

Outdoor Units with Frontal Discharge MRV S II



4-5HP

AU042FNERA

AU052FNERA

| Model | | | AU042FNERA | AU052FNERA |
|-------------------------|--|-------------------|-----------------|-----------------|
| Capacity ⁽¹⁾ | Power Class | HP | 4 | 5 |
| | Cooling | kW | 12,10 | 14,00 |
| | Heating | kW | 12,10 | 14,00 |
| Electrical parameters | Power supply | Ph/V/Hz | 1/220-240/50/60 | 1/220-240/50/60 |
| | Absorbed power - Cooling | kW | 4,25 | 5,00 |
| | Max absorbed current - Cooling | kA | 28,30 | 29,30 |
| | Absorbed power - Heating | kW | 4,10 | 4,83 |
| | Max absorbed current - Heating | kA | 27,90 | 29,30 |
| | EER energy class | / | 2,85 | 2,80 |
| | COP energy class | / | 2,95 | 2,90 |
| | SEER energy class (T1) | / | 4,90 | 4,85 |
| | SCOP energy class (T1) | / | 3,50 | 3,55 |
| | ηs,hs,c % | % | 193 | 191 |
| ηs,hs,h % | % | 137 | 139 | |
| Fan | Air flow (High) | m ³ /h | 5400 | 5400 |
| Pressure sound level | Sound pressure level (Cooling) | dB(A) | 58 | 60 |
| | Sound pressure level (Heating) | dB(A) | 60 | 62 |
| Dimensions | Unit Dimensions WxDxH | mm | 950x370x965 | 950x370x965 |
| | Packaged unit dimensions WxDxH | mm | 1010x458x990 | 1010x458x990 |
| Weight | Net/Shipping weight | kg | 90/102 | 90/102 |
| Compressor | Compressor type | / | Rotary Inverter | Rotary Inverter |
| | Motor Power | W | 4130 | 4130 |
| | Compressor quantity | / | 1 | 1 |
| Refrigerant | Refrigerant type | / | R410A | R410A |
| | Pre-charged refrigerant qty. | kg | 3,30 | 3,30 |
| Piping | Ø Liquid side refrigerant pipe | mm (inch) | 9,52 (3/8) | 9,52 (3/8) |
| | Ø Gas side refrigerant pipe | mm (inch) | 15,88 (5/8) | 15,88 (5/8) |
| | Maximum piping length | m | 120 | 120 |
| | Max linear piping length (Equivalent/Real) | m | 70/60 | 70/60 |
| | Std. drop between IU and OU | m | 30/20 | 30/20 |
| | Max. drop between IU *3 | m | 10 | 10 |
| Connection ratio | Indoor / Outdoor Capacity Ratio | % | 50-130 | 50-130 |
| | Maximum number of connectable IUs | / | 7 | 8 |
| Working temp. | Cooling | °C | -5-50 | -5-50 |
| | Heating | °C | -15-21 | -15-21 |

(*) The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB