

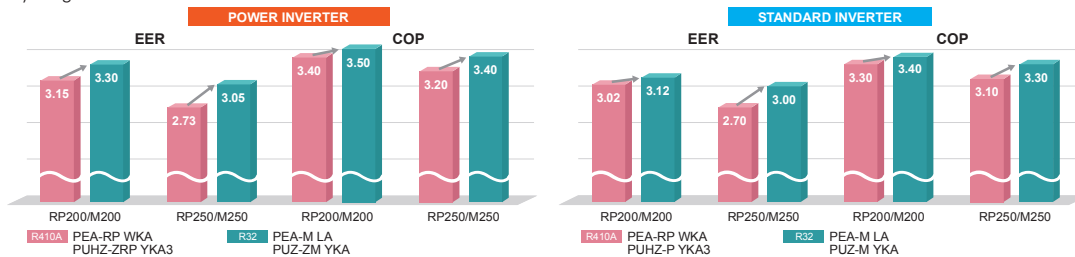
PEA SERIES



The PEA Series is a large capacity ceiling-concealed type indoor units which are visually discreet blending into various environments. The new R32 refrigerant lineup realizes improved energy efficiency with a patented fan called a Turbo In Sirocco fan. A wider option of external static pressure up to 200Pa allows authentic ducted air-conditioning with an elegant interior layout.

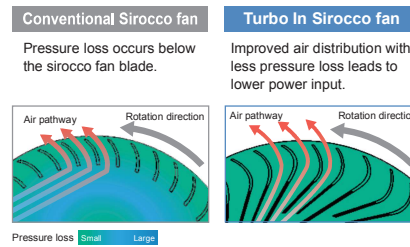
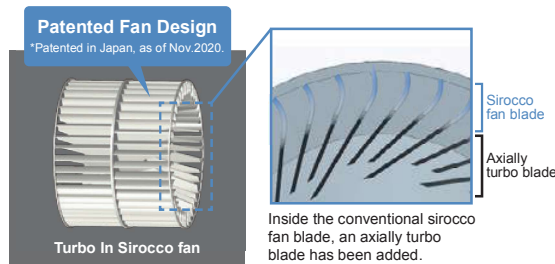
Improved Energy Efficiency

Introduction of new R32 refrigerant with newly designed fan reduces energy consumption and have resulted in higher energy savings for all capacity ranges.



Low input with New Fan Design

The new PEA series applies a newly designed fan; a Turbo In Sirocco fan which realizes high efficiency with a lower power input. The new design is Mitsubishi Electric's patented technology with a combination of turbo fan inside the sirocco fan.



Wide range of external static pressure allows flexible duct design

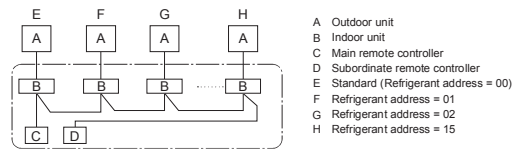
200Pa setting is newly added enabling total of five static pressure level. The ability to select additional static pressure enables long duct and more freedom in design.

PEA-M200/250LA <60>/75/<100>/<150>/<200> Pa

The factory setting of external static pressure is shown without brackets (<>). Refer to "Fan characteristics curves" according to the external static pressure, in the DATA BOOK for the usable range of airflow rate.

PAR-40MAA Group Control

The PAR-40MAA remote controller can control up to 16 systems as a group, and is ideal for supporting the integrated management of building air conditioners.



| LINE-UP | | |
|--|---|--|
| Indoor Unit PEA-M200/250LA | Outdoor Unit <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Power Inverter Series PUHZ-ZRP200/250 </div> <div style="text-align: center;"> Standard Inverter Series PUHZ-P200/250 </div> </div> <hr/> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Power Inverter Series PUZ-ZM200/250 </div> <div style="text-align: center;"> Standard Inverter Series PUZ-M200/250 </div> </div> | Remote Controller Optional |

PEA-M SERIES

POWER INVERTER



| Type | | | | Inverter Heat Pump | | | | |
|--------------------------------------|-------------------------------|-------------------------|---------------------|-----------------------------------|-------------------------|-----------------------------|----------------------|----------------------|
| Indoor Unit | | | | PEA-M200LA | | | | |
| Outdoor Unit | | | | PUZ-ZM200YKA | | | | |
| Refrigerant | | | | R32*1 | | | | |
| Power Supply | | Source | | Separate power supply | | | | |
| Outdoor (V/Phase/Hz) | | | | 400 / Three / 50 | | | | |
| Cooling | Capacity | Rated | kW | 19.0 | 22.0 | | | |
| | | Min - Max | kW | 9.2 - 22.4 | 9.9 - 27.0 | | | |
| | Total Input | Rated | kW | 5.757 | 7.213 | | | |
| | EER | | | 3.30 | 3.05 | | | |
| | | EEL Rank | | - | - | | | |
| Heating (Average Season) | Capacity | Rated | kW | 22.4 | 27.0 | | | |
| | | Min - Max | kW | 7.1 - 25.0 | 7.3 - 31.0 | | | |
| | Total Input | Rated | kW | 6.400 | 7.941 | | | |
| | COP | | | 3.50 | 3.40 | | | |
| | | EEL Rank | | - | - | | | |
| Operating Current (max) | | | | 25.7 | 25.9 | | | |
| Indoor Unit | Input (Cooling / Heating) | Rated | kW | 0.35 / 0.35 | 0.53 / 0.53 | | | |
| | Operating Current (max) | | A | 3.1 | 3.4 | | | |
| | Dimensions | H x W x D | mm | 470 - 1370 - 1120 | | | | |
| | Weight | | kg | 87 | | | | |
| | Air Volume [Lo-Mid-Hi] | | m ³ /min | 42 - 51 - 60 (60Pa - 150Pa) | 42 - 51 - 55 (200Pa) | 50 - 61 - 72 (60Pa - 100Pa) | 45 - 55 - 65 (150Pa) | 45 - 50 - 55 (200Pa) |
| | External Static Pressure | | Pa | (60) / 75 / (100) / (150) / (200) | | | | |
| | Sound Level (SPL) [Lo-Mid-Hi] | | dB(A) | 35 - 40 - 43 | | 38 - 43 - 47 | | |
| | Sound Level (PWL) | | dB(A) | 63 - 64 - 64 | | 67 - 67 - 68 | | |
| | Outdoor Unit | Dimensions | H x W x D | mm | 1338 - 1050 - 330 (+40) | | | |
| | | Weight | | kg | 137 | | 138 | |
| Air Volume | | Cooling | m ³ /min | 140 | | 140 | | |
| | | Heating | m ³ /min | 140 | | 140 | | |
| Sound Level (SPL) | | Cooling | dB(A) | 59 | | 59 | | |
| | | Heating | dB(A) | 62 | | 62 | | |
| Sound Level (PWL) | | Cooling | dB(A) | 77 | | 77 | | |
| | | Operating Current (max) | | A | 22.5 | | 22.5 | |
| Breaker Size | | | A | 32 | | 32 | | |
| Ext. Piping | | Diameter | Liquid / Gas | mm | 9.52 / 25.4 | | 12.7 / 25.4 | |
| | Max. Length | Out-In | m | 100 | | 100 | | |
| | Max. Height | Out-In | m | 30 | | 30 | | |
| Guaranteed Operating Range [Outdoor] | Cooling*2 | | °C | -15 ~ +46 | | -15 ~ +46 | | |
| | Heating | | °C | -20 ~ +21 | | -20 ~ +21 | | |

*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.

*2 Optional air protection guide is required where ambient temperature is lower than -5°C.

PEA-M SERIES

STANDARD INVERTER



| Type | | | | Inverter Heat Pump | | | | |
|--------------------------------------|-------------------------------|-------------------------|---------------------|-----------------------------------|-------------------------|-----------------------------|----------------------|----------------------|
| Indoor Unit | | | | PEA-M200LA | | | | |
| Outdoor Unit | | | | PUZ-ZM200YKA | | | | |
| Refrigerant | | | | R32*1 | | | | |
| Power Supply | | Source | | Separate power supply | | | | |
| Outdoor (V/Phase/Hz) | | | | 400 / Three / 50 | | | | |
| Cooling | Capacity | Rated | kW | 19.0 | 22.0 | | | |
| | | Min - Max | kW | 9.2 - 22.4 | 9.9 - 27.0 | | | |
| | Total Input | Rated | kW | 6.089 | 7.333 | | | |
| | EER | | | 3.12 | 3.00 | | | |
| | | EEL Rank | | - | - | | | |
| Heating (Average Season) | Capacity | Rated | kW | 22.4 | 27.0 | | | |
| | | Min - Max | kW | 6.8 - 25.0 | 7.3 - 31.0 | | | |
| | Total Input | Rated | kW | 6.588 | 8.181 | | | |
| | COP | | | 3.40 | 3.30 | | | |
| | | EEL Rank | | - | - | | | |
| Operating Current (max) | | | | 25.7 | 25.9 | | | |
| Indoor Unit | Input (Cooling / Heating) | Rated | kW | 0.35 / 0.35 | 0.53 / 0.53 | | | |
| | Operating Current (max) | | A | 3.1 | 3.4 | | | |
| | Dimensions | H x W x D | mm | 470 - 1370 - 1120 | | | | |
| | Weight | | kg | 87 | | | | |
| | Air Volume [Lo-Mid-Hi] | | m ³ /min | 42 - 51 - 60 (60Pa - 150Pa) | 42 - 51 - 55 (200Pa) | 50 - 61 - 72 (60Pa - 100Pa) | 45 - 55 - 65 (150Pa) | 45 - 50 - 55 (200Pa) |
| | External Static Pressure | | Pa | (60) / 75 / (100) / (150) / (200) | | | | |
| | Sound Level (SPL) [Lo-Mid-Hi] | | dB(A) | 35 - 40 - 43 | | 38 - 43 - 47 | | |
| | Sound Level (PWL) | | dB(A) | 63 - 64 - 64 | | 67 - 67 - 68 | | |
| | Outdoor Unit | Dimensions | H x W x D | mm | 1338 - 1050 - 330 (+40) | | | |
| | | Weight | | kg | 129 | | 138 | |
| Air Volume | | Cooling | m ³ /min | 140 | | 140 | | |
| | | Heating | m ³ /min | 140 | | 140 | | |
| Sound Level (SPL) | | Cooling | dB(A) | 58 | | 59 | | |
| | | Heating | dB(A) | 60 | | 62 | | |
| Sound Level (PWL) | | Cooling | dB(A) | 78 | | 77 | | |
| | | Operating Current (max) | | A | 22.5 | | 22.5 | |
| Breaker Size | | | A | 32 | | 32 | | |
| Ext. Piping | | Diameter | Liquid / Gas | mm | 9.52 / 25.4 | | 12.7 / 25.4 | |
| | Max. Length | Out-In | m | 70 | | 70 | | |
| | Max. Height | Out-In | m | 30 | | 30 | | |
| Guaranteed Operating Range [Outdoor] | Cooling*2 | | °C | -15 ~ +46 | | -15 ~ +46 | | |
| | Heating | | °C | -20 ~ +21 | | -20 ~ +21 | | |

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