

SINGLE ZONE

MULTI ZONE

HIGH EFFICIENCY

TQSDT

Mini Splits Catalog

Residential & Light Commercial Solutions



WELCOME



SERVICE & SUPPORT

We believe that the best way to ensure the complete satisfaction of our customers is by offering the greatest service and support to our installers' network. This way, they will systematically propose optimal solutions and complete installations with unmatched professionalism.

We have developed all the necessary tools to provide the best after sales and service support.



EXCELLENCE & INNOVATION

Every Tosot system is designed to be the best in its class. Only first class materials are used throughout the manufacturing of a Tosot system. A strict quality control is in place to insure the premium quality of all Tosot units. From engineering to after sales support our team of professionals strive to deliver customer satisfaction. Through our commitment to excellence we have developed partnerships of qualified installers. These exclusive partnerships allow us to train, support and monitor our installations to ensure the best consumer experience in every region where we operate. Our warranties are a testament to our quality innovations and our fully integrated process.

What can I find in this catalog ?

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Want to know more about us and our products ?

Visit our website tosotusa.com

TOSOT

BENEFITS



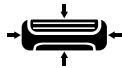
4 Way Air Outlet

The louver can be adjusted vertically and horizontally this will help maximise the comfort of your home.



Intelligent Defrost

The defrosting operation is only performed when needed, this reduces energy waste by eliminating unnecessary defrost while maximising warm comfort.



Compact Design

With state of the art innovations such as an integrated evaporator and incorporated rear base casing our indoor units are more compact.



Auto Clean

After powering off, the cross fan stays operational until the inside of the indoor unit is dry, this way your unit will stay clean and healthy.



Quiet

The axial fan innovative design and the strengthened motor bracket will minimize the vibrations and noise level outside. The integrated rear base and evaporator makes our indoor unit one of the quietest.



High Efficiency

Cutting edge chips for precise inverter control high efficiency electronic expansion valves for precise refrigerant flow, optimized cross fan designed for larger air flow volume.



Sleep Mode

Tosot comfy sleep curve will maintain the ideal temperature until morning to ensure your comfort.



I Feel

The mini sensor in the remote controller senses the surrounding temperature. The air flow and set temperature of the indoor unit is adjusted accordingly for optimal comfort level. The integrated rear base and evaporator makes our indoor unit one of the quietest.



Certifications

All our products are



SINGLE-ZONE CHESAPEAKE

16 SEER INVERTER
9,000 BTU TO 24,000 BTU



TOSOT
SINGLE ZONE



- Auto Swing (vertical)
- Multiple Fan Speeds
- Dehumidify

- Intelligent Defrost
- Intelligent Pre-Heating
- Comfortable Sleep Mode
- LED Display
- Automatic Operation
- Self-diagnosis

- Memory Function
- Control Lock
- Fan Delay Function
- Timer

MODEL		TW09HQ1A5D	TW12HQ1A5D	TW18HQ1A5D	TW24HQ1A5D
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Rated Current Cooling	A	5.8	6.0	11.5	12.0
Rated Current Heating	A	6.0	6.7	11.5	12.2
System Performance					
Dehumidification	pt/h	1.69	2.96	3.8	5.28
Cooling Capacity	Btu/h	9,000 (3,100 - 9,600)	12,000 (3,800 - 12,500)	18,000 (7,200 - 20,000)	22,000 (8,600 - 23,200)
Heating Capacity	Btu/h	9,600 (3,100 - 12,000)	13,000 (4,000 - 14,000)	19,000 (7,300 - 23,500)	23,000 (8,700 - 26,000)
SEER/EER		16 / 10.0	16 / 9.2	16 / 9.4	16 / 9.7
HSPF/COP		9.0 / 3.49	9.0 / 3.05	9.0 / 2.78	9.0 / 2.93
Indoor Unit					
Airflow	CFM	318 / 288 / 241 / 171	400 / 318 / 253 / 194	471 / 403 / 341 / 282	706 / 647 / 589 / 530
Sound Pressure Level	dB(A)	43 / 38 / 34 / 28	45 / 39 / 35 / 29	46 / 42 / 39 / 35	48 / 44 / 40 / 36
Unit Dimensions	in.	31.1 x 10.8 x 7.9	33.3 x 11.4 x 8.2	38.2 x 11.8 x 8.8	42.4 x 12.8 x 9.7
Net/Gross Weight	lbs	20 / 24	23 / 29	30 / 36	37 / 45
Outdoor Unit					
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY
Sound Pressure Level	dB(A)	52	53	56	59
Unit Dimensions	in.	30.6 x 21.3 x 12.6	30.6 x 21.3 x 12.6	37.6 x 27.6 x 15.6	37.6 x 27.6 x 15.6
Net/Gross Weight	lbs	65 / 71	69 / 75	96 / 106	110 / 120
Refrigerant/Charge	oz.	R410A / 24.7	R410A / 30.0	R410A / 49.4	R410A / 65.3
Line Set Size (Liquid - Suction)	in.	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8
Max. Line Run	ft	49	49	82	82
Max. Elevation	ft	33	33	33	33
MCA	A	9	9	16	16
MOCP	A	15	15	25	25
Wire Size/# Wires		14AWG*4 Stranded, unshielded			

SINGLE-ZONE
INDEPENDENCE

18-23 SEER INVERTER
9,000 BTU TO 36,000 BTU

TOSOT
SINGLE ZONE



- Auto Swing (vertical)
- Multiple Fan Speeds
- Dehumidify
- Optional Wired controller

- Intelligent Defrost
- Intelligent Pre-Heating
- Comfortable Sleep Mode
- LED Display
- Automatic Operation
- Self-diagnosis

- Memory Function
- Control Lock
- Fan Delay Function
- Timer

MODEL		TW09HQ2A1D	TW12HQ2A1D	TW18HQ2A1D	TW24HQ2A1D	TW30HQ2A3D	TW36HQ2A3D
Power Supply		208-230V, 60Hz	208-230V, 60Hz	208-230V, 60Hz	208-230V, 60Hz	208-230V, 60Hz	208-230V, 60Hz
Rated Current Cooling	A	2.8	4.5	6.4	8.1	11.5	17.0
Rated Current Heating	A	3.5	5.5	7.7	8.4	12.0	16.5
System Performance							
Dehumidification	pt/h	1.69	2.96	3.8	4.23	6.54	7.40
Cooling Capacity	Btu/h	9,000 (3,100 - 9,600)	12,000 (3,100 - 13,000)	18,000 (6,800 - 20,000)	22,000 (6,820 - 27,300)	28,000 (9,490 - 30,030)	33,600 (7,400 - 36,000)
Heating Capacity	Btu/h	11,000 (1,911 - 12,000)	13,000 (2,400 - 14,000)	19,800 (7,340 - 23,500)	23,000 (6,820 - 30,710)	28,400 (10,000 - 32,990)	34,600 (14,980 - 36,000)
SEER/EER		23 / 14.3	22 / 12.5	20 / 12.5	20 / 12.5	18 / 10.4	18 / 8.2
HSPF/COP		10.5 / 3.2	10.1 / 3.5	10 / 3.4	10 / 3.4	9 / 3	9 / 2.7
Indoor Unit							
Airflow	CFM	318/288/241/171	400/317/253/194	471/403/341/282	706/647/588/530	706/618/530/412	736/647/530/412
Sound Pressure Level	dB(A)	29 / 43	29 / 45	39 / 47	36 / 48	37 / 51	37 / 54
Unit Dimensions	inch	33.4 x 11.4 x 8.2	33.4 x 11.4 x 8.2	38.2 x 11.8 x 8.8	42.4 x 12.8 x 9.7	53.1 x 12.8 x 10	53.1 x 12.8 x 10
Net/Gross Weight	lbs	22.1 / 26.5	22.1 / 26.5	28.7 / 35.3	34.2 / 41.9	41.9 / 51.8	41.9 / 51.8
Outdoor Unit							
Compressor Type		SWING	SWING	ROTARY	ROTARY	ROTARY	ROTARY
Sound Pressure Level	dB(A)	53	54	55	59	62	65
Unit Dimensions	inch	33.4 x 21.3 x 12.6	33.4 x 21.3 x 12.6	37.6 x 27.6 x 15.6	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8
Net/Gross Weight	lbs	78 / 84	86 / 93	105 / 116	142 / 153	154 / 165	161 / 172
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
Line Set Size (Liquid - Suction)	in.	1/4" - 3/8"	1/4" - 1/2"	1/4" - 5/8"	1/4" - 5/8"	1/4" - 5/8"	1/4" - 5/8"
Max. Line Run	ft	49	66	82	82	98	98
Max. Elevation	ft	33	33	33	33	33	33
MCA	A	9	9	16	20	20	20
MOCP	A	15	15	25	30	30	30
Wire Size/# Wires	14AWG*4 Stranded, unshielded						

*TWH30LBD3DNA3 and TWH36LBD3DNA3 are not Energy Star

SINGLE-ZONE CONSTELLATION

27-21 SEER INVERTER
9,000 BTU TO 24,000 BTU

TOSOT
SINGLE ZONE
MULTI ZONE



- Auto Swing (vertical)
- Multiple Fan Speeds
- Dehumidify
- Wired Controller Optional
- Technology 4 Way Airflow

- Intelligent Defrost
- Intelligent Pre-Heating
- Comfortable Sleep Mode
- LED Display
- Automatic Operation
- Self-diagnosis

- Waterfall Heating Airflow
- I-Feel Function
- Pan Heater
- Heated Belt Around Compressor

- Memory Function
- Control Lock
- Fan Delay Function
- Timer

MODEL		TW09HTA3D	TW12HTA3D	TW18HTA3D	TW24HTA3D
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Rated Current Cooling	A	5.7	6.0	7.4	8.5
Rated Current Heating	A	7.0	7.5	7.8	10.3
System Performance					
Dehumidification	pt/h	1.9	2.96	3.8	5.28
Cooling Capacity	Btu/h	9,000 (3,500 - 9,600)	12,000 (3,100 - 13,000)	18,000 (3,412 - 22,180)	24,000 (6,826 - 29,352)
Heating Capacity	Btu/h	9,800 (2,200 - 11,000)	13,000 (2,400 - 14,000)	19,000 (3,400 - 24,900)	25,000 (7,509 - 37,543)
SEER/EER		27 / 14.5	25 / 12.8	21 / 12.5	21 / 12.5
HSPF/COP		10.0 / 3.8	10.0 / 3.5	10.0 / 3.52	10.0 / 3.16
Indoor Unit					
Airflow	CFM	418 / 300 / 282 / 247 / 218 / 182 / 118	453 / 312 / 288 / 259 / 221 / 182 / 118	559 / 512 / 465 / 418 / 371 / 330 / 282	706 / 647 / 589 / 530 / 471 / 412 / 353
Sound Pressure Level	dB(A)	42 / 38 / 36 / 34 / 30 / 26 / 23	44 / 38 / 36 / 34 / 30 / 26 / 24	51 / 48 / 45 / 43 / 39 / 36 / 33	52 / 49 / 47 / 45 / 43 / 41 / 38
Unit Dimensions	in.	34.1 x 11.5 x 8.2	34.1 x 11.5 x 8.2	40.1 x 12.6 x 9.1	46.4 x 12.8 x 10.4
Net/Gross Weight	lbs	24 / 31	24 / 31	31 / 42	40 / 53
Outdoor Unit					
Compressor Type		TWIN ROTARY	TWIN ROTARY	TWIN ROTARY	TWIN ROTARY
Sound Pressure Level	dB(A)	49	49	56	59
Unit Dimensions	in.	35.4 x 23.5 x 14.9	35.4 x 23.5 x 14.9	37.6 x 27.6 x 15.6	38.6 x 31.1 x 16.8
Net/Gross Weight	lbs	86 / 90	87 / 92	110 / 121	153 / 164
Refrigerant/Charge	oz.	R410A / 45.9	R410A / 45.9	R410A / 56.4	R410A / 91.7
Line Set Size (Liquid - Suction)	in.	1/4" - 1/2"	1/4" - 1/2"	1/4" - 5/8"	1/4" - 5/8"
Pre-Charge	ft	25	25	25	25
Max. Line Run	ft	50	66	82	98
Max. Elevation	ft	33	33	33	33
MCA	A	10	10	15	20
MOCP	A	20	20	25	30
Wire Size/# Wires	14AWG*4 Stranded, unshielded				

TOSOT
SPECIALITIES
SINGLE ZONE
WITH
CONSOLE

21-19 SEER INVERTER
9,000 BTU TO 12,000 BTU

TOSOT
SPECIALITIES



MODEL			TW09HEA1A	TW12HEA1A
Sound Pressure Level		dB(A)	40/38/36/33/30/26/25	43/40/38/37/35/32/27
Dehumidification		pt/h	1.69	2.96
Dimension W x H x D		in	33.4 x 12.6 X 23.2	33.4 X 12.6 X 23.2
Net/Gross Weight		Lbs	33.1	33.1
SEER/HSPF			22/8.5	21/8.5
Air Flow (Min-Max)		m3/h	250 / 280 / 330 / 370 / 410 / 430 / 500	280 / 360 / 400 / 440 / 480 / 520 / 600
		CFM	147 / 165 / 194 / 218 / 241 / 294 / 294	165 / 212 / 235 / 259 / 282 / 306 / 353
Piping Connection	gas	in	3/8	1/2
	liquid	in	1/4	1/4

MULTI ZONE

OUTDOOR & INDOOR UNIT

MULTI ZONE OUTDOOR SERIES 2

18,000 - 56,000 BTU
16 SEER

MULTI ZONE OUTDOOR SERIES 3

18,000 - 42,000 BTU
22-20.5 SEER

MULTI ZONE INDOOR UNIT

- Wallmount
- Independence
- Constellation
- Console
- Floorceiling
- Slimduct
- Cassette

TOSOT

What is the "TOSOT Advantage"?

1. Access to one of the most comprehensive lines of mini-splits and multi-zones in North America.
2. The flexibility of dealing with a family owned supplier who cares about your needs. Flexible terms, flexible product offerings, flexible warranties, flexible stocking programs, flexible support programs all tailored to your needs.
3. The strength of a company which is devoted to the wholesale distributor and the wholesale representative. Too many manufacturers just look out for themselves, and do not honor their commitments if it is inconvenient. Tosot is different. Try us out and see what you think.
4. The strength of experience: Some of our staff members have been in the mini-split business segment since the beginning. They know the products, the manufacturers, and the needs of the market, and they bring that knowledge to you.
5. Quality products by the biggest and most successful manufacturers in the world.
6. Aggressive pricing.

INDOOR UNIT MATCH

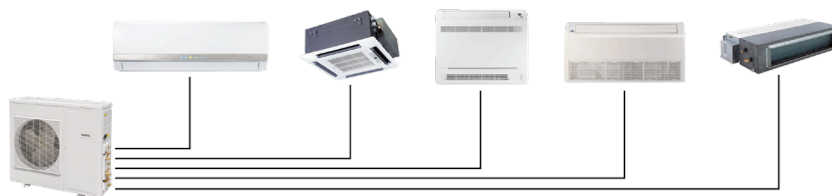
AVAILIBILITIES	MULTI ZONE SERIES 2	MULTI ZONE SERIES 3
WALLMOUNT	●	
INDEPENDENCE		●
CONSTELLATION		●
CONSOLE	●	●
FLOORCEILING	●	●
SLIMDUCT	●	●
CASSETTE	●	●

MULTI-ZONE OUTDOOR SERIES 2

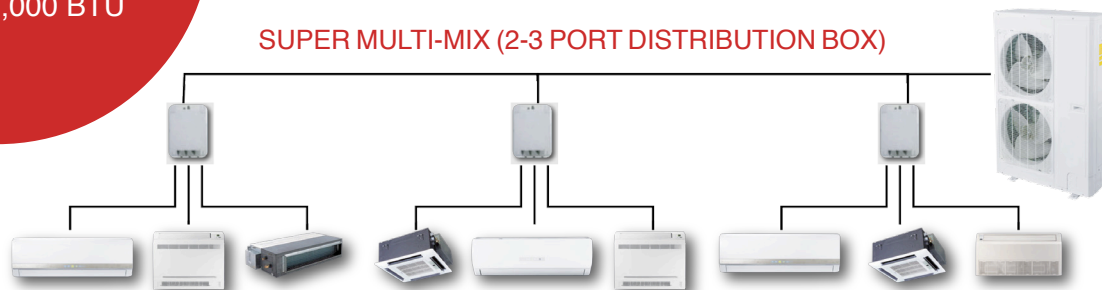
**MULTI-MIX
SUPER MULTI-MIX**
18,000 - 56,000 BTU
16 SEER

TOSOT
MULTI-ZONE

MULTI-MIX (MULTI PORTS)



SUPER MULTI-MIX (2-3 PORT DISTRIBUTION BOX)



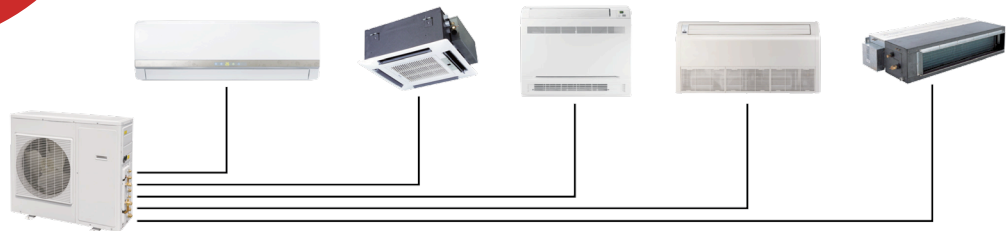
MODELS Outdoor Unit			TM18H2O	TM24H2O	TM30H2O	TM36H2O	TM42H2O	TM48H2O	TM56H2O
Number of ports			2 ports	3 ports	4 ports	4 ports	5 ports	Up to 8 units	Up to 9 units
Capacity	Cooling	Btu/h	18,000 (7,000-21,000)	26,000 (7,500-33,000)	29,000 (7,500-34,000)	34,000 (8,530-34,120)	41,000 (8,530-46,403)	48,000 (3,410-54,590)	53,000 (3,410-61,420)
	Heating	Btu/h	19,000 (8,530-22,600)	29,000 (7,500-35,000)	30,500 (7,500-36,000)	35,800 (10,662-40,944)	44,500 (10,662-47,768)	54,500 (4,090-58,000)	61,500 (4,090-63,120)
SEER			16	16	16	16	16	16	16
HSPF			8.20	8.20	8.20	8.20	8.00	8.20	8.20
Power Supply			208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Power input	Cooling	W	1,650 (680-2,800)	3,050 (650-4,500)	3,450 (650-4,500)	4,300	4,400	5,000	5,600
	Heating	W	1,640 (680-2,800)	2,800 (980-3,950)	2,850 (980-3,950)	3,600	4,600	4,400	5,200
Rated current	Cooling	A	8.09	14.96	16.93	19.2	19.5	23	23
	Heating	A	8.05	13.74	13.98	15.81	20.5	23	23
Airflow		CFM	1,530	1,530	1,530	2,177	3,237	3,766.40	4,119.50
		m3/h	2,600	2,600	2,600	3,700	5,500	6,400	7,000
Operating range	Cooling	°C	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43	-5 ~ 43
		°F	23 ~ 109	23 ~ 109	23 ~ 109	23 ~ 109	23 ~ 109	23 ~ 109	23 ~ 109
	Heating	°C	-20 ~ 20	-20 ~ 20	-20 ~ 20	-20 ~ 20	-20 ~ 20	-20 ~ 20	-20 ~ 20
		°F	-5 ~ 68	-5 ~ 68	-5 ~ 68	-5 ~ 68	-5 ~ 68	-5 ~ 68	-5 ~ 68
Sound Pressure Level		dB(A)	66	66	66	69	68	65	67
Piping Connection	Gas	inch	2x3/8	3x3/8	4x3/8	2x3/8 & 1x1/2 & 1x5/8	2x3/8 & 2x1/2 & 1x5/8	5/8	5/8
	Liquid	inch	2x1/4	3x1/4	4x1/4	3x1/4 & 1x3/8	4x1/4 & 1x3/8	3/8	3/8
Dimensions WxHxD		inch	35.4x23.5 x14.9	37.2x27.6 x15.6	37.2x27.6 x15.6	36.2x31.1 x16.8	40x43.4 x17.3	53.14x35.44 x13.39	53.14x35.44 x13.39
Net/Gross Weight		Lbs	94.8/105.8	134.5/145.5	136.7/147.7	152.6/165	225/247	255.74	255.74
Max. Total Distance		ft.	66	230	230	230	262	443	476
Max. Single Distance		ft.	33	66	66	66	82	180	180
Max Elevation		ft.	16	33	33	49	49	98	98
Pre-charge		ft.	25	25	25	25	25	25	25
MCA		A	13	20	26	28	29	30	30

MULTI-ZONE OUTDOOR SERIES 3

MULTI-MIX
18,000 - 42,000 BTU
22-20.5 SEER

TOSOT
MULTI-ZONE

MULTI-MIX (MULTI PORTS)



MODELS Outdoor Unit			TM18H3O	TM24H3O	TM30H3O	TM36H3O	TM42H3O
Number of ports			2 ports	3 ports	4 ports	4 ports	5 ports
Capacity	Cooling	Btu/h	18,000	26,000	29,000	34,000	39,000
	Heating	Btu/h	19,000	29,000	31,600	42,500	45,000
SEER			22	20.5	21	21	21
HSPF			9	10.2	10.2	10.2	10.2
Power Supply			208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Power Input	Cooling	W	1,650 (680-2,800)	2,740 (1,000-2,800)	2,420	2,800	3,740
	Heating	W	1,610 (680-2,800)	2,320 (880-2,900)	2,470	3,350	3,650
Rated Current		A	12.42	20.19	/	/	/
Airflow		CFM	1,883	2,354	2,330.46	4,531	4,531
		m3/h	3,200	4,000	3,960	7,700	7,700
Operating Range	Cooling	°C	-18 ~ 48	-18 ~ 48	-18 ~ 48	-18 ~ 48	-18 ~ 48
		°F	-1 ~ 118	-1 ~ 118	-1 ~ 118	-1 ~ 118	-1 ~ 118
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
		°F	-4 ~ 75	-4 ~ 75	-4 ~ 75	-4 ~ 75	-4 ~ 75
Sound Pressure Level		dB(A)	56	59	59	61	61
Piping Connection	Gas	inch	2 x 3/8	3 x 3/8	4 x 3/8	5 x 3/8	5 x 3/8
	Liquid	inch	2 x 1/4	3 x 1/4	4 x 1/4	5 x 1/4	5 x 1/4
Dimensions WxHxD		inch	37.6 x 27.55 x 15.6	38.6 x 31.1 x 16.8	38.6 x 31.1 x 17.3	42.8 x 43.4 x 17.3	42.8 x 43.4 x 17.3
Net/Gross Weight		Lbs	114.6/124.6	153.2/164.2	145.5/154.3	198.4/216	198.4/216
Max. Total Distance		ft.	65.6	197	230	246	246
Max. Single Distance		ft.	33	66	82.5	82,5	82.5
Max Elevation		ft.	33	33	49.5	49,5	49.5
Refrigerant Charge		Lbs	3.52	4.85	6.17	8.05	8.04
MCA		A	15	21	23	23	24
Loading Quantity			171	144	144	86	86

MULTI-ZONE
INDOOR SYSTEM
WALLMOUNT

SERIES 2 ONLY
9,000 BTU TO 18,000 BTU
Easy Install

TOSOT
MULTI-ZONE



MODEL			TW09HM2C2DI	TW12HM2C2DI	TW18HM2C2DI
Sound Pressure Level	dB(A)		49/44/40/35	44/39/36/33	49/44/40/35
Dehumidification	pt/h		1,27	2,96	3,8
Dimension W x H x D	in		33.3 x 10.8 x 7.1	33.3 x 10.8 x 7.1	37 x 11.7x 7.9
Net/Gross Weight	Lbs		22.1/27.6	22.1/27.6	28.7/35.3
Air Flow		CFM	500/459/383/324	335/277/253/218	500/459/383/324
Piping Connection	gas	in	3/8	3/8	1/2
	liquid	in	1/4	1/4	1/4

MULTI-ZONE
INDOOR SYSTEM
INDEPENDENCE

SERIES 3 ONLY
9,000 BTU TO 36,000 BTU
Easy Install

TOSOT
MULTI-ZONE



MODEL		TW09 HQ2A1D/I	TW12 HQ2A1D/I	TW18 HQ2A1D/I	TW24 HQ2A1D/I	TW30 HQ2A3D/I	TW36 HQ2A3D/I
Sound Pressure Level	dB(A)	43/39/ 35/29	45/39/ 35/29	47/43/ 40/39	48/44/ 40/36	51/45/ 41/37	54/49/ 44/37
Dehumidification	pt/h	1.69	2.96	3.8	4.23	6.54	7.40
Dimension W x H x D	in	33.4 x 11.4 x 8.2	33.4 x 11.4 x 8.2	38.2 x 11.8 x 8.8	42.4 x 12.8 x 9.7	53.1 x 12.8 x 10	53.1 x 12.8 x 10
Net/Gross Weight	Lbs	22.1 / 26.5	22.1 / 26.5	28.7 / 35.3	34.2 / 41.9	41.9 / 51.8	41.9 / 51.8
Air Flow		CFM	377/288/ 241/171	400/288/ 241/171	559/488/ 412/335	706/647/ 588/530	706/618/ 730/412
Piping Connection	gas	in	3/8	1/2	5/8	5/8	5/8
	liquid	in	1/4	1/4	1/4	1/4	1/4

MULTI-ZONE
INDOOR SYSTEM
CONSTELLATION

SERIES 2 & SERIES 3
9,000 BTU TO 24,000 BTU
Easy Install

TOSOT
MULTI-ZONE



MODEL			TW09HTA1DI	TW12HTA1DI	TW18HTA1DI	TW24HTA1DI
Sound Pressure Level	dB(A)		42/38/36/34 /30/26/23	44/38/36/34 /30/26/24	51/48/45/43 /39/36/33	52/49/47/45 /43/41/38
Dehumidification	pt/h		2.28	3.59	4.56	6.55
Dimension W x H x D	in		34.1 x 11.5 x 8.2	34.1 x 11.5 x 8.2	40.1 x 12.6 x 9.1	46.4 x 12.8 x 10.4
Net/Gross Weight	Lbs		24 / 31	24 / 31	31 / 42	40 / 53
Air Flow		CFM	418/300/282/247 /218 /182/ 118	453/312/288/259 /221 /182 /118	588/512/465/418 /371 /330 /282	706/647/589/530 /471 /412 /353
Piping Connection	gas	in	1/2	1/2	5/8	5/8
	liquid	in	1/4	1/4	1/4	1/4

MULTI-ZONE
INDOOR SYSTEM
CONSOLE

SERIES 2 & 3
9,000 BTU TO 12,000 BTU
Floor Warming Function

TOSOT
MULTI-ZONE



MODEL			TM09HEDI	TM12HEDI
Sound Pressure Level	dB(A)		40/38/36/33/30/27/25	42/40/38/37/35/32/27
Dehumidification	pt/h		1.69	2.96
Dimension W x H x D	in		27.6 x 23.6 x 8.5	27.6 x 23.6 x 8.5
Net/Gross Weight	Lbs		33.1 / 39.7	33.1 / 39.7
Air Flow (Min-Max)	m3/h		250 / 500	280 / 600
	CFM		147 / 294	164 / 353
Piping Connection	gas	in	3/8	3/8
	liquid	in	1/4	1/4

MULTI-ZONE
INDOOR SYSTEM
FLOORCEILING

SERIES 2 & 3
9,000 BTU TO 24,000 BTU
Wide Air Discharge

TOSOT
MULTI-ZONE



MODEL			TM09HTDI	TM12HTDI	TM18HTDI	TM24HTDI
Air Flow	CFM		383/324/265	383/324/265	559/412/294	736/530/412
Dehumidification	pt/h		1.69	2.96	3.8	5.28
Sound Pressure Level	dB(A)		40/38/36	40/38/36	45/42/40	48/46/44
Outline Dimension W x H x D	in		48.0x27.6x8.9	48.0x27.6x8.9	48.0x27.6x8.9	48.0x27.6x8.9
Net/Gross Weight	Lbs		88.2/110.2	88.2/110.2	88.2/110.2	99.3/119
Piping Connection	gas	in	3/8	3/8	1/2	5/8
	liquid	in	1/4	1/4	1/4	3/8

MULTI-ZONE
INDOOR SYSTEM
SLIMDUCT

SERIES 2 & 3
9,000 BTU TO 24,000 BTU
Powerful & Concealed

TOSOT
MULTI-ZONE

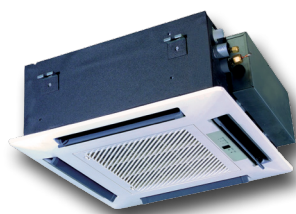


MODEL			TM09HFDI	TM12HFDI	TM18HFDI	TM24HFDI
Sound Pressure Level	dB(A)		37/31/29	39/35/32	41/37/33	42/38/34
Dehumidification	pt/h		1.69	2.96	3.8	5.28
Dimension W x H x D	in		27.6 x 7.9 x 24.2	27.6 x 7.9 x 24.2	35.4 x 7.9 x 24.2	43.3 x 7.9 x 24.2
Net/Gross Weight	Lbs		48.5/55.2	50/64	59/79	68/90
Air Flow	CFM		300/220/150	324/235/177	412/353/294	589/441/324
Piping Connection	gas	in	3/8	3/8	1/2	5/8
	liquid	in	1/4	1/4	1/4	3/8

MULTI-ZONE
INDOOR SYSTEM
CASSETTE

SERIES 2 & 3
12,000 BTU TO 24,000 BTU
Breeze Free Discharge

TOSOT
MULTI-ZONE



MODEL			TM12HKDI	TM18HKDI	TM24HKDI
Sound Pressure Level	dB(A)		46/44/42	46/44/42	39/37/35
Dehumidification	pt/h		2.96	3.80	5.28
Dimension W x H x D	body	in	22.4x9.1x22.4	22.4x9.1x22.4	33.1x9.5x33.1
	panel	in	25.6x2x25.6	25.6x2x25.6	37.4x2.4x37.4
Net/Gross Weight	Lbs		40/51	40/51	62/77
Air Flow	m3/h		600	600	1,180
	CFM		353	353	694
Piping Connection	gas	in	3/8	1/2	5/8
	liquid	in	1/4	1/4	3/8

MULTI-MIX
COMBINATIONS

We propose many combinations according to your specific needs. You can find below all possible combinations for 18, 24, 30, 36 and 42 outdoor unit model.

The icon represents our Wallmount indoor unit but you can do combinations with our other multi-zone products: Console, Floor-ceiling, Slimduct and Cassette.

You can find on our website **tosotusa.com** the possible combinations for 48 and 56 outdoor unit model in Multi-Mix Combinations section.

Depending on the selected outdoor unit you can do several combinations between one to nine indoor unit.



One Unit



Two Units



Three Units



Four Units



Five Units

MULTI-MIX COMBINATIONS POSSIBILITIES

COMBINATIONS	TM18H2O TM18H3O	TM24H2O TM24H3O	TM30H2O TM30H3O	TM36H2O TM36H3O	TM42H2O TM42H3O
09 + 09	●	●	●	●	●
09 + 12	●	●	●	●	●
09 + 18		●	●	●	●
09 + 24				●	●
12 + 12		●	●	●	●
12 + 18		●	●	●	●
12 + 24				●	●
18 + 18		●	●	●	●
18 + 24				●	●
24 + 24				●	●
09 + 09 + 09		●	●	●	●
09 + 09 + 12		●	●	●	●
09 + 09 + 18		●	●	●	●
09 + 09 + 24				●	●
09 + 12 + 12		●	●	●	●
09 + 12 + 18			●	●	●
09 + 12 + 24				●	●
09 + 18 + 18				●	●
09 + 18 + 24				●	●
09 + 24 + 24					●
12 + 12 + 12		●	●	●	●
12 + 12 + 18			●	●	●
12 + 12 + 24				●	●
18 + 18 + 18				●	●
18 + 18 + 24					●
09 + 09 + 09 + 09			●	●	●
09 + 09 + 09 + 12			●	●	●
09 + 09 + 09 + 18				●	●
09 + 09 + 09 + 24				●	●
09 + 09 + 12 + 12			●	●	●
09 + 09 + 12 + 18				●	●
09 + 09 + 18 + 18				●	●
09 + 12 + 12 + 12				●	●
09 + 12 + 12 + 18				●	●
09 + 12 + 12 + 24					●
09 + 12 + 18 + 18					●
09 + 18 + 18 + 18					●
12 + 12 + 12 + 12				●	●
12 + 12 + 12 + 18					●
12 + 12 + 12 + 24					●
12 + 12 + 18 + 18					●
09 + 09 + 09 + 09 + 09					●
09 + 09 + 09 + 09 + 12					●
09 + 09 + 09 + 09 + 18					●
09 + 09 + 09 + 09 + 24					●
09 + 09 + 09 + 12 + 12					●
09 + 09 + 09 + 12 + 18					●
09 + 09 + 09 + 18 + 18					●
09 + 09 + 12 + 12 + 12					●
09 + 09 + 12 + 12 + 18					●
09 + 12 + 12 + 12 + 12					●
09 + 12 + 12 + 12 + 18					●
12 + 12 + 12 + 12 + 12					●



WANT MORE INFORMATION ?

We'll be there for you



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GLOSSARY

AIRFLOW

A measure of the amount of air per unit of time that passes through the device. It is measured either in CFM (cubic foot per minute) or m³/h (cubic meter per hour).

COP

COP stands for Coefficient of Performance. It is the ratio between the cooling or heating provided and the electrical power consumption.

EER

EER stands for Energy Efficiency Rating. It measures the ratio of output power to the input power.

REFRIGERANT

A refrigerant is the substance used to «move» the heat outside (or inside) of the room where the device is. We use the refrigerant R-410A as it is environment friendly and allows for the design of smaller and more efficient systems compared to R-22.

BTU/h

BTU or Btu is the British thermal unit. It is the amount of energy needed to cool or heat 1 pound of water by 1°F. The Btu/h is the unit of power used in HVAC. It corresponds to approximately 0.29 Watt.

DEHUMIDIFICATION

A measure of the amount of water per unit of time that the device is able to extract from the ambient air. It is measured in Pth.

HSPF

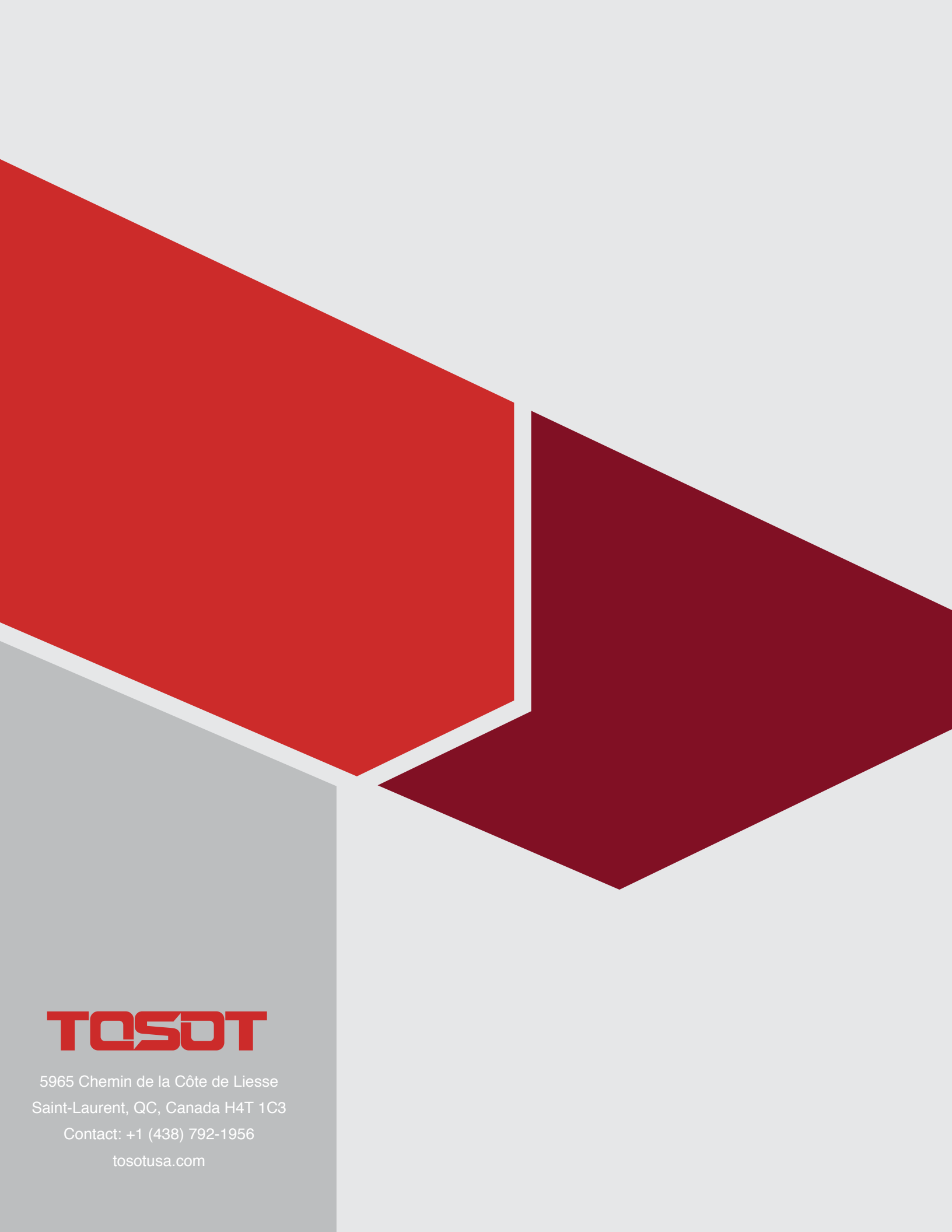
HSPF stands for Heating Seasonal Performance Factor. It is the ratio between the seasonal heating output and the electricity used.

SEER

SEER stands for Seasonal Energy Efficiency Ratio. It is the ratio between the seasonal cooling output and the electricity used.

SOUND PRESSURE LEVEL

Sound Pressure is the force of a sound on a surface perpendicular to its direction. It is measured in Pa (Pascal). The lowest sound pressure that can be heard is 2x10 Pa. The Sound Pressure Level is a comparison of the measured sound to the lowest sound pressure hearable. The units are expressed in terms of dB (decibel) which is not linear, that is, if the pressure is doubled, the Sound Pressure Level increases by 6dB. For example, the lowest hearable sound is 0dB while a quiet room is 40dB.



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