



Include on the indoor unit

INTERNET CONTROL READY and EASY CONTROL by BMS: Optional only for E9 and E12.



Low Static Pressure Hide Away			2.5 kW	3.2 kW	5.0 kW
Indoor			CS-E9PD3EA	CS-E12QD3EAW	CS-ME18PD3EA
Cooling capacity	Nominal	kW / kCal/h	2.50 / 2,150	3.4 / 2,920	5.00 / 4,300
Heating capacity	Nominal	kW / kCal/h	3.20 / 2,752	4.00 / 3,440	6.80 / 5,850
Connection		mm ²	4 x 1.5 to 2.5	4 x 1.5 to 2.5	4 x 1.5
External static pressure ²	S-Hi / Hi / Me / Lo	Pa	110 / 60 / 30 / 20	80 / 50 / 25 / 10	34 / 78 (3.47 / 7.95)
Air volume	Cooling / Heating	m ³ /h	414 / 486	558 / 624	624 / 528 / 444
Sound pressure level ¹	Cooling (Hi / Lo / S-Lo)	dB(A)	33 / 27 / 24	34 / 27 / 24	27 / 30 / 41
	Heating (Hi / Lo / S-Lo)	dB(A)	35 / 28 / 25	36 / 28 / 25	29 / 32 / 41
Sound power level	Cooling (Hi)	dB	49	49	57
	Heating (Hi)	dB	51	51	57
Dimensions	H x W x D	mm	235 x 750 x 370	235 x 750 x 370	285 x 750 (+65) x 370
Net weight		kg	17	17	18
Piping connections	Liquid / Gas pipe	Inch (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Liquid / Gas pipe	Inch (mm)	3/8 (9.52)	3/8 (9.52)	1/2 (12.70)

Outdoor Units for Free Multi combinations



5 year compressor warranty



5 YEARS COMPRESSOR WARRANTY: Only for PRO partners.



Outdoor Unit //Inverter+			3.2 to 5.6 kW	3.2 to 6.4 kW	4.5 to 9.0 kW	4.5 to 11.0 kW	4.5 to 13.6 kW	4.5 to 17.5 kW
Unit			CU-2E15PBE	CU-2E18PBE	CU-3E18PBE	CU-4E23PBE	CU-4E27PBE	CU-5E34PBE
Cooling capacity	Nominal (Min - Max)	kW	4.50 (1.50 - 5.20)	5.20 (1.50 - 5.40)	5.20 (1.80-7.30)	6.80 (1.90 - 8.80)	8.00 (3.00 - 9.20)	10.00 (2.9 - 11.5)
	Nominal (Min - Max)	kCal/h	3,870 (1,290 - 4,470)	4,472 (1,290 - 4,644)	4,470 (1,548-6,278)	5,850 (1,630 - 7,570)	6,880 (2,580 - 7,912)	8,600 (2,494 - 9,890)
EER	Nominal	W/W	3.66 (6.00 - 3.42) A	3.42 (6.00 - 3.42) A	4.33 (5.00 - 3.35) A	4.05 (5.59 - 3.56) A	4.04 (5.66 - 3.21) A	3.5 (5.27 - 2.98) A
SEER	Nominal	W/W	6.50 A++	6.50 A++	7.00 A++	7.00 A++	7.00 A++	6.50 A++
Design (cooling)			4.50	5.20	5.20	6.80	8.00	10.00
Power input cooling	Nominal (Min - Max)	kW	1.230 (0.250 - 1.520)	1.490 (0.250 - 1.540)	1.210 (0.360-2.180)	1.680 (0.340 - 2.470)	1.980 (0.530 - 2.870)	2.860 (0.550 - 3.860)
Annual electricity consumption (cooling)		kWh	242	280	260	340	400	538
Heating capacity	Nominal (Min - Max)	kWh/a	5.40 (1.10 - 7.00)	5.60 (1.10 - 7.20)	6.80 (1.60-8.30)	8.50 (3.00 - 10.60)	9.40 (4.20 - 10.60)	12.00 (3.40 - 14.50)
	Nominal (Min - Max)	kCal/h	4,640 (950 - 6,020)	4,820 (950 - 6,190)	5,850 (1,200-7,140)	7,130 (2,580 - 9,120)	8,084 (3,612 - 9,116)	10,320 (2,924 - 12,470)
Heating capacity at -7°C	Nominal	kW	3.54	3.65	4.90	6.05	7.08	8.85
COP	Nominal	W/W	4.62 (5.24 - 4.19) A	4.63 (4.24 - 5.24) A	4.69 (3.93 - 5.00) A	4.47 (4.08 - 5.17) A	4.52 (6.00 - 3.46) A	4.20 (6.42 - 3.42) A
SCOP	Nominal	W/W	4.00 A+	4.00 A+	4.00 A+	4.00 A+	4.00 A+	4.00 A+
Design at -10°C			4.00	3.80	4.80	5.50	8.00	10.00
Power input heating	Nominal (Min - Max)	kW	1.170 (0.210 - 1.670)	1.300 (0.240 - 1.700)	1.450 (0.320 - 2.110)	1.850 (0.580 - 2.600)	2.080 (0.700 - 3.060)	2.860 (0.530 - 4.240)
Annual electricity consumption (heating)		kWh/a	1,400	1,330	1,680	1,925	2,800	3,500
Current	Cooling	A	5.75	7.10	5.30	7.50	9.40	13.20
	Heating	A	5.20	5.35	6.70	8.80	9.80	13.40
Power source		V	230	230	230	230	230	230
Recommended fuse		A	16	16	16	20	20	25
Recommended power cable section		mm ²	1.5	1.5	2.5	2.5	2.5	3.5
Sound pressure level ¹	Cooling / Heating (Hi)	dB(A)	47 / 49	49 / 51	46 / 47	48 / 49	51 / 52	53 / 54
	Cooling / Heating (Hi)	dB	62 / 64	64 / 66	60 / 61	62 / 63	67 / 68	69 / 70
Dimensions	H x W x D	mm	619 x 824 +70 x 299	619 x 824 x 229	795 x 875 (+95) x 320	795 x 875 (+95) x 320	999 x 940 x 340	999 x 940 x 340
Net weight		kg	39	39	71	72	80	81
Piping connections	Liquid pipe	inch (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Gas pipe	inch (mm)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
Refrigerant loading	R410A	kg	1.40	1.40	2.64	3.4	3.4	3.4
Elevation diff. (in/out)	Max	m	10	10	15	15	15	15
Piping length total	Min / Max	m	3 / 30	3 / 30	3 / 50	60	80	80
Piping length to one unit	Min / Max	m	3 / 20	3 / 20	3 / 25	3 / 25	3 / 25	3 / 25
Precharge length		m (Max)	20	20	30	30	45	45
Additional charge		g/m	15	15	20	20	20	20
Operating range	Cooling Min/Max	°C	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46
	Heating Min/Max	°C	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24

For detailed information about ErP, please visit our page <http://www.ptc.panasonic.eu>