

VRF Outdoor Unit 2 Pipe SMMSi Heat Pump High Efficiency

- R22 & R407c technology available
- 48 Modular indoor unit maximum, 8 to 30 hp to be combined with up to 135% of the outdoor unit capacity
- Superior EER for reduced energy consumption and increased savings
- State-of-the-art communication bus system with automatically configured addressing
- Added flexibility and control with flow selectors and piping branches
- New patented four blade fan propeller



2 Pipe SMMSi - Heat Pump High Efficiency

The new generation of VRF units with innovative components and advanced intelligence to deliver total value in air conditioning systems. New DC twin rotary compressor with outstanding capacity under partial load drive to improve efficiency and comfort. Fast calculating vector-controlled inverter to exploit the compressor's full potential and provide smoother operation with optimized energy savings. Piping flexibility increases the design options.

Model Reference MMY-		AP1624HT8-E	AP2404HT8-E	AP2624HT8-E	AP2824HT8-E	AP3024HT8-E	AP3224HT8-E	AP3424HT8-E
Nominal Cooling Capacity	kW	45.0	68.0	73.0	78.5	85.0	90.0	96.0
Nominal Heating Capacity	kW	50.0	76.5	81.5	88.0	95.0	100.0	108.0
Capacity	hp	16	24	26	28	30	32	34
Min/Max Capacities Connectable		8.0 - 21.6	12.0 - 32.4	13.0 - 35.1	14.0 - 37.8	15.0 - 40.5	16.0 - 43.2	17.0 - 45.9
SEER/ESEER Value (Office Profile)		7.20/7.57	7.21/7.58	7.01/7.37	6.81/7.16	6.57/6.91	7.27/7.64	6.93/7.26
SCOP/ESCOP Value		5.83/6.07	5.75/5.98	5.67/5.90	5.53/5.75	5.4/5.62	5.83/6.07	5.64/5.87

Model Reference MMY-		AP3624HT8-E	AP3824HT8-E	AP4024HT8-E	AP4224HT8-E	AP4424HT8-E	AP4624HT8-E	AP4824HT8-E
Nominal Cooling Capacity	kW	101.0	106.5	112.0	118.0	123.5	130.0	135.0
Nominal Heating Capacity	kW	113.0	119.5	127.0	132.0	138.0	145.0	150.0
Capacity	hp	36	38	40	42	44	46	48
Min/Max Capacities Connectable		18.0 - 48.6	19.0 - 51.3	20.0 - 54.0	21.0 - 56.7	22 - 59.4	23.0 - 62.1	24.0 - 64.8
SEER/ESEER Value (Office Profile)		6.91/7.26	6.76/7.11	6.78/7.15	6.53/6.87	6.46/6.80	6.34/6.68	6.32/6.66
SCOP/ESCOP Value		5.59/5.82	5.50/5.72	5.39/5.61	5.24/5.46	5.13/5.35	4.94/5.15	4.85/5.06

Note: units operational to -10°C to 43°C in cooling and -20°C to 15.5°C in heating