

SEZ-KD Inverter Heat Pump

Ceiling Concealed Ducted System

Designed for offices, restaurants and shops, the SEZ-KD series operates at low noise levels. Its low unit height and lightweight design also help to make installation easier and more convenient.



SEZ-KD-VAQ - INDOOR UNITS		SEZ-KD25VAQ	SEZ-KD35VAQ	SEZ-KD50VAQ	SEZ-KD60VAQ	SEZ-KD71VAQ
CAPACITY (kW)	Heating (nominal)	2.9 (1.3-4.5)	4.2 (1.7-5.0)	6.4 (1.7-7.2)	7.4 (2.5-8.0)	8.1 (2.6-10.4)
	Cooling (nominal)	2.5 (1.5-3.2)	3.5 (1.4-3.9)	5.1 (2.3-5.6)	5.6 (2.3-6.3)	7.1 (2.8-8.3)
	Heating (UK)	2.47 (1.11-3.83)	3.57 (1.45-4.25)	5.44 (1.45-6.12)	6.29 (2.13-6.80)	6.89 (2.21-8.84)
	Cooling (UK)	2.30 (1.38-2.94)	3.22 (1.29-3.59)	4.69 (2.12-5.15)	5.15 (2.12-5.80)	6.53 (2.58-7.64)
SHF (nominal & UK)		0.8	0.78	0.78	0.79	0.74
COP / EER (nominal)		3.61 / 3.42	3.72 / 3.47	3.56 / 3.23	3.36 / 3.22	3.57 / 3.21
SCOP / SEER (BS EN14825)		3.8 / 5.2	4.0 / 5.6	3.9 / 5.7	4.1 / 5.2	3.8 / 5.2
ErP ENERGY EFFICIENCY CLASS		A / A	A+ / A+	A / A+	A+ / A	A / A
AIRFLOW (m³/min)		6-7-9	7-9-11	10-13-15	12-15-18	12-16-20
PIPE SIZE mm (in)	Lo-Mi-Hi	6-7-9	7-9-11	10-13-15	12-15-18	12-16-20
	Gas	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")
EXTERNAL STATIC PRESSURE (Pa)		5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50	5-15-35-50
SOUND PRESSURE LEVEL (dBA) Lo-Mi-Hi		22-25-29	23-28-33	29-33-36	29-33-37	29-34-39
SOUND POWER LEVEL (dBA)		50	53	57	58	60
DIMENSIONS (mm) Width x Depth x Height		790 x 700 x 200	990 x 700 x 200	990 x 700 x 200	1190 x 700 x 200	1190 x 700 x 200
WEIGHT (kg)		18	21	23	27	27
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6
INTERCONNECTING CABLE No. Cores		4	4	4	4	4

SUZ-KA-VA4 - OUTDOOR UNITS		SUZ-KA25VA4	SUZ-KA35VA4	SUZ-KA50VA4	SUZ-KA60VA4	SUZ-KA71VA4
SOUND PRESSURE LEVEL (dBA) Heating/Cooling		48 / 47	50 / 49	52 / 52	55 / 55	55 / 55
SOUND POWER LEVEL (dBA) Heating/Cooling		58	62	65	65	69
WEIGHT (kg)		30	35	54	50	53
DIMENSIONS (mm) Width x Depth x Height		800 x 285 x 550	800 x 285 x 550	840 x 330 x 880	840 x 330 x 880	840 x 330 x 880
ELECTRICAL SUPPLY		220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	0.80 / 0.73	1.13 / 1.01	1.80 / 1.58	2.20 / 1.74	2.27 / 2.21
	Heating/Cooling (UK)	0.71 / 0.62	1.01 / 0.86	1.60 / 1.34	1.96 / 1.48	2.02 / 1.88
STARTING CURRENT (A)		3.8	5.2	8.2	9.1	10.5
SYSTEM RUNNING CURRENT (A) Heating/Cooling [MAX]		3.50 / 3.80 [7.4]	4.80 / 5.20 [8.7]	7.40 / 8.20 [12.7]	7.90 / 9.10 [14.7]	10.50 / 9.70 [17.0]
FUSE RATING (BS88) - HRC (A)		10	10	20	20	20
MAINS CABLE No. Cores		3	3	3	3	3
MAX PIPE LENGTH (m)		20	20	30	30	30
MAX HEIGHT DIFFERENCE (m)		12	12	30	30	30
CHARGE R410A (kg) - 7m		0.80	1.15	1.45	1.55	1.90

Accessories

System Control Units

MAC-333IF

Interface for group control, run fault and connection to M-NET System for SEZ-KD25-71VAQ

MAC-397IF

Interface for group control and run/fault SEZ-KD25-71VAQ

PAC-SA89TA

Remote on/off adaptor

PAC-SA88HA

Run/fault adapter

PAC-SE41TS

Remote sensor

MAC-557IF

MELCloud WiFi interface

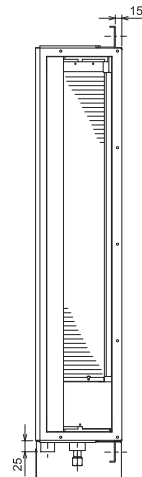
PAR-31MAA

Remote controller

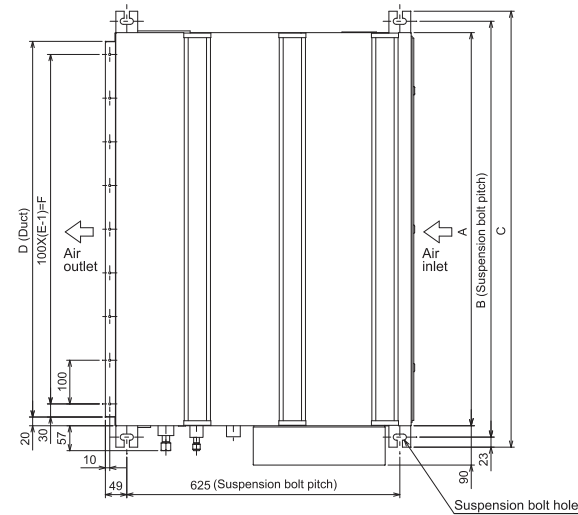
Product Dimensions

SEZ-KD25/35/50/60/71VAQ

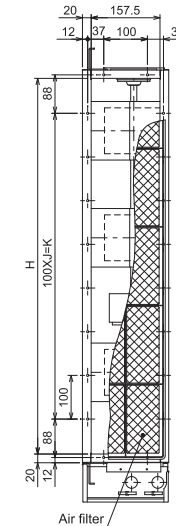
Front View



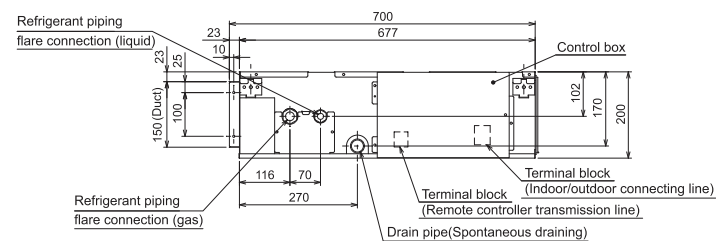
Upper View



Back View



Side View



Model	A	B	C	D	E	F	G	H	J	K	L
SEZ-KD25VAQ	700	752	798	660	7	600	800	660	5	500	16
SEZ-KD35VAQ	900	952	998	860	9	800	1000	860	7	700	20
SEZ-KD50VAQ	1100	1152	1198	1060	11	1000	1200	1060	9	900	24

Note: additional accessories are available, please see the Optional Extras page at the end of this section for the full range.