

TOSHIBA
Leading Innovation >>>



SMMS 7
SUPER MODULAR MULTI SYSTEM





Better Air Solutions

Through our commitment to world-class **efficiency**, versatile **scalability** and leading **quality**, Toshiba Air Conditioning advances leading-edge technologies to find the most forward-thinking solutions possible for your world.



SMMS 7
SUPER MODULAR MULTI SYSTEM



Higher energy **efficiency**



Wider ambient operating



High **reliability**



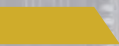
Space saving and light weight



Environmentally-oriented



Design **flexibility**

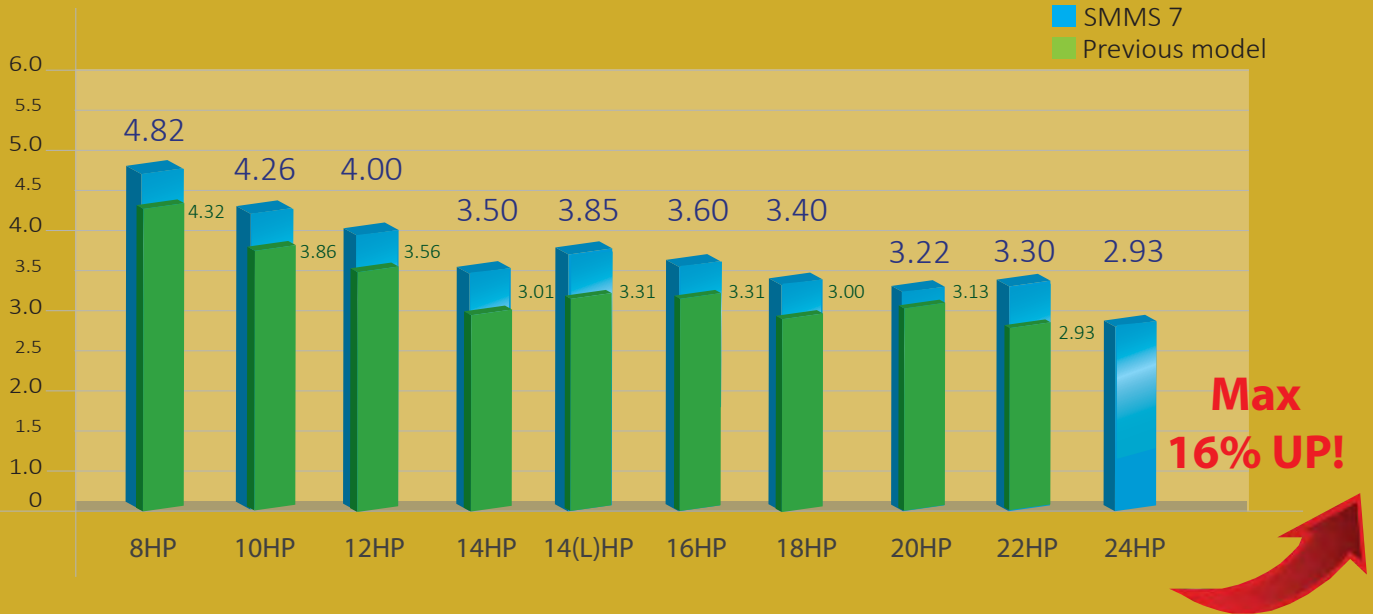


Easy installation and maintenance

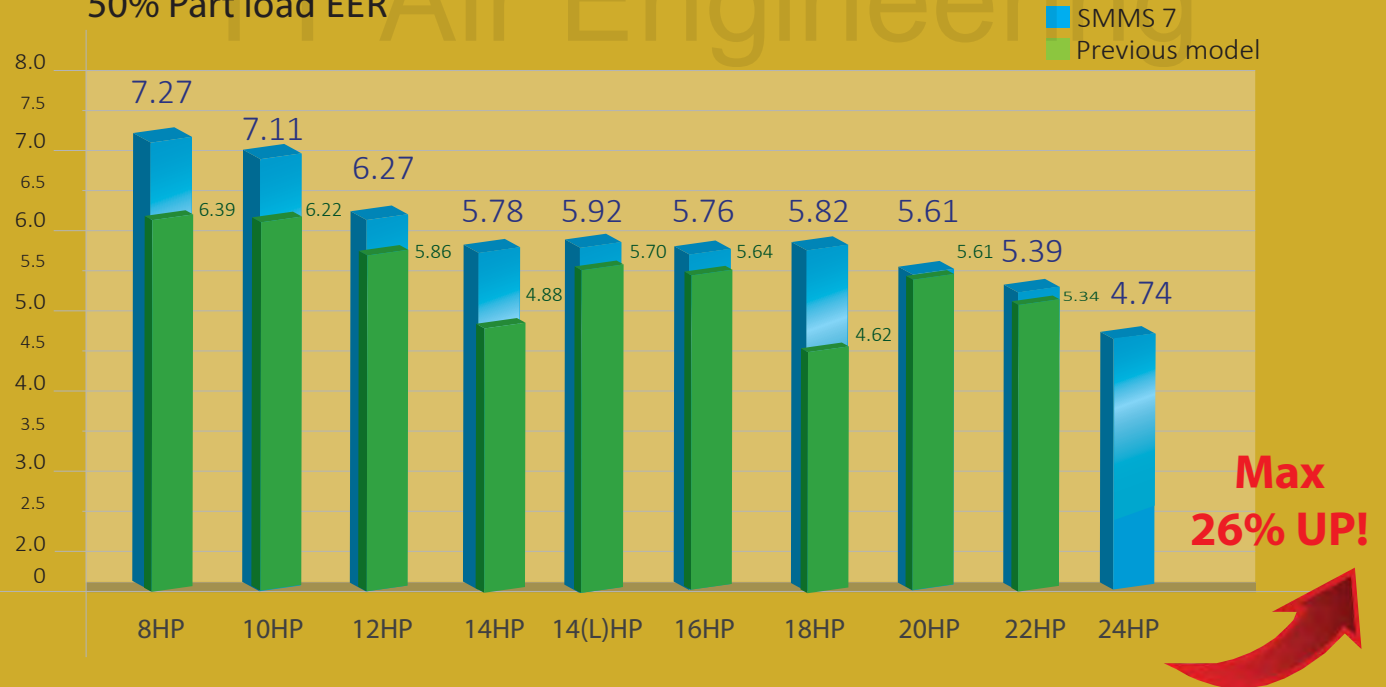


Higher energy efficiency

Full load EER



50% Part load EER

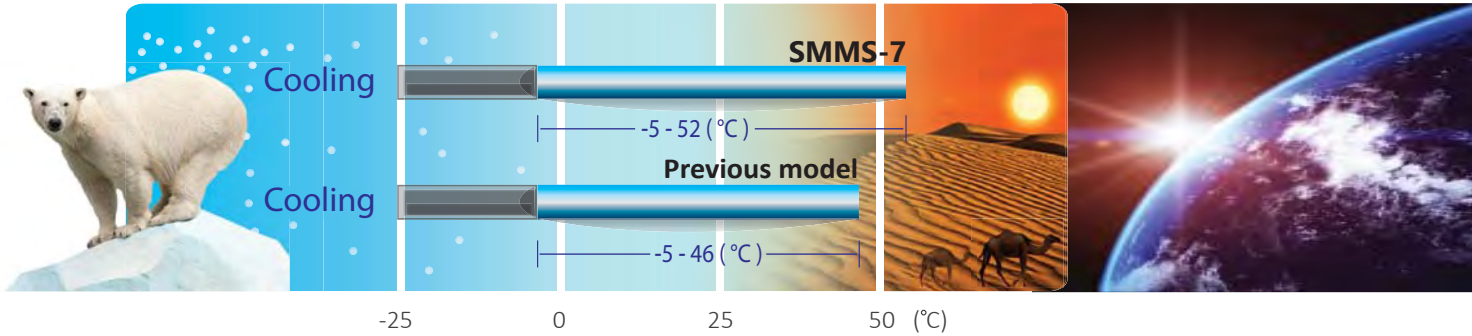


Wider ambient operating

The combination of new compressor design and system controls have enabled the SMMS-7 expanding its allowable operation temperature range

Operation ambient temperature expansion

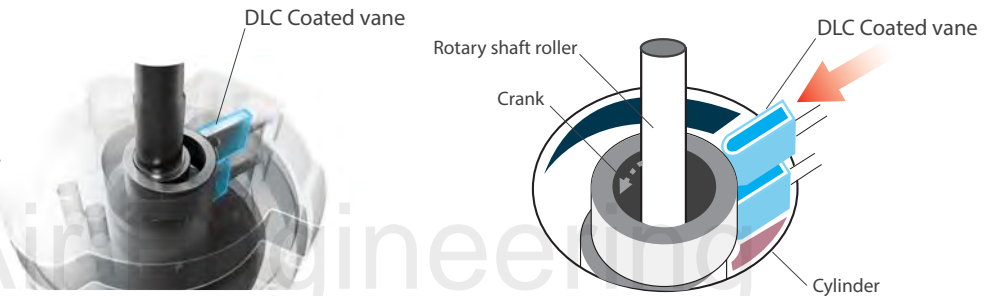
(Cooling: °C DB)



High reliability

DLC coated vane

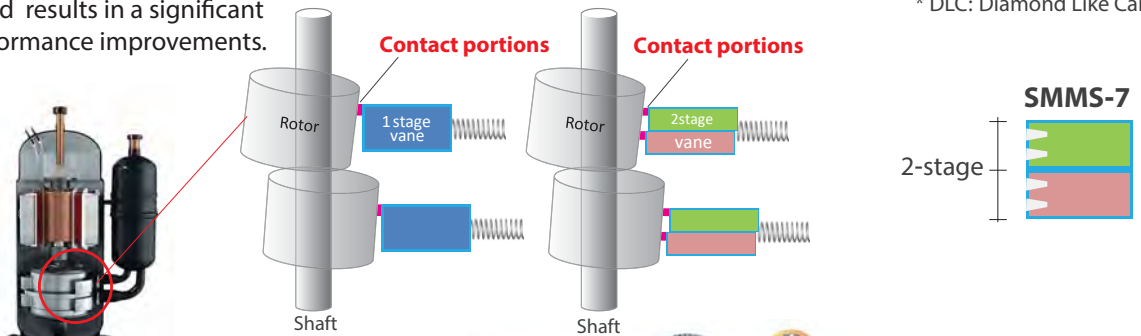
DLC protection coating inside increases both efficiency and reliability.



* DLC: Diamond Like Carbon

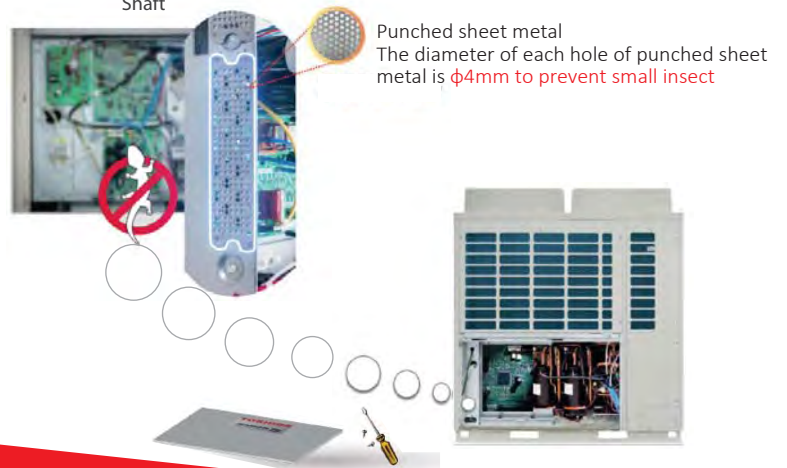
2-stage vane

The increased hardness of the DLC coated 2-stage vane reduces friction and results in a significant reliability and performance improvements.



















Small animal protection

To prevent the small animals from entering and interfering with the electronic components in the system, our new inverter box has been upgraded with additional protection, while allowing reliable operation. The inverter box is fitted with punched sheet metal & resin sheet.



Indoor units

TYPE	kW	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0	45.0	56.0	
		HP	0.8	1.0	1.25	1.7	2.0	2.5	3.0	3.2	4.0	5.0	6.0	8.0	10.0	16.0	20.0
		BTU/hr	7,500	9,600	12,300	15,400	19,100	24,200	27,300	30,700	38,200	47,800	54,600	76,400	95,500	153,500	191,100
4-way air discharge cassette type 	(MMU-AP***4HP-T)	[Yellow bar spanning from 2.8 to 16.0 kW]															
Compact 4-way cassette type 	(MMU-AP***7MH-E)	[Yellow bar spanning from 2.2 to 5.6 kW]															
2-way air discharge cassette type 	(MMU-AP***2WH1)	[Yellow bar spanning from 2.2 to 16.0 kW]															
1-way air discharge cassette type 	(MMU-AP***4Y(S)H1-E)	[Yellow bar spanning from 2.2 to 8.0 kW]															
Slim duct type 	(MMD-AP***4SPH1-E)	[Yellow bar spanning from 2.2 to 9.0 kW]															
Super slim duct type *P is with drainpump 	(MMD-AP***6M(P)HY)	[Yellow bar spanning from 2.2 to 9.0 kW]															
Concealed duct high static pressure type 	(MMD-AP***6HP-T)	[Yellow bar spanning from 5.6 to 28.0 kW]															
Concealed duct type 	(MMD-AP***6BHP-T)	[Yellow bar spanning from 2.2 to 16.0 kW]															
Ceiling type 	(MMC-AP***8HP-T)	[Yellow bar spanning from 4.5 to 16.0 kW]															
High-wall type (Series 3) 	(MMK-AP***3H-T)	[Yellow bar spanning from 2.2 to 8.0 kW]															
High-wall type (Series 7) 	(MMK-AP***7HP-T)	[Yellow bar spanning from 2.2 to 3.6 kW]															
Floor standing concealed type 	(MML-AP***4BH1-E)	[Yellow bar spanning from 2.2 to 8.0 kW]															
Floor standing cabinet type 	(MML-AP***4H1-E)	[Yellow bar spanning from 2.2 to 8.0 kW]															
Console type 	(MML-AP***4NH1-E)	[Yellow bar spanning from 2.2 to 5.6 kW]															
Floor standing type 	(MMF-AP***6H1-E)	[Yellow bar spanning from 4.5 to 14.0 kW]															
Large capacity floor standing duct type, direct type 	(MMF-AP***5DHP-VA/VB) (MMF-AP***5HP-VA/VB)	[Yellow bar spanning from 22.4 to 56.0 kW]															

TYPE	m ³ /h	Air volume															
		150	300	450	600	750	900	1,050	1,200	1,350	1,500	1,650	1,800	1,950	2,100	2,250	
Fresh air intake indoor unit type (MMF-AP***HFE)		[Yellow bar spanning from 1,080 to 2,100 m³/h]															
Air-to-air heat exchanger with Dx-coil type (MMD-VN***HEX1E)		[Yellow bar spanning from 500 to 950 m³/h]															
Air-to-air heat exchanger type (VN-M***HE)		[Yellow bar spanning from 150 to 2,000 m³/h]															

Outdoor units

Standard line up

Model mane (MMY-)		Cooling capacity			Combined Outdoor unit (HP)
50 Hz	60 Hz	(HP)	(kW)	(BTU/hr)	
MAP0807T8P-T	MAP0807T7P-T	8	22.4	76,400	-
MAP1007T8P-T	MAP1007T7P-T	10	28.0	95,500	-
MAP1207T8P-T	MAP1207T7P-T	12	33.5	114,300	-
MAP1407T8P-T	MAP1407T7P-T	14	40.0	136,400	-
MAP1607T8P-T	MAP1607T7P-T	16	45.0	154,000	-
MAP1807T8P-T	MAP1807T7P-T	18	50.4	172,000	-
MAP2007T8P-T	MAP2007T7P-T	20	56.0	191,000	-
MAP2207T8P-T	MAP2207T7P-T	22	61.5	210,000	-
MAP2407T8P-T	MAP2407T7P-T	24	67.0	228,600	-
MAP2617T8P-T	MAP2617T7P-T	26	73.5	250,700	12 + 14
MAP2817T8P-T	MAP2817T7P-T	28	80.0	272,800	14 + 14
MAP3017T8P-T	MAP3017T7P-T	30	85.0	290,400	14 + 16
MAP3217T8P-T	MAP3217T7P-T	32	90.0	308,000	16 + 16
MAP3417T8P-T	MAP3417T7P-T	34	95.4	326,000	16 + 18
MAP3617T8P-T	MAP3617T7P-T	36	100.8	344,000	18 + 18
MAP3817T8P-T	MAP3817T7P-T	38	106.4	364,000	18 + 20
MAP4017T8P-T	MAP4017T7P-T	40	112.0	382,000	20 + 20
MAP4217T8P-T	MAP4217T7P-T	42	120.0	401,100	14 + 14 + 14
MAP4417T8P-T	MAP4417T7P-T	44	125.0	420,000	14 + 14 + 16
MAP4617T8P-T	MAP4617T7P-T	46	130.4	444,400	14 + 14 + 18
MAP4817T8P-T	MAP4817T7P-T	48	136.0	462,000	14 + 14 + 20
MAP5017T8P-T	MAP5017T7P-T	50	141.0	480,000	14 + 16 + 20
MAP5217T8P-T	MAP5217T7P-T	52	146.4	498,000	14 + 18 + 20
MAP5417T8P-T	MAP5417T7P-T	54	152.0	516,000	14 + 20 + 20
MAP5617T8P-T	MAP5617T7P-T	56	157.0	535,000	16 + 20 + 20
MAP5817T8P-T	MAP5817T7P-T	58	162.4	554,000	18 + 20 + 20
MAP6017T8P-T	MAP6017T7P-T	60	168.0	574,000	20 + 20 + 20

Notes : MMY-MAP***T8P: 380 - 415 V/ 50 Hz

MMY-MAP***T7P: 380 V/ 60 Hz

The source voltage must not fluctuate more than ± 10%

Rated conditions : Cooling: Indoor air temperature 27°C DB/ 19°C WB, outdoor temperature 35°C DB

High efficiency line up

Model mane (MMY-)		Cooling capacity			Combined Outdoor unit (HP)
50 Hz	60 Hz	(HP)	(kW)	(BTU/hr)	
MAP14A7T8P-T	MAP14A7T7P-T	14	40.0	136,400	14
MAP1627T8P-T	MAP1627T7P-T	16	44.8	154,000	8 + 8
MAP1827T8P-T	MAP1827T7P-T	18	50.4	172,000	8 + 10
MAP2027T8P-T	MAP2027T7P-T	20	56.0	191,000	10 + 10
MAP2227T8P-T	MAP2227T7P-T	22	61.5	210,000	10 + 12
MAP2427T8P-T	MAP2427T7P-T	24	67.2	228,600	8 + 8 + 8
MAP2627T8P-T	MAP2627T7P-T	26	73.5	250,700	12 + 14
MAP2827T8P-T	MAP2827T7P-T	28	80.0	272,800	14 + 14
MAP3027T8P-T	MAP3027T7P-T	30	84.0	290,400	10 + 10 + 10
MAP3227T8P-T	MAP3227T7P-T	32	89.5	308,000	10 + 10 + 12
MAP3427T8P-T	MAP3427T7P-T	34	95.0	326,000	10 + 12 + 12
MAP3627T8P-T	MAP3627T7P-T	36	100.5	344,000	12 + 12 + 12
MAP3827T8P-T	MAP3827T7P-T	38	107.0	364,000	12 + 12 + 14
MAP4027T8P-T	MAP4027T7P-T	40	113.5	382,000	12 + 14 + 14
MAP4227T8P-T	MAP4227T7P-T	42	120.0	401,100	14 + 14 + 14
MAP4427T8P-T	MAP4427T7P-T	44	125.0	420,000	14 + 14 + 16
MAP4627T8P-T	MAP4627T7P-T	46	130.4	444,400	14 + 14 + 18
MAP4827T8P-T	MAP4827T7P-T	48	135.0	462,000	16 + 16 + 16
MAP5027T8P-T	MAP5027T7P-T	50	140.4	480,000	16 + 16 + 18
MAP5227T8P-T	MAP5227T7P-T	52	145.8	498,000	16 + 18 + 18
MAP5427T8P-T	MAP5427T7P-T	54	151.2	516,000	18 + 18 + 18

8HP | 10HP | 12HP | 14HP
1800H x 990W x 780D

14HP* | 16HP | 18HP | 20HP
1800H x 1210W x 780D

22HP | 24HP
1800H x 1600W x 780D



Dimension: Height (H) x Width (W) x Depth (D)
Unit : mm

Notice: - Products listed in this leaflet use HFC refrigerant R410A with a GWP of 2,088*.

- Toshiba is committed to continuously improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications are subject to change without prior notice.

*The GWP value is calculated based on information provided in the EU F gas Regulation and IPCC Fourth Assessment Report.

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Carrier reserves the right to make changes in specifications without prior notice.



YOUR CARRIER MAN :

SMM57/03/18