



| PEA-GAA Series (Ceiling Concealed) | | | | | | | | | | | | |
|--------------------------------------|-------------------------------|-----------------------------|-----------------------------------|---|-----------------------------------|---|-----------------------------------|---|-----------------------------------|---|---|--|
| Indoor Unit | | PEA-M100GAA | | | PEA-M125GAA | | | PEA-M140GAA | | | | |
| Outdoor Unit | | PUZ-M 100VKA-A | PUZ-ZM 100VKA-A | PUZ-ZM 100YKA2-A | PUZ-M 125VKA-A | PUZ-ZM 125VKA-A | PUZ-ZM 125YKA-A | PUZ-M 140VKA-A | PUZ-ZM 140VKA-A | PUZ-ZM 140YKA-A | | |
| Refrigerant | | R32 | | | | | | | | | | |
| Power Supply (V, Phase, Hz) | | Outdoor power supply | | | | | | | | | | |
| | | Source | | Outdoor power supply | | | | | | | | |
| | | Outdoor | V: 230V, Single-phase, 50Hz | V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz | V: 230V, Single-phase, 50Hz | V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz | V: 230V, Single-phase, 50Hz | V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz | V: 230V, Single-phase, 50Hz | V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz | V: 230V, Single-phase, 50Hz Y: 400V, Three-phase, 50Hz | |
| Indoor | | - | | | | | | | | | | |
| Cooling | Capacity [Min-Rated*4-Max] | kW | 4.00 - 10.00 - 10.60 | 4.90 - 10.00 - 11.40 | 4.90 - 10.00 - 11.40 | 6.00 - 12.00 - 13.50 | 5.50 - 12.50 - 14.00 | 5.50 - 12.50 - 14.00 | 6.20 - 14.00 - 15.30 | 6.20 - 14.00 - 15.30 | 6.20 - 14.00 - 15.30 | |
| | Total Input [Rated]*4 | kW | 3.08 | 2.39 | 2.39 | 3.81 | 3.52 | 3.52 | 4.22 | 4.10 | 4.10 | |
| | AEER/EER | | 3.24/3.12 | 4.01/4.18 | 3.93/4.18 | 3.14/3.04 | 3.45/3.55 | 3.40/3.55 | 3.31/3.22 | 3.33/3.41 | 3.29/3.41 | |
| | AEER [Part-Load %]*1 | | 4.40 | - | - | 3.83 | - | - | - | - | - | |
| | Running Current [Rated]*4 | A | 14.50 | 11.30 | 4.05 | 18.50 | 16.00 | 5.20 | 20.40 | 18.70 | 6.10 | |
| | Sound Pressure Level*2 | In (Lo-Mid-Hi) Out (PWL) | dB(A) | 33 - 38 - 42 | 39 - 42 | 39 - 42 | 42 - 45 | 42 - 45 | 42 - 45 | 42 - 45 | 42 - 45 | |
| Air Volume (In) Lo-Mid-Hi | L/S | | 52 (71) | 49 (69) | 49 (69) | 54 (72) | 50 (70) | 50 (70) | 53 (71) | 50 (70) | 50 (70) | |
| Air Volume (In) Lo-Mid-Hi | | L/S | 567 - 700 | | | 800 - 1000 | | | | | | |
| Heating | Capacity [Min-Rated*5-Max] | kW | 2.80 - 12.50 - 12.50 | 4.50 - 11.20 - 14.00 | 4.50 - 11.20 - 14.00 | 4.10 - 14.00 - 15.50 | 5.00 - 14.00 - 16.00 | 5.00 - 14.00 - 16.00 | 5.70 - 16.00 - 18.00 | 5.70 - 16.00 - 18.00 | 5.70 - 16.00 - 18.00 | |
| | Total Input [Rated]*5 | kW | 3.36 | 2.51 | 2.51 | 3.54 | 3.27 | 3.27 | 4.20 | 3.90 | 3.90 | |
| | ACOP/COP | | 3.72/3.58 | 4.28/4.46 | 4.21/4.46 | 3.95/3.81 | 4.15/4.28 | 4.09/4.28 | 3.80/3.69 | 3.99/4.10 | 3.95/4.10 | |
| | Running Current [Rated]*5 | A | 15.80 | 11.50 | 4.26 | 17.30 | 15.40 | 5.40 | 20.30 | 17.70 | 6.20 | |
| | Sound Pressure Level*2 | In (Lo-Mid-Hi) Out (PWL) | dB(A) | 39 - 42 | 39 - 42 | 39 - 42 | 42 - 45 | 42 - 45 | 42 - 45 | 42 - 45 | 42 - 45 | |
| Air Volume (In) Lo-Mid-Hi | L/S | | 54 (72) | 51 (69) | 51 (69) | 56 (74) | 52 (70) | 52 (70) | 54 (72) | 52 (71) | 52 (71) | |
| Air Volume (In) Lo-Mid-Hi | | L/S | 567 - 700 | | | 800 - 1000 | | | | | | |
| Max. Running Current | | A | 23.28 | 30.78 | 14.78 | 29.78 | 31.86 | 15.86 | 30.86 | 32.86 | 15.86 | |
| Indoor Unit | Input [Rated] | kW | 0.21/0.21 | | | 0.49/0.49 | | | | | | |
| | Dimensions [HxWxD] | mm | 400 x 1400 x 634 | | | | | | | | | |
| | Weight | kg | 63.0 | | | | | | | | | |
| | Static Pressure | Pa | 50/100/150 | | | | | | | | | |
| Outdoor Unit | Dimensions [HxWxD] | mm | 981 x 1050 x 330 (+40) | 1338 x 1050 x 330 (+40) | | 981 x 1050 x 330 (+40) | 1338 x 1050 x 330 (+40) | | | | | |
| | Weight | kg | 76.0 | 113.0 | 114.0 | 84.0 | 113.0 | 114.0 | 99.0 | 113.0 | 114.0 | |
| | Breaker Size | A | 32 | 32 | 16 | 32 | 32 | 16 | 40 | 40 | 16 | |
| Ext. Piping | Diameter [Liquid/Gas] | mm | ø9.52/ø15.88 | | | | | | | | | |
| | Max. Length/Height | m | 55/30 | 75/30 | | 55/30 | 75/30 | | 55/30 | 75/30 | | |
| Guaranteed Operating Range [Outdoor] | Cooling*3 | °C | -5 (-15) ~ 46 | -5 (-15) ~ 52 | | -5 (-15) ~ 46 | -5 (-15) ~ 52 | | -5 (-15) ~ 46 | -5 (-15) ~ 52 | | |
| | Heating | °C | -15 ~ 21 | -20 ~ 21 | | -15 ~ 21 | -20 ~ 21 | | -15 ~ 21 | -20 ~ 21 | | |
| Supply Air Duct | | mm | 921 x 250 | | | | | | | | | |
| Return Air Duct | | mm | 1102 x 330 | | | | | | | | | |
| Pre-Charge Refrigerant | | kg | 3.1 (30m) | 4.0 (30m) | | 3.6 (30m) | 4.0 (30m) | | 4.0 (55m) | 4.0 (30m) | | |
| Additional Refrigerant | | g/m | 20 | 60 | | 20 | 60 | | - | 60 | | |

Notes:

- *1 MEPS compliant at part-load.
- *2 Sound pressure level for PEA-M125/140 are measured in anechoic chamber at ESP50 Pa.
- *3 With the optional air protection guide, the operation at -15°C outdoor temperature is possible.

Rating Conditions:

- *4 Cooling: Indoor 27°C, D.B./19°C, W.B.
Outdoor 35°C, D.B./24°C, W.B.
- *5 Heating: Indoor 20°C, D.B./15°C, W.B.
Outdoor 7°C, D.B./6°C, W.B.