37/34 45/37/34	47/38/35 47/38/35	49/38/35 48/38/35	39/26/23 40/27/24	42/29/26 42/33/30
	Outdoor (H) dB(A)	45 46	46 47	48 50	46 46	47 47	48 49	52 52	53 53	46 47	48 50
	Sound Power Level* Indoor (H) dB	48 49	50 51	53 53	54 54	57 57	58 58	60 60	62 61	50 51	53 53
	Outdoor (H) dB	58 59	59 60	61 63	59 59	60 60	61 62	66 66	67 67	59 60	61 63
	Moisture Removal	L/h	1.3	1.6	2.0	2.4	2.9	3.5	3.9	4.5	1.5
External Static Pressure	Pa (mmAq)	-	-	-	-	-	-	-	-	-	-
Air Circulation (Indoor/H)	m <sup>3</sup> /min	9.8 10.3	10.4 11.0	11.2 11.7	11.0 11.8	15.2 16.7	16.2 17.3	16.9 18.3	17.7 18.7	9.2 10.5	9.9 10.9
Dimensions Indoor (Outdoor)											
Height	mm	280 (540)	280 (540)	280 (540)	280 (750)	275 (750)	275 (750)	275 (795)	275 (795)	298 (540)	298 (540)
Width	mm	799 (780)	799 (780)	799 (780)	799 (875)	998 (875)	998 (875)	998 (900)	998 (900)	799 (780)	799 (780)
Depth	mm	183 (289)	183 (289)	183 (289)	183 (345)	230 (345)	230 (345)	230 (320)	230 (320)	139 (289)	139 (289)
Net Weight Indoor (Outdoor)	kg	9 (33)	9 (34)	9 (35)	9 (48)	10 (48)	10 (49)	11 (67)	11 (70)	8 (33)	8 (34)
Refrigerant Pipe Diameter											
Liquid Side	mm Inch	6.35 1/4"	6.35 1/4"	6.35 1/4"	6.35 1/4"	6.35 1/4"	6.35 1/4"	6.35 1/4"	6.35 1/4"	6.35 1/4"	6.35 1/4"
Gas Side	mm Inch	9.52 3/8"	9.52 3/8"	9.52 3/8"	12.70 1/2"	12.70 1/2"	12.70 1/2"	15.88 5/8"	15.88 5/8"	9.52 3/8"	12.70 1/2"
Pipe Extension Minimum Pipe Length	m	3	3	3	3	3	3	3	3	3	3
Maximum Pipe Length**	m	15	15	15	15	20	20	30	30	15	15
Power Supply		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Indoor
Energy Saving Classification	Cooling Class	A	A	A	A	A	C	A	B	A	A
	Annual Energy Consumption kW	240	295	475	685	825	1,105	1,060	1,270	290	450
	Heating Class	A	A	A	B	A	B	C	D	A	A

### 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 cooling sound power level specification is based on EUROVENT Document 6/C/006-07.

\*\* Additional Gas might be required for some models.

# For models with the Air Purifying Filter, the specifications indicate values with the filter removed.

**Caution (Important)** Please do not use copper pipes which the thickness is less than 0.8mm.