

Simultaneously warm & cold

SHRMe

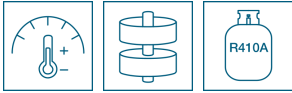


Symbol photo



Highlights

- Highest possible efficiency due to heat recovery
- Combinations of up to 151 kW of cooling capacity and heating capacity
- Two twin-rotary compressors per unit



VRF 3-pipe outdoor unit for simultaneous cooling and heating with a wide performance spectrum. For combination with VRF indoor units, valve kits (exhaust air control) and VN heat exchangers.



Performance

- ESEER values up to 8.17
- Excellent energy and cost efficiency
- Suitable for monovalent heating operation



Flexibility

- Max. pipe lengths up to 1000 m (starting from 34 PS)
- Max. height differences up to 90 m
- Up to 64 indoor units can be connected (starting from 30 PS)
- Capacities up to 20 PS available with only one outdoor unit module
- Flexible control options for all applications
- Optimal ratio of unit capacity to installation surface
- Quiet operation protects people and the environment
- System diversity to 135%
- Simple system design with SelectionTool software



Technical details

- Next generation of perfected A3 compressors
- Two inverter-controlled compressors per unit module
- At 64 cc, enlarged compressor compression chamber (starting from 14 PS)
- Shared vane technology with a carbon coating
- Two twin-rotary compressors in all units
- Compressor backup
- Outdoor unit modulation for maximum dependability and durability
- Shared heat exchangers
- Advanced fan design enables maximum capacity with minimum noise generation and current consumption
- Continuous heating for short defrost cycles without any comfort losses during heating operation
- Intelligent refrigerant management ensures an optimal supply to all indoor units, regardless of their position in the building
- Wireless wave tool function simplifies commissioning, servicing, and system monitoring with Android smartphones



| Technical data | | MMY-AP4616FT8P-E | |
|---|-------------------|------------------|--------------------------|
| Capacity code | HP | | 46 |
| Cooling capacity | kW | ❄️ | 130,40 |
| Power consumption (min./nom./max.) | kW | ❄️ | 41,40 |
| Energy efficiency EER | W/W | ❄️ | 3,15 |
| Energy efficiency SEER | | ❄️ | 5,72 |
| Energy efficiency ESEER | | ❄️ | 7,50 |
| Running current | A | ❄️ | 65,00 |
| Heating capacity | kW | 🔥 | 130,40 |
| Power consumption (min./nom./max.) | kW | 🔥 | 34,70 |
| Energy efficiency COP | W/W | 🔥 | 3,76 |
| Energy efficiency SCOP | | 🔥 | 3,58 |
| Running current | A | 🔥 | 54,40 |
| Airflow | m ³ /h | | 17300 + 12200 + 12200 |
| External static pressure | Pa | | 40 |
| Sound pressure level (low/med/high) | dB(A) | ❄️ | 66,5 |
| Sound pressure level (low/med/high) | dB(A) | 🔥 | 68,5 |
| Sound power level | dB(A) | ❄️ | 87,0 |
| Sound power level | dB(A) | 🔥 | 88,5 |
| Sound pressure level (night operation, @ 1m) | dB(A) | ❄️ | 58,1 |
| Compressor type | | | 2x Twin-Rotary |
| Liquid pipe diameter | mm (inch) | | 22,2 (7/8) |
| Suction gas pipe diameter | mm (inch) | | 41,3 (1 5/8) |
| Hot gas pipe diameter | mm (inch) | | 34,9 (1 3/8) |
| Oil equalization pipe diameter | mm (inch) | | 9,5 (3/8) |
| Outdoor temperature operating range (min.-max.) | °C | ❄️ | -15 / +46 |
| Outdoor temperature operating range (min.-max.) | °C | 🔥 | -25 / +25 |
| Power supply | V/Ph+N/Hz | | 380-415/3+N/50 |
| Current consumption (max.) | A | | 116,5 |
| Connectable indoor units (max.) | Pce. | | 64 |
| Pipe length (max.) | m | | 1000 |
| Height difference (max.) | m | | 90 |
| Refrigerant | | | R410A |
| Refrigerant charge | kg | | 3x 11,00 |
| Dimensions (HxWxD) | mm | | 1830 x 4060 x 780 |
| Weight | kg | | 377+316+316 |

❄️ Cooling 🔥 Heating

The measuring conditions for this product can be found at <https://www.toshiba-aircondition.com/en/measuring-conditions.html>



In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:



Hybrid inverter control: Smooth capacity regulation.



Twin rotary compressor: Long-lasting, smoothly running and highest efficiency.



R410A: Used refrigerant: R410A.

