



SMMS-e includes many intelligent and innovative features that maximise end user comfort and system efficiencies.

Excellence

- Toshiba's in-house designed DC twin rotary compressor with outstanding capacity under partial load driven to improve efficiency and comfort.
- Incorporating Toshiba's latest inverter control, enables the precise modulation of the compressor, ensuring maximum performance and energy savings.
- 2 heat exchangers: outstanding 4-side heat exchanger + sub cooling heat exchanger to optimize efficiency.
- Precise refrigerant control ensures each indoor unit receives precisely the right amount of refrigerant.

Expansion

- 8 outdoor unit model line-up that can be installed in a variety of combinations, of up to a capacity of 60 HP.
- A complete range of indoor unit styles and capacity ranges, meets the demands of the customer and the room configuration.

Enhancement

- With up to 1km total piping length; 235m in equivalent length and 70m of height difference, the system is fully adaptable for all types of projects.
- Revolutionary hands-free Wave Tool technology that allows contactless commissioning and diagnoses to be carried out using a smartphone application.

SCOP MAX



3.70

CAPACITY



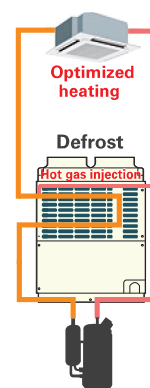
8HP > 60HP

OPERATION



-25°C > +46°C

Toshiba's continuous heating function helps to maintain the indoor room temperature and end user comfort.



SMMS-e Physical data

Outdoor unit	CO	MIMY-	MAP0806T8P-E/TR	MAP1006T8P-E/TR	MAP1206T8P-E/TR	MAP1406T8P-E/TR	MAP1606T8P-E/TR	MAP1806T8P-E/TR	MAP2006T8P-E/TR	MAP2206T8P-E/TR
Outdoor unit	HP	MIMY-	MAP0806HT8P-E/TR	MAP1006HT8P-E/TR	MAP1206HT8P-E/TR	MAP1406HT8P-E/TR	MAP1606HT8P-E/TR	MAP1806HT8P-E/TR	MAP2006HT8P-E/TR	MAP2206HT8P-E/TR
Air flow	m ³ /h		9700	9700	12200	12200	12600	17300	17900	18500
Air flow	l/s		2694	2694	3389	3389	3500	4806	4972	5139
Sound Power Level	dB(A)	H	74	74	82	82	83	83	84	84
Sound pressure level	dB(A)	H	56	58	61	62	64	61	62	62
Sound Power Level	dB(A)	C	74	74	80	80	81	81	82	83
Sound pressure level	dB(A)	C	55	57	59	60	62	60	61	61
External Static pressure available	Pa		60	60	50	50	40	50	40	40
Dimensions (h x w x d)	mm		1830x990x780	1830x990x780	1830x990x780	1830x1210x780	1830x1210x780	1830x1600x780	1830x1600x780	1830x1600x780
Weight	kg	HP	242	242	242	300	300	371	371	371
	kg	CO	241	241	241	299	299	370	370	370
Compressor type			Hermetic Twin Rotary	Hermetic Twin Rotary	Hermetic Twin Rotary	Hermetic Twin Rotary	Hermetic Twin Rotary	Hermetic Twin Rotary	Hermetic Twin Rotary	Hermetic Twin Rotary
Refrigerant charge R410A	kg/TCO2eq	HP	11.5/24	11.5/24	11.5/24	11.5/24	11.5/24	11.5/24	11.5/24	11.5/24
		CO	10.5/21.9	10.5/21.9	10.5/21.9	10.5/21.9	10.5/21.9	10.5/21.9	10.5/21.9	10.5/21.9
Gas line type - diameter			Brazed - 3/4"	Brazed - 7/8"	Brazed - 1-1/8"	Brazed - 1-1/8"	Brazed - 1-1/8"	Brazed - 1-1/8"	Brazed - 1-1/8"	Brazed - 1-1/8"
Liquid line type - diameter			Flare - 1/2"	Flare - 1/2"	Flare - 1/2"	Flare - 5/8" or 1/2"	Flare - 5/8" or 1/2"	Flare - 5/8" or 1/2"	Flare - 5/8" or 1/2"	Flare - 3/4" or 5/8"
Farthest piping equivalent length	m		235	235	235	235	235	235	235	235
Farthest piping actual length	m		190	190	190	190	190	190	190	190
Maximum pipe length ³	m		1000	1000	1000	1000	1000	1000	1000	1000
Maximum lift (indoor unit above/below) ⁴	m		40/70	40/70	40/70	40/70	40/70	40/70	40/70	40/70
Operating range - db ^{5,6}	°C	C	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Operating range - wb ^{7,8}	°C	H	-25/15.5	-25/15.5	-25/15.5	-25/15.5	-25/15.5	-25/15.5	-25/15.5	-25/15.5
Power supply	V-ph-Hz		380/415-3-50	380/415-3-50	380/415-3-50	380/415-3-50	380/415-3-50	380/415-3-50	380/415-3-50	380/415-3-50