

SEZ SERIES

R32
R410A

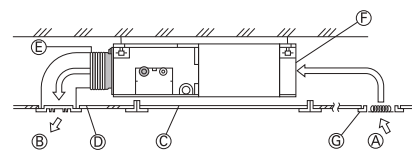
SEZ-M25-71DA(L)



This concealed ceiling-mounted indoor unit series is compact, and fits easily into rooms with lowered ceilings. Highly reliable energy-saving performance makes it a best match choice for concealed unit installations.

Compact Ceiling-concealed Units

Only the intake-air grille and outlet vents are visible when using this ceiling-concealed indoor unit. The rest of the unit is conveniently hidden in the ceiling cavity, essentially leaving the ceiling and walls free of bulky looking devices and maintaining a high-class interior décor. The compact units require minimal space and can be installed in buildings with lowered ceilings, where exposed units were the rule in the past.



- Ⓐ Air inlet
- Ⓑ Air outlet
- Ⓒ Access door
- Ⓓ Ceiling surface
- Ⓔ Canvas duct
- Ⓕ Air filter
- Ⓖ Inlet grille

Selection of Fan Speeds and Static Pressure Levels

DC fan motor settings have been increased to accommodate more application needs. Three fan speed settings (Low, Medium and High) and four static pressure levels (5, 15, 35 and 50Pa) are now available.

SEZ-M25-71DA(L)

5/15/35/50 Pa

Four Levels Available for All Models

We've lowered the minimum static pressure level, resulting in less room noise when the optimum static pressure is selected.

| SPL (Low Fan Mode) | |
|--------------------------|-------|
| SEZ-M | |
| External Static Pressure | 15 Pa |
| 35 | 23dB |
| 50 | 30dB |
| 60 | 30dB |
| 71 | 30dB |

Drain Pump (Optional)

The PAC-KE07DM-E drain pump is now available as an option.

With the pump, a drain hose length of up to 550mm can be used, adding to increased installation possibilities.

SEZ-M SERIES



Indoor Unit



SEZ-M25/35/50/60/71DA (Requires Wired Remote Controller)
SEZ-M25/35/50/60/71DAL (Wireless Remote Controller is enclosed)

Outdoor Unit



Remote Controller



| Type | | Inverter Heat Pump | | | | | | | |
|--------------------------------------|----------------------------------|---------------------------------|--------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| Indoor Unit | | SEZ-M25DA | SEZ-M35DA | SEZ-M50DA | SEZ-M60DA | SEZ-M71DA | | | |
| Outdoor Unit | | SUZ-M25VA | SUZ-M35VA | SUZ-M50VA | SUZ-M60VA | SUZ-M71VA | | | |
| Refrigerant | | R32*1 | | | | | | | |
| Power Supply | | Outdoor power supply | | | | | | | |
| Source | | 230 / Single / 50 | | | | | | | |
| Outdoor (V/Phase/Hz) | | | | | | | | | |
| Cooling | Capacity | Rated | kW | 2.5 | 3.5 | 5.0 | 6.1 | 7.1 | |
| | | Min - Max | kW | 1.4 - 3.2 | 0.7 - 3.9 | 1.1 - 5.6 | 1.6 - 6.3 | 2.2 - 8.1 | |
| | Total Input | Rated | kW | 0.71 | 1.00 | 1.54 | 1.84 | 2.15 | |
| | Design Load | | kW | 2.5 | 3.5 | 5.0 | 6.1 | 7.1 | |
| | Annual Electricity Consumption*2 | | kWh/a | 165 | 207 | 290 | 386 | 452 | |
| | SEER*3 | | | 5.3 | 5.9 | 6.0 | 5.5 | 5.5 | |
| | | Energy Efficiency Class | | A | A+ | A+ | A | A | |
| Heating (Average Season) | Capacity | Rated | kW | 2.9 | 4.2 | 6.0 | 7.4 | 8.0 | |
| | | Min - Max | kW | 1.3 - 4.2 | 1.1 - 5.0 | 1.5 - 7.2 | 1.6 - 8.0 | 2.0 - 10.2 | |
| | Total Input | Rated | kW | 0.80 | 1.07 | 1.61 | 2.04 | 2.28 | |
| | Design Load | | kW | 2.2 | 2.6 | 4.3 | 4.6 | 5.8 | |
| | Declared Capacity | at reference design temperature | kW | 2.0 (-10°C) | 2.3 (-10°C) | 3.8 (-10°C) | 4.1 (-10°C) | 5.2 (-10°C) | |
| | | at bivalent temperature | kW | 2.0 (-7°C) | 2.3 (-7°C) | 3.8 (-7°C) | 4.1 (-7°C) | 5.2 (-7°C) | |
| | | at operation limit temperature | kW | 2.0 (-10°C) | 2.3 (-10°C) | 3.8 (-10°C) | 4.1 (-10°C) | 5.2 (-10°C) | |
| | Back Up Heating Capacity | | kW | 0.2 | 0.3 | 0.5 | 0.5 | 0.6 | |
| Annual Electricity Consumption*2 | | kWh/a | 807 | 884 | 1499 | 1525 | 2072 | | |
| SCOP*3 | | | 3.8 | 4.1 | 4.0 | 4.2 | 3.9 | | |
| | | Energy Efficiency Class | | A | A+ | A+ | A+ | A | |
| Operating Current (max) | | | A | 7.2 | 9.0 | 14.2 | 15.5 | 15.7 | |
| Indoor Unit | Input | Rated | kW | 0.04 | 0.05 | 0.07 | 0.07 | 0.10 | |
| | Operating Current (max) | | A | 0.40 | 0.50 | 0.70 | 0.70 | 0.90 | |
| | Dimensions <Panel> | H x W x D | mm | 200 - 790 - 700 | 200 - 990 - 700 | 200 - 990 - 700 | 200 - 1190 - 700 | 200 - 1190 - 700 | |
| | Weight <Panel> | | kg | 18 | 21 | 23 | 27 | 27 | |
| | Air Volume [Lo-Mid-Hi] | | m³/min | 6 - 7 - 9 | 7 - 9 - 11 | 10 - 13 - 15 | 12 - 15 - 18 | 12 - 16 - 20 | |
| | 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 Level (SPL) [Lo-Mid-Hi] | | dB(A) | 22 - 25 - 29 | 23 - 28 - 33 | 29 - 33 - 36 | 29 - 33 - 37 | 29 - 34 - 39 | |
| | Sound Level (PWL) | | dB(A) | 50 | 53 | 57 | 58 | 60 | |
| | Outdoor Unit | Dimensions | H x W x D | mm | 550 - 800 - 285 | 550 - 800 - 285 | 714 - 800 - 285 | 880 - 840 - 330 | 880 - 840 - 330 |
| | | Weight | | kg | 30 | 35 | 41 | 54 | 55 |
| Air Volume | | Cooling | | m³/min | 36.3 | 34.3 | 45.8 | 50.1 | 50.1 |
| | | Heating | | m³/min | 34.6 | 32.7 | 43.7 | 50.1 | 50.1 |
| Sound Level (SPL) | | Cooling | | dB(A) | 45 | 48 | 48 | 49 | 49 |
| | | Heating | | dB(A) | 46 | 48 | 49 | 51 | 51 |
| Sound Level (PWL) | | Cooling | | dB(A) | 59 | 59 | 64 | 65 | 66 |
| Operating Current (max) | | | A | 6.8 | 8.5 | 13.5 | 14.8 | 14.8 | |
| Breaker Size | | | A | 10 | 10 | 20 | 20 | 20 | |
| Ext. Piping | | Diameter | Liquid / Gas | mm | 6.35 / 9.52 | 6.35 / 9.52 | 6.35 / 12.7 | 6.35 / 15.88 | 9.52 / 15.88 |
| | Max. Length | Out-In | m | 20 | 20 | 30 | 30 | 30 | |
| | Max. Height | Out-In | m | 12 | 12 | 30 | 30 | 30 | |
| Guaranteed Operating Range [Outdoor] | Cooling | | °C | -10 ~ +46 | -10 ~ +46 | -15 ~ +46 | -15 ~ +46 | -15 ~ +46 | |
| | Heating | | °C | -10 ~ +24 | -10 ~ +24 | -10 ~ +24 | -10 ~ +24 | -10 ~ +24 | |

*1 Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R410A is 2088 in the IPCC 4th Assessment Report.

*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

*3 SEER/SCOP are measured at ESP 35Pa.