TOSHIBA

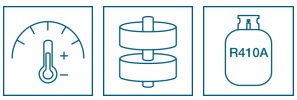
Symbol photo

Simultaneously warm & cold

SHRMe

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

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Technical data			MMY-AP3016FT8P-E
Capacity code	HP		30
Cooling capacity	kW	❄	85,00
Power consumption (min./nom./max.)	kW	❄	26,60
Energy efficiency EER	W/W	❄	3,20
Energy efficiency SEER		❄	5,67
Energy efficiency ESEER		❄	7,75
Running current	A	❄	41,73
Heating capacity	kW	☀	85,00
Power consumption (min./nom./max.)	kW	☀	22,70
Energy efficiency COP	W/W	☀	3,74
Energy efficiency SCOP		☀	3,54
Running current	A	☀	35,61
Airflow	m^3/h		17300+12200
External static pressure	Pa		40
Sound pressure level (low/med/high)	dB(A)	❄	65,0
Sound pressure level (low/med/high)	dB(A)	☀	66,5
Sound power level	dB(A)	❄	85,5
Sound power level	dB(A)	☀	87,0
Sound pressure level (night operation, @ 1m)	dB(A)	❄	56,5
Compressor type			2x Twin-Rotary
Liquid pipe diameter	mm (inch)		22,2 (7/8)
Suction gas pipe diameter	mm (inch)		34,9 (1 3/8)
Hot gas pipe diameter	mm (inch)		28,6 (1 1/8)
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		76,5
Connectable indoor units (max.)	Pce.		64
Pipe length (max.)	m		300
Height difference (max.)	m		90
Refrigerant			R410A
Refrigerant charge	kg		2x 11,00
Dimensions (HxWxD)	mm		1830 x 2830 x 780
Weight	kg		377+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.