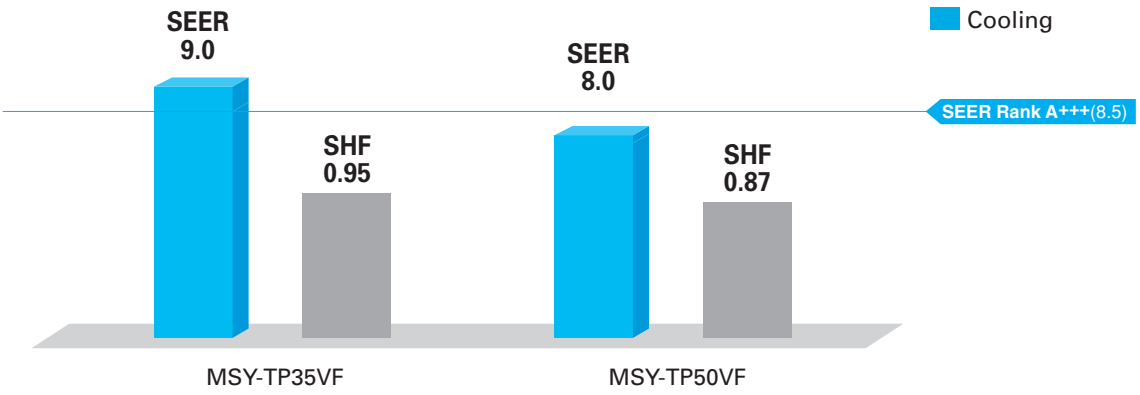
# MSY-TP SERIES

MSY-TP35/50VF

Cooling only model with high-perfomance provide high SHF in various environments thanks to wide operation range.

## High Energy-Saving Performance with High SHF




## Wide Cooling Operating Range

As a result of an extended operating range in cooling, these models accommodate a wide range of usage environments and applications.

# MSY-TP SERIES


## Indoor Unit

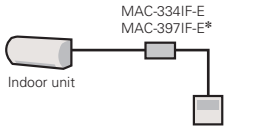
MSY-TP35/50VF

## Outdoor Unit

MUY-TP35/TP50VF

## Remote Controller

- Wired remote controller can be connected to indoor unit.




✻ When using MAC-397IF-E with PAR-40MAA, brightness needs to be set as low.


| Type | | | | Inverter Heat Pump | |
|---|---|---|---|---|---|
| Indoor Unit | | | | MSY-TP35VF | MSY-TP50VF |
| Outdoor Unit | | | | MUY-TP35VF | MUY-TP50VF |
| Refrigerant | | | | R32 (*1) | |
| Power Supply | Source | | | Indoor Power supply | |
| | Outdoor ( V / Phase / Hz ) | | | 230V / Single / 50Hz | |
| Cooling | Design load | | kW | 3.5 | 5.0 |
| | Annual electricity consumption (*2) | | kWh/a | 136 | 218 |
| | SEER (*4) | | | 9.0 | 8.0 |
| | | Energy efficiency class | | A+++ | A++ |
| | Capacity | Rated | kW | 3.5 | 5.0 |
| | | Min-Max | kW | 1.5 - 4.0 | 1.5 - 5.7 |
| | Total Input | Rated | kW | 0.760 | 1.450 |
| Heating (Average Season)(*5) | Design load | | kW | - | - |
| | Declared Capacity | at reference design temperature | kW | - | - |
| | | at bivalent temperature | kW | - | - |
| | | at operation limit temperature | kW | - | - |
| | Back up heating capacity | | kW | - | - |
| | Annual electricity consumption (*2) | | kWh/a | - | - |
| | SCOP (*4) | | | - | - |
| | | Energy efficiency class | | - | - |
| | Capacity | Rated | kW | - | - |
| | | Min-Max | kW | - | - |
| | Total Input | Rated | kW | - | - |
| Operating Current (Max) | | | A | 9.6 | 9.6 |
| Indoor Unit | Input | Rated | kW | 0.033 | 0.034 |
| | Operating Current (Max) | | A | 0.4 | 0.4 |
| | Dimensions | H*W*D | mm | 305-923-250 | 305-923-250 |
| | Weight | | kg | 12.5 | 12.5 |
| | Air Volume (Lo-Mid-Hi-SHi(*3)(Dry/Wet)) | Cooling | $m^3$/min | 10.1 - 11.6 - 13.7 - 16.4 | 10.1 - 11.6 - 13.7 - 16.4 |
| | | Heating | $m^3$/min | - | - |
| | Sound Level (SPL) (Lo-Mid-Hi-SHi(*3)) | Cooling | dB(A) | 31 - 36 - 40 - 45 | 31 - 36 - 40 - 45 |
| | | Heating | dB(A) | - | - |
| | Sound Level (PWL) | Cooling | dB(A) | 60 | 60 |
| | Breaker Size | | A | 10 | 10 |
| Outdoor Unit | Dimensions | H*W*D | mm | 550-800-285 | 550-800-285 |
| | Weight | | kg | 34 | 34 |
| | Air Volume | Cooling | $m^3$/min | 29.3 | 29.3 |
| | | Heating | $m^3$/min | - | - |
| | Sound Level (SPL) | Cooling | dB(A) | 45 | 47 |
| | | Heating | dB(A) | - | - |
| | Sound Level (PWL) | Cooling | dB(A) | 58 | 61 |
| | Operating Current (Max) | | A | 9.2 | 9.2 |
| Ext. Piping | Diameter | Liquid/Gas | mm | 6.35/9.52 | 6.35/9.52 |
| | Max.Length | Out-In | m | 20 | 20 |
| | Max.Height | Out-In | m | 12 | 12 |
| Guaranteed Operating Range (Outdoor) | | Cooling | ℃ | -25 ~ +46 | -25 ~ +46 |
| | | Heating | ℃ | - | - |

(*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 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg of $CO_2$, 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 R32 is 675 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) SHi: Super High
(*4) SEER and other related description are based on COMMISSION DELEGATED REGULATION (EU) No.626/2011.