HEAT PUMPS

TOSOT

YOUR TRUSTED
COMPANION

TOSOTAMERICA.COM

YOUR TRUSTED COMPANION

YOUR TRUSTED COMPANION

Let us introduce ourselves. We are TOSOT Bathica. As your trusted companion, our role is to get you comfortably, efficiently, and reliably through the tough Canadian winters and the hot summer months. To achieve this, our team worked diligently identifying and analyzing four pillars of our global value package.

THOSE FOUR PILLARS ARE:

- 1. Reliable and efficient equipment
- 2. Support, Training and Education
- 3. Logistics
- 4. Communication

BENEFITS

- ULTRA HEAT heatpumps are our most efficient heatpumps
- Complete residential and light commercial line-up
- Designed for the North American climate
- Smart defrost, pan heaters and crankcase heaters
- Certifications: AHRI and Energy Star

Each pillar represents several constituents that are constantly being improved to maximize value for our dealers and distribution partners. Aside from the equipment, this also sets us apart from the rest in terms of level of excellence.

In many cold-climate regions of the world, the husky represents performance and reliability in extreme conditions. Snow, our husky, represents these values and reminds you that TOSOT Bathica will be Your Trusted Companion.

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APEX CENTRAL HEAT PUMPS

18-17.5 SEER INVERTER

24,000 BTU TO 60,000 BTU

ULTRA HEAT

YOUR TRUSTED COMPANION

- High And Low Pressure Protection Features
- 24V Controls Compatibility
- Overload Protection Features
- Field Adjustable Capacity
- 100% Heating Capacity at -20° C / -4° F
- Universal Indoor Unit Compatibility
- 78% Heating Capacit at -30° C / -22° F
- Built-In Drain Pan Heater
- Intelligent Defrost

OUTDOOR UNIT			TUN36WAD-U		TUN60WAD-U	
			24K	36K	48K	60K
Capacity (Min-Rated-Max)	Cooling	BTU/h	8000-24000-30000	10000-36000-40000	20000-48000-50000	25000-57000-60000
	Heating	BTU/h	8000-24000-30000	10000-36000-40000	20000-48000-50000	25000-57000-60000
SEER			18		18-17.5	
EER		(BTU/h)/w	11		10-11	
HSPF			10		9 / 9	
Refrigerant Charge		oz	123		197	
Piping Connection	Liquid	in.	Φ 3/8		Φ 3/8	
	Gas	in.	Φ 3/4		Φ 7/8	
Max total piping		ft.	100		164	
Max. Elevation		ft.	50		50	
Sound Pressure Level		dB(A)	52/55		58/60	
Net Weight		lb	209		304	
Power Supply			208-230V / 60Hz		208-230V / 60Hz	
Wire Size			AWG 18/4		AWG 18/4	
MOP / MCA		A	50 / 29		60 / 39	
Cooling Rated Amps		A	10		19/25	
Heating Rated Amps		A	11		20/25	
Compressor Type			Inverter Rotary		Inverter Rotary	
Dimensions (W x H x D)		in.	37 x 32.3 x 18		37 x 56.3 x 12.6	
AIR HANDLER			**TUD24AAD-U**	**TUD36AAD-U**	**TUD48AAD-U**	**TUD60AAD-U**
Cooling Capacity		BTU/h	24,000	36,000	48,000	54,000
Heating Capacity		BTU/h	27,000	40,000	54,000	60,000
Power Supply		V/Ph/Hz	208/230V~1~60Hz	208/230V~1~60Hz	208/230V~1~60Hz	208/230V~1~60Hz
Power Consumption		W	250	350	500	600
Airflow		CFM	941	1,176	1,600	2,200
ESP		in. W.G.	0.4	0.4	0.5	0.5
Sound Pressure Level		dB(A)	45	47	49	51
Piping Connection	Liquid	in.	Φ 3/8	Φ 3/8	Φ 3/8	Φ 3/8
	Gas	in.	Φ 3/4	Φ 3/4	Φ 7/8	Φ 7/8
Dimensions (W x H x D)		in.	21¼ x 48¼ x 21¼	21¼ x 48¼ x 21¼	24⅞ x 48¼ x 21¼	24⅞ x 48¼ x 21¼
Net Weight		lb	148	148	179	179

ENERGY STAR

SINGLE-ZONE LOMOPLUS HEAT PUMPS

38-21.5 SEER INVERTER

9,000 BTU TO 24,000 BTU

ULTRA HEAT

OUR MOST EFFICIENT HEAT PUMP

“I feel”

THERMOSTAT
(Optional)
XE71

YOUR TRUSTED COMPANION

- Superheat (2 stages)
- Wi-Fi ready
- LED display
- 80% heating capacity at -30° C / -22° F
- 100% heating capacity at -20° C / -4° F
- Low ambient cooling at -15° C / 5° F
- Optional wall thermostat
- Also available in Multi-Zone
- Rebates available with every utility company in North America

MODEL		TW09HQ3D6D	TW12HQ3D6D	TW18HQ3D6D	TW24HQ3D6D	TW36HQ3B2D*
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Rated Current Cooling	A	6.2	6.5	10.8	16.4	14,7
Rated Current Heating	A	6.9	6.9	10.8	16.4	14,6
SYSTEM PERFORMANCE						
Dehumidification	l/h	0.8	1.4	1.8	2.46	3,5
Cooling Capacity	BTU/h	9,000 (1,535 - 12,996)	12,000 (2,900 - 15,354)	18,000 (4,094 - 21,837)	22,000 (6,800 - 30,700)	33,000 (8,800--40,900_
Heating Capacity	BTU/h	9,000 (2,388 - 13,648)	12,200 (3,071 - 18,766)	18,000 (4,094 - 24,566)	24,000 (6,800 - 32,000)	34,600 (16,700-49,400)
SEER/EER		38 / 16.50	30.5 / 15.30	24.5 / 13.53	21.5 / 13.00	23
HSPF/COP		15 / 4.40	14 / 3.80	12 / 3.50	12 / 3.5	10,5
INDOOR UNIT		**TW09HQ3D6D-I**	**TW12HQ3D6D-I**	**TW18HQ3D6D-I**	**TW24HQ3D6D-I**	
Airflow (L/H)	PCM / *CFM*	206 / 424	235 / 500	353 / 736	383 / 824	441/824
Sound Pressure Level (L/H)	dB(A)	19 / 43	22 / 49	34 / 51	34 / 52	36/55
Unit Dimensions (WxHxD)	in.	39.2 x 11.8 x 8.8	39.2 x 11.8 x 8.8	43.3 x 12.8 x 9.8	43.3 x 12.8 x 9.8	53.1 x 12.8 x 10
Net/Gross Weight	lb	29.8 / 36.4	29.8 / 36.4	36.4 / 44.1	36.4 / 43	42 / 50
OUTDOOR UNIT		**TW09HQ3D6D-O**	**TW12HQ3D6D-O**	**TW18HQ3D6D-O**	**TW24HQ3D6D-O**	
Compressor Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
Sound Pressure Level	dB(A)	53	53	59	59	63
Unit Dimensions (WxHxD)	in.	35.3 x 23.4 x 14.8	35.3 x 23.4 x 14.8	38.5 x 31.1 x 16.8	38.5 x 31.1 x 16.8	43.5 x 43.5 x 17.3
Net/Gross Weight	lb	99.2 / 105.8	99.2 / 105.8	141.1 / 152.1	147.7 / 158.8	254/274
Refrigerant/Charge	oz.	R410A / 45.9	R410A / 49.4	R410A / 74.1	R410A / 81.1	R410A/123.5
Line Set Size (Liquid - Gas)	in.	1/4" – 1/2"	1/4" – 1/2"	1/4" – 5/8"	1/4" – 5/8"	1/4" – 5/8"
Max. Pipe Length	ft.	98.4	98.4	131.2	164	165
Max. Elevation	ft.	49.2	49.2	65.6	98.4	100
MCA	A	9	9	22	22	32
MOCP	A	15	15	30	35	50
Wire Size/# Wires		14 AWG*4 Stranded, unshielded				14/4

*Wifi optional, commercial series.

SINGLE-ZONE LOMO23 HEAT PUMPS

23-20 SEER INVERTER

9,000 BTU TO 36,000 BTU

THERMOSTAT
(Optional)
XE71

Wi-Fi MODULE AVAILABE
TL127000600_L72279

YOUR TRUSTED COMPANION

- LED display
- Heating down to -25° C / -13° F
- Low ambient cooling at -15° C / 5° F
- Optional wall thermostat
- Also available in Multi-Zone
- Rebates available with almost every utility company in North America

MODEL		TW09HQ2C2D	TW12HQ2C2D	TW18HQ2C2D	TW24HQ2C2D	TW30HQ2C2D	TW36HQ2C2D
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
Rated Current Cooling	A	5.8	6.0	10.4	14.5	17.0	20.0
Rated Current Heating	A	6.0	6.3	12.6	14.5	17.5	20.0
SYSTEM PERFORMANCE							
Dehumidification	pt/h	0.8	1.4	1.8	2.0	3.0	3.5
Cooling Capacity	BTU/h	9,000 (3,100 - 9,600)	12,000 (3,100 - 13,000)	18,000 (6,800 - 20,000)	22,000 (8,820 - 27,000)	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 (8,820 - 30,710)	28,400 (10,000 - 32,990)	34,600 (14,980 - 36,000)
SEER		23 / 14.29	22 / 12.50	20 / 12.50	20 / 12.50	18 / 10.40	18 / 8.20
HSPF/COP		10.5 / 3.16	11.0 / 3.46	10.0 / 3.35	10 / 3.37	9 / 3.0	9 / 2.7
INDOOR UNIT		**TW09HQ2C2D-I**	**TW12HQ2C2D-I**	**TW18HQ2C2D-I**	**TW24HQ2C2D-I**	**TW30HQ2C2D-I**	**TW36HQ2C2D-I**
Airflow (L/H)	CFM	171 / 377	171 / 400	335 / 559	530 / 706	412 / 706	412 / 736
Sound Pressure Level (L/H)	dB(A)	29 / 43	29 / 45	39 / 47	36 / 48	37 / 51	37 / 54
Unit Dim. (WxHxD)	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	lb	22.1 / 26.5	22.1 / 26.5	27.6 / 34.2	34.2 / 41.9	41.9 / 51.8	41.9 / 51.8
OUTDOOR UNIT		**TW09HQ2C2D-O**	**TW12HQ2C2D-O**	**TW18HQ2C2D-O**	**TW24HQ2C2D-O**	**TW30HQ2C2D-O**	**TW36HQ2C2D-O**
Compressor Type		SWING	SWING	ROTARY	ROTARY	ROTARY	ROTARY
Sound Pressure Level	dB(A)	53	54	55	59	62	65
Unit Dim. (WxHxD)	*in.*	33.4 x 21.3 x 12.6	33.4 x 23.6 x 12.6	37.6 x 27.6 x 12.6	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.9
Net/Gross Weight	lb	78 / 84	86 / 93	105 / 115	142 / 153	154 / 165	161 / 172
Refrigerant/Charge	oz.	R410A / 45.9	R410A / 47.6	R410A / 56.4	R410A / 77.6	R410A / 84.6	R410A / 91.7
Line Set Size (Liquid - Gas)	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. Pipe Length	ft.	49.2	65.6	82	82	98.4	98.4
Max. Elevation	ft.	49	49	49	49	49	49
MCA	A	9	9	16	20	20	24
MOCP	A	15	15	25	30	30	40
Wire Size/# Wires		14 AWG*4 Stranded, unshielded					

SINGLE-ZONE LOMO ECO HEAT PUMPS

XXXXXX

xxxxx BTU TO xxxxx BTU

THERMOSTAT
(Optional)
XE71

YOUR TRUSTED COMPANION

- LED Display
- Low Ambient Heating down to -20C/-4F
- Low Ambient Cooling down to -18C/0F

MODEL	UNITS	TW09HQ1B2D	TW12HQ1B2D	TW18HQ1B2D	TW24HQ1B2D
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph
Rated Current Cooling	A	4,3	5,6	9	8,5
Rated Current Heating	A	3,8	5,1	7,8	8,5
SYSTEM PERFORMANCE					
Dehumidification	pt/h	1,6	2,9	3,8	4,23
Cooling Capacity	BTU/h	2,457 (9,100-9,600)	3,494 (12,000-12,624)	4,094 (17,400-20,000)	5,900 (22,000-25,200)
Heating Capacity	BTU/h	2,457 (9,500-11,500)	2,388 (13,000-13,648)	4,100 (18,000-21,000)	4,500 (24,000-25,900)
SEER		17	17	16	19
HSPF/COP		9	9	9	10
INDOOR UNIT					
Airflow (L/H)	PCM / *CFM*	182/294	182/371	335/471	412/677
Sound Pressure Level (L/H)	dB(A)	26/39	28/42	35/47	37/49
Unit Dim. (WxHxD)	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	42.5 x 12.8 x 9.7
Net/Gross Weight	lb	19.8/24.3	22/26.5	29.8/36.4	37.5/45.2
OUTDOOR UNIT					
Compressor Type		Rotary	Rotary	Rotary	Twin Rotary
Sound Pressure Level	dB(A)	50	50	56	59
Unit Dim. (WxHxD)	in.	30.8 × 21.3 × 12.6	30.8 × 21.3 × 12.6	35.9 x 25.4 x 14.7	35.9 x 25.4 x 14.7
Net/Gross Weight	lb	58.4/63.9	62.8/68.4	87.1/93.7	97/103.6
Refrigerant/Charge	oz.	R410A/24	R410A/28.2	R410A/42.3	R410A/52.9
Line Set Size (Liquid - Gas)	in.	1/4" – 3/8"	1/4" – 3/8"	1/4" – 1/2"	1/4" - 5/8"
Max. Pipe Length	ft.	50	66	82	82
Max. Elevation	ft.	33	33	33	33
MCA	A	10	9	15	19
MOCP	A	15	15	20	30
Wire Size/# Wires		14 AWG*4 Stranded, unshielded			

SINGLE-ZONE LOMO16 HEAT PUMPS

16 SEER INVERTER

9,000 BTU TO 24,000 BTU

THERMOSTAT
(Optional)
XE71

YOUR TRUSTED COMPANION

- LED display
- Heating down to -20° C / -4° F
- Low ambient cooling at -15° C / 5° F
- Optional wall thermostat

- LED display
- Heating down to -20° C / -5° F
- Low ambient cooling at -15° C / 5° F
- Optional wall thermostat
- Built-In Drain Pan Heater

MODEL		TW09HQ1C8D	TW12HQ1C8D	TW18HQ1C8D	TW24HQ1C8D	LOMO 16 115V TW09HQ1B8A	LOMO 16 115V TW12HQ1B8A
Power Supply		208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	208-230V, 60Hz, 1Ph	115V, 60Hz, 1Ph	115V, 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	l/h	0.8	1.4	1.8	2.5	0.8	1.4
Cooling Capacity	BTU/h	9,000 (3,099 - 9,599)	12,000 (3,753 - 12,500)	18,000 (7,165 - 20,000)	22,000 (8,630 - 23,200)	9,000 (2,764 - 10,918)	12,000 (3,753 - 12,500)
Heating Capacity	BTU/h	9,500 (3,100 - 12,000)	13,000 (3,924 - 14,000)	19,000 (7,336 - 23,498)	23,000 (8,650 - 26,000)	9,500 (2,081 - 12,283)	13,000 (3,412 - 15,013)
SEER		16 / 10.0	16 / 9.23	16 / 9.37	16 / 9.73	16 / 9.55	16 / 10.55
HSPF/COP		9.0 / 3.48	9.0 / 3.05	9.0 / 2.78	9.0 / 2.93	9.0 / 3.3	9.0 / 3.1
INDOOR UNIT		**TW09HQ1C8D-I**	**TW12HQ1C8D-I**	**TW18HQ1C8D-I**	**TW24HQ1C8D-I**	**TW09HQ1B8A-I**	**TW12HQ1B8A-I**
Airflow (L/H)	PCM / CFM	171 / 318	194 / 400	282 / 471	530 / 706	171 / 318	194 / 400
Sound Pressure Level (L/H)	dB(A)	28 / 43	29 / 45	35 / 46	36 / 48	43/38/34/28	45/39/35/29
Unit Dimensions (WxHxD)	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	31.1 x 10.8 x 7.9	33.3 x 11.4 x 8.2
Net/Gross Weight	lb	20 / 24	23.1 / 29	29.8 / 36	37.5 / 45	20	23.1
OUTDOOR UNIT		**TW09HQ1C8D-O**	**TW12HQ1C8D-O**	**TW18HQ1C8D-O**	**TW24HQ1C8D-O**	**TW09HQ1B8A-I**	**TW12HQ1B8A-I**
Compressor Type		Swing	Swing	Rotary	Rotary	Swing	Swing
Sound Pressure Level	dB(A)	52	53	56	59	52	53
Unit Dimensions (WxHxD)	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	30.6 x 21.3 x 12.6	30.6 x 21.3 x 12.6
Net/Gross Weight	lb	65 / 71	69 / 75	96 / 106	110 / 120	65	69
Refrigerant/Charge	oz.	R410A / 24.7	R410A / 30.0	R410A / 49.4	R410A / 65.3	R410A / 24.7	R410A / 30.0
Line Set Size (Liquid - Gas)	in.	1/4" – 3/8"	1/4" – 3/8"	1/4" – 1/2"	1/4" – 5/8"	1/4» – 3/8»	1/4» – 3/8»
Maximum Pipe Length	ft.	49.2	49.2	82	82	49.2	66
Maximum Elevation	ft..	49	49	49	49	49	49
MCA	A	9	9	16	16	17	20
MOCP	A	15	15	25	25	25	30
Wire Size/# Wires		14 AWG*4 Stranded, unshielded				114 AWG*4 Stranded, unshielded	

OUTDOOR UNITS

MULTI ZONE HEAT PUMPS

SEER 23

18,000 BTU TO 42,000 BTU

ULTRA HEAT

- Heating down to -30° C / -22° F
- Built-In Drain Pan Heater

YOUR TRUSTED COMPANION

MODEL			TM18H5-O	TM24H5-O	TM36H5-O	TM42H5-O
Number of ports			2 ports	3 ports	4 ports	5 ports
Capacity	Cooling	BTU/h	18,000 (6,998 - 21,000)	22,000 (7,500 - 33,000)	36,000 (8,871 - 42,650)	42,000 (8,871 - 42,991)
	Heating	BTU/h	21,000 (7,000 - 26,000)	26,000 (7,650 - 31,000)	36,000 (8,871 - 42,514)	42,000 (8,871 - 46,062)
SEER			23	23	23	23
HSPF / COP			10.5 / 3.6	10.5 / 3.66	10 / 3.21	10 / 3.42
Power Supply			208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz
Airflow		CFM	2,530	2,530	3,060	3,060
Operating Range	Cooling	°C	-18 ~ 48	-18 ~ 48	-18 ~ 46	-18 ~ 48
		°F	0 ~ 118	0 ~ 118	0 ~ 115	0 ~ 118
	Heating	°C	-35 ~ 24	-35 ~ 24	-35 ~ 24	-35 ~ 24
		°F	-31 ~ 75	-31 ~ 75	-31 ~ 75	-31 ~ 75
Sound Pressure Level		dB(A)	58	60	62	62
Piping Connection	Liquid	in.	2 x 1/4	3 x 1/4	4 x 1/4	5 x 1/4
	Gaz	in.	2 x 3/8	3 x 3/8	4 x 3/8	5 x 3/8
Dimensions (W x H x D)		in.	36.22 x 31.1 x 15	36.2 x 31.1 x 14.6	40 x 43.5 x 17.3	40 x 43.5 x 17.3
Net Weight		lb	172	174	280	282
Max. Total Piping		ft.	164	229.6	246.0	246.0
Max. Single Distance		ft.	82	82	82	82.0
Max. Elevation		ft.	26	26	49.2	49.2
Refrigerant Charge		lb	4.85	6	10	11
MOP / MCA		A	35 / 23	40 / 23	60 / 36	60 / 38

* Energy star with every head combination except for slimduct

22-20.5 SEER

18,000 BTU TO 56,000 BTU

MULTI ZONE HEAT PUMPS

OUTDOOR UNITS

› Heating down to -20° C / -5° F

YOUR TRUSTED COMPANION

MODEL			TM18H4-O	TM24H4-O	TM30H4-O	TM36H4-O	TM42H3-O	TM48H2-O	TM56H2-O
								Branch box(es) and wye joint(s) required (sold separately)	
Number of ports			2 ports	3 ports	4 ports	5 ports	5 ports	8 ports	9 ports
Capacity	Cooling	BTU/h	18,000 (6,998 - 21,000)	24,000 (7,500 - 33,000)	28,400 (8,188 - 33,438)	34,000 (8,871 - 35,826)	39,000 (8,871 - 40,944)	48,000 (3,410 - 54,590)	53,000 (3,410 - 61,420)
	Heating	BTU/h	19,000 (7,000 - 22,600)	26,000 (7,500 - 27,978)	30,000 (8,189 - 32,414)	42,500 (8,871 - 44,356)	45,000 (8,871 - 46,062)	54,500 (4,090 - 58,000)	61,500 (4,090 - 63,120)
SEER			22	21	21	21	21	16	16
HSPF / COP			10.5 / 3.66	10.5 / 3.72	10.5 / 3.74	10.5 / 3.70	10.2 / 3.61	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
Airflow		*CFM*	1,883	2,354	2,354	4,531	4,531	3,766.40	4,119.50
Operating Range	Cooling	°C	-18 ~ 48	-18 ~ 48	-18 ~ 48	-18 ~ 48	-18 ~ 48	-5 ~ 43	-5 ~ 43
		°F	0 ~ 118	0 ~ 118	0 ~ 118	0 ~ 118	0 ~ 118	23 ~ 109	23 ~ 109
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 30	-20 ~ 30	-20 ~ 30	-20 ~ 20	-20 ~ 20
		°F	-5 ~ 75	-5 ~ 75	-5 ~ 86	-5 ~ 86	-5 ~ 86	-5 ~ 68	-5 ~ 68
Sound Pressure Level		dB(A)	56	58	59	61	61	65	67
Piping Connection	Liquid	in.	2 x 1/4	3 x 1/4	4 x 1/4	5 x 1/4	5 x 1/4	3/8	3/8
	Gas	in.	2 x 3/8	3 x 3/8	4 x 3/8	5 x 3/8	5 x 3/8	5/8	5/8
Dimensions (W x H x D)		in.	37.6 x 27.5 x 15.6	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8	42.8 x 43.4 x 17.3	42.8 x 43.4 x 17.3	53.14 x 35.44 x13.39	53.14 x 35.44 x13.39
Net/Gross Weight		lb	114.4 / 125	152.9 / 164.2	154.0 / 169	198.0 / 216	198.4 / 216	255.74	255.74
Max. Total Piping		ft.	65.6	196.8	229.6	246.0	246.0	443	476
Max. Single Distance		ft.	49	65.6	82.0	82.0	82.0	180	180
Max. Elevation		ft.	49	49	49.2	49.2	49.2	98	98
Refrigerant Charge		lb	3.5	4.8	6.2	8.0	8.0	25	25
MOCP		A	25	30	30	35	40	30	30

INDOOR UNITS

MULTI ZONE HEAT PUMPS

EASY INSTALLATION

WALLMOUNT

9,000 BTU TO 24,000 BTU

THERMOSTAT
(Optional)
XE71

› Optional wall thermostat

YOUR TRUSTED COMPANION

› LED display
› Wireless remote included
› Rebates available with every utility company in North America
› Optional Wifi

MODEL			TW09HQ2C2D-I	TW12HQ2C2D-I	TW18HQ2C2D-I	TW24HQ2C2D-I
Cooling/heating Capacity		BTU/h	9,000/11,000	12,000/13,000	18,000/19,800	22,000/23,000
Sound Pressure Level (L/H)		dB(A)	29 / 43	29 / 45	39 / 47	36 / 48
Dehumidification		l/h	0.8	1.4	1.8	2.0
Airflow (L/H)		CFM	171 / 377	171 / 400	335 / 559	530 / 706
Dimensions (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
Net/Gross Weight		lb	22.1 / 26.5	22.1 / 26.5	27.6 / 34.2	34.2 / 41.9
Piping Connection	Liquid	in.	1/4	1/4	1/4	1/4
	Gas	in.	3/8	1/2	5/8	5/8

FLOOR WARMING FUNCTION

CONSOLE

9,000 BTU TO 18,000 BTU

THERMOSTAT
(Included)
XE71

MODEL			TM09HED-I	TM12HED-I	TM18HED-I
Cooling/heating Capacity		BTU/h	9,000 / 9,500	12,000 / 13,000	18,089 / 19,795
Sound Pressure Level (L/H)		dB(A)	25 / 40	27 / 43	32 / 48
Dehumidification		l/h	0.8	1.4	1.8
Airflow (L/H)		PCM / CFM	188 / 382	206 / 441	220 / 465
Dimensions (W x H x D)		in.	27.6 x 23.6 x 8.5	27.6 x 23.6 x 8.5	27.6 x 23.6 x 8.5
Net/Gross Weight		lb	33.1 / 39.7	33.1 / 39.7	33.1 / 39.7
Piping Connection	Liquid	in.	1/4	1/4	1/4
	Gas	in.	3/8	3/8	1/2

WIDE AIR DISCHARGE

FLOOR-CEILING

9,000 BTU TO 24,000 BTU

MULTI ZONE HEAT PUMPS

INDOOR UNITS

THERMOSTAT
(Included)
MC20700140 (XK19)

YOUR TRUSTED COMPANION

- LED display
- Wall thermostat included
- Rebates available with every utility company in North America
- Wired controller + Wireless remote

MODEL			TM09HTD-I	TM12HTD-I	TM18HTD-I	TM24HTD-I
Cooling/heating Capacity		BTU/h	8,500 / 9,500	11,900 / 13,100	17,000 / 18,700	22,800 / 27,400
Sound Pressure Level (L/H)		dB(A)	36 / 40	36 / 40	40 / 45	44 / 48
Dehumidification		l/h	0.8	1.4	1.8	2.5
Airflow (L/H)		CFM	265 / 383	265 / 383	294 / 559	412 / 736
Dimensions (W x H x D)		in.	48.0 x 27.6 x 8.9	48.0 x 27.6 x 8.9	48.0 x 27.6 x 8.9	48.0 x 27.6 x 8.9
Net/Gross Weight		lb	88.1 / 110.2	88.1 / 110.2	88.1 / 110.2	99.2 / 119
Piping Connection	Liquid	in.	1/4	1/4	1/4	3/8
	Gas	in.	3/8	3/8	1/2	5/8

BREEZE FREE DISCHARGE

CASSETTE

12,000 BTU TO 24,000 BTU

MULTI ZONE HEAT PUMPS

INDOOR UNITS

THERMOSTAT
(Included)
MC20700140 (XK19)

YOUR TRUSTED COMPANION

- Internal condensate pump
- Wired controller
- Internal condensate pump

MODEL			TM12HKD-I	TM18HKD-I	TM24HKD-I
Cooling/heating Capacity		BTU/h	12,000 / 13,000	15,354 / 17,000	22,800 / 27,400
Sound Pressure Level (L/H)		dB(A)	42 / 46	42 / 46	35 / 39
Dehumidification		l/h	1.8	2.5	2.8
Airflow (L/H)		PCM / *CFM*	265 / 353	265 / 353	500 / 694
Dimensions (W x H x D)	Corps	in.	22.4 x 9.1 x 22.4	22.4 x 9.1 x 22.4	33.1 x 9.5 x 33.1
	Panneau	in..	25.5 x 1.9 x 25.5	25.5 x 1.9 x 25.5	37.4 x 2.3 x 37.4
Net/Gross Weight		lb	39.6 / 51	39.6 / 51	62 / 78
Piping Connection	Liquid	in.	1/4	1/4	3/8
	Gas	in.	3/8	1/2	5/8

INDOOR UNITS

POWERFUL & CONCEALED

SLIMDUCT

9,000 BTU TO 24,000 BTU

THERMOSTAT XK19

YOUR TRUSTED COMPANION

- LED display
- Wall thermostat & wireless remote included
- Internal condensate pump
- Rebates available with every utility company in North America

LOW STATIC

MODEL			TM09HFD-I	TM12HFD-I	TM18HFD-I	TM24HFD-I
Cooling/heating Capacity		BTU/h	8,500 / 9,500	11,900 / 13,100	15,300 / 18,700	23,800 / 27,400
Sound Pressure Level (L/H)		dB(A)	31 / 37	32 / 39	33 / 41	34 / 42
Dehumidification		l/h	0.8	1.4	1.8	2.5
Airflow (L/H)		PCM / *CFM*	147 / 265	176 / 324	294 / 412	324 / 588
Dimensions (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		lb	48.5 / 60	50.7 / 64	59.5 / 79	68.3 / 90
Piping Connection	Liquid	*in.*	1/4	1/4	1/4	3/8
	Gas	*in.*	3/8	3/8	1/2	5/8
PSE / ESP		in. WG	.025 / .04	.030 / .040	.032 / .040	.035 / .040

HIGH STATIC

MODEL			TM09HSFDI	TM12HSFDI	TM18HSFDI	TM24HSFDI
Cooling/heating Capacity		BTU/h	9,000/9,500	12,000/13,000	18,000/19,000	24,000/27,000
Sound Pressure Level (L/H)		dB(A)	25/46	26/48	26/49	28/52
Dehumidification		l/h	0,8	1,4	1,8	2,5
Airflow (L/H)		PCM / *CFM*	188/324	212/353	288/589	406/736
Dimensions (W x H x D)		in.	32.5 x 11.75 x 29.75	32.5 x 11.75 x 29.75	44.5 x 11.75 x 29.75	44.5 x 11.75 x 29.75
Net/Gross Weight		lb	71/80	71/80	93/100	93/100
Piping Connection	Liquid	*in.*	1/4	1/4	1/4	3/8
	Gas	*in.*	3/8	1/2	5/8	5/8
PSE / ESP		in. WG	0,6	0,6	0,8	0,8
Drain Line			1"	1"	1"	1"

Multi-Zone split systems are designed to provide comfort, uncompromising personal style, quiet operation and installation flexibility. Simply choose the type of indoor unit and capacity for each room, and then select your system from our matching outdoor/indoor unit combinations chart (below). For a complete list of matching combinations and capacities, please refer to www.tosotamerica.com or check with your TOSOT dealer/installer.

TM SERIES MULTI ZONE

MODEL TM18H4-O & TM18H5-O — 5 COMBINATIONS

1 UNIT	2 UNITS
9	9+9
12	9+12
	12+12

MODEL TM30H4-O — 16 COMBINATIONS

2 UNITS		3 UNITS			4 UNITS	
9+9	9+12	9+9+9	9+9+12	9+9+19	9+9+9+9	9+9+9+12
9+18	12+12	9+12+12	9+12+18	12+12+12	9+9+12+12	
12+18	18+18	12+12+18				

MODEL TM24H4-O & TM24H5-O — 11 COMBINATIONS

2 UNITS		3 UNITS	
9+9	9+12	9+9+9	9+12+12
9+18	12+12	9+9+12	9+9+18
12+18	18+18	12+12+12	

MODEL TM36H4-O & TM36H5-O — 34 COMBINATIONS

2 UNITS		3 UNITS			4 UNITS	
9+9	12+18	9+9+9	9+12+18	12+12+12	9+9+9+9	9+9+12+18
9+12	12+24	9+9+12	9+12+24	12+12+18	9+9+9+12	9+9+18+18
9+18	18+18	9+9+18	9+18+18	12+12+24	9+9+9+18	9+12+12+12
9+24	18+24	9+9+24	9+18+24	12+18+18	9+9+9+24	9+12+12+18
12+12	24+24	9+12+12		18+18+18	9+9+12+12	12+12+12+12

MODEL TM42H3-O & TM42H5-O — 57 COMBINATIONS*

2 UNITS		3 UNITS			4 UNITS			5 UNITS	
9+12	12+24	9+9+9	9+12+24	12+12+24	9+9+9+9	9+9+12+24	9+12+18+18	9+9+9+9+9	9+9+9+18+18
9+18	18+18	9+9+12	9+18+18	12+18+18	9+9+9+12	9+9+18+18	9+18+18+18	9+9+9+9+12	9+9+12+12+12
9+24	18+24	9+9+18	9+18+24	12+18+24	9+9+9+18	9+9+18+24	12+12+12+12	9+9+9+9+18	9+9+12+12+18
12+12	24+24	9+9+24	9+24+24	12+24+24	9+9+9+24	9+12+12+12	12+12+12+18	9+9+9+9+24	9+12+12+12+12
12+18		9+12+12	12+12+12	18+18+18	9+9+12+12	9+12+12+18	12+12+12+24	9+9+9+12+12	9+12+12+12+18
		9+12+18	12+12+18	18+18+24	9+9+12+18	9+12+12+24	12+12+12+18+18	9+9+9+12+18	12+12+12+12+12

*24K size is reserved for ceiling cassettes, conceiled ducts, and floor/ceiling units only not wall mount units.

MODEL TM48H2O — 90 COMBINATIONS

2 UNITS	3 UNITS		4 UNITS		5 UNITS		6 UNITS	7 UNITS
9+18	9+9+9	12+12+12	9+9+9+9	9+12+12+12	9+9+9+9+9	9+9+12+12+24	9+9+9+9+9+9	9+9+9+9+9+9+9
9+24	9+9+12	12+12+18	9+9+9+12	9+12+12+18	9+9+9+9+12	9+9+12+18+18	9+9+9+9+9+12	9+9+9+9+9+9+12
12+12	9+9+18	12+12+24	9+9+9+18	9+12+12+24	9+9+9+9+18	9+9+12+18+24	9+9+9+9+9+18	9+9+9+9+9+9+18
12+18	9+9+24	12+18+18	9+9+9+24	9+12+12+18	9+9+9+9+24	9+9+12+12+12	9+9+9+9+9+24	9+9+9+9+9+12+12
12+24	9+12+12	12+18+24	9+9+12+12	9+12+18+24	9+9+9+12+12	9+12+12+12+18	9+9+9+9+12+12	9+9+9+9+12+12+12
18+18	9+12+18	12+24+24	9+9+12+18	9+12+24+24	9+9+9+12+18	9+12+12+12+24	9+9+9+9+12+18	
18+24	9+12+24	18+18+18	9+9+12+24	9+18+18+18	9+9+9+12+24	9+12+12+18+18	9+9+9+9+12+24	
24+24	9+18+18	18+18+24	9+9+18+18	9+18+18+24	9+9+9+18+18	12+12+12+12+12	9+9+9+12+12+12	
	9+18+24	24+24+24	9+9+18+24	12+12+12+12	9+9+9+18+24	12+12+12+12+18	9+9+9+12+12+18	
	9+24+24				9+9+12+12+12	12+12+12+12+24	9+9+12+12+12+12	
					9+9+12+12+18	12+12+12+18+18	9+9+12+12+12+18	

MODEL TM56H2O — 131 COMBINATIONS

2	3 UNITS			4 UNITS				5 UNITS			6 UNITS		
9+18	9+9+12	9+18+24	12+18+24	9+9+9+9	9+9+18+24	9+18+18+18	12+12+18+24	9+9+9+9+9	9+9+9+12+18	9+12+12+18+18	9+9+9+9+9+9	9+9+9+12+12+12	9+9+12+12+18+18
9+24	9+9+18	9+24+24	12+24+24	9+9+9+12	9+9+24+24	9+18+18+24	12+12+24+24	9+9+9+9+12	9+9+12+12+24	9+12+12+18+24	9+9+9+9+9+12	9+9+9+12+12+18	9+12+12+12+12+12
12+18	9+9+24	12+12+12	18+18+18	9+9+9+18	9+12+12+12	9+18+24+24	12+18+18+18	9+9+9+9+18	9+9+12+18+18	9+12+12+24+24	9+9+9+9+9+18	9+9+9+12+12+24	9+12+12+12+12+18
12+24	9+12+12	12+12+18	12+18+24	9+9+9+24	9+12+12+18	9+24+24+24	12+18+18+24	9+9+9+9+24	9+9+12+18+24	12+12+12+12+12	9+9+9+9+9+24	9+9+9+12+18+18	9+12+12+12+12+24
18+18	9+12+18	12+12+24	18+24+24	9+9+12+12	9+12+12+24	12+12+12+12	12+18+24+24	9+9+9+12+12	9+9+12+24+24	12+12+12+12+18	9+9+9+9+12+12	9+9+9+12+12+12	9+12+12+12+18+18
18+24	9+12+24	12+18+18	24+24+24	9+9+12+18	9+12+18+18	12+12+12+18	18+18+18+18	9+9+9+12+18	9+9+18+18+18	12+12+12+12+24	9+9+9+9+12+18	9+9+12+12+12	12+12+12+12+12+12
24+24	9+18+18			9+9+12+24	9+12+18+24	12+12+12+24	18+18+18+24	9+9+9+12+24	9+9+18+18+24	12+12+12+18+18	9+9+9+9+12+24	9+9+12+12+18	12+12+12+12+12+12
				9+9+18+18	9+12+24+24	12+12+18+18		9+9+9+18+18	9+12+12+12+12	12+12+12+18+24	9+9+9+9+18+18	9+9+12+12+24	
								9+9+9+18+24	9+12+12+12+18	12+12+18+18+18	9+9+9+9+18+24		
								9+9+12+12+12	9+12+12+12+24				

MODEL TM56H2O

7 UNITS			8 UNITS	9 UNITS
9+9+9+9+9+9+9	9+9+9+9+9+12+18	9+9+9+12+12+12+12	9+9+9+9+9+9+9+9	9+9+9+9+9+9+9+9+9
9+9+9+9+9+9+12	9+9+9+9+9+12+24	9+9+9+12+12+12+18	9+9+9+9+9+9+9+12	
9+9+9+9+9+9+18	9+9+9+9+9+18+18	9+9+12+12+12+12+12	9+9+9+9+9+9+9+18	
9+9+9+9+9+9+24	9+9+9+9+12+12+12	9+12+12+12+12+12+12	9+9+9+9+9+9+12+12	
9+9+9+9+9+12+12	9+9+9+9+12+12+18		9+9+9+9+9+12+12+12	

OUTDOOR UNITS

1-to-1 COMMERCIAL INVERTER SERIES HEAT PUMPS

SEER 18-16

18 000 BTU À 48 000 BTU

Reliable, efficient, sophisticated and powerful are the words that best describe the LIGHT COMMERCIAL series. The Light Commercial series is a very quiet, BMS capable, inverter driven mini-split using R410A refrigerant that is engineered to provide heat even at -20° C / -4° F. The variety of indoor units will help you with any type of commercial applications, we have cassettes, slim-ducts or floor-ceiling units to cool or heat your environment. If you are looking for technology, comfort, reliability and an efficient auxiliary source of heating, the LIGHT COMMERCIAL series is for you.

- Heating down to -20° C / -4° F
- Built-In Drain Pan Heater

INDOOR UNITS

- Cassette – Slim-duct – Floor-ceiling
- BMS capable
- LED display

3-DIMENSIONAL BLADE
FOR QUIET OPERATION

CASSETTE TYPE

1-to-1 COMMERCIAL
INVERTER SERIES
HEAT PUMPS

INDOOR
UNITS

THERMOSTAT
(Optionalf)
XK60

YOUR TRUSTED
COMPANION

- Wireless remote included
- Internal condensate pump
- Fresh air intake

MODEL			18	24	30	36	42	48
Capacity	Cooling	BTU/h	17,100 (5,400-18,700)	23,800 (8,200-29,000)	28,200 (8,800-31,400)	34,000 (10,800-39,000)	39,500 (11,000-41,000)	48,000 (20,400-50,500)
	Heating	BTU/h	18,400 (4,700-22,200)	27,200 (8,200-32,400)	31,200 (8,200-33,600)	41,000 (9,800-49,500)	44,000 (12,000-51,000)	54,500 (17,500-61,500)
SEER/HSPF			16.00/9.50	16.00/9.00	17.00/9.00	16.00/9.00	16.00/9.00	16.00/9.00
Power Supply		V/ph/hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Rated Current	Cooling	A	12.79	19.44	19.95	23.79	24.30	34.27
	Heating	A	12.28	20.46	20.97	24.30	25.06	33.25
Refrigerant charge		Oz	43.5	77.6	84.7	123.5	130.5	141.1
COP		W/W	3.00	3.39	3.68	3.20	2.92	3.3
Dehumidification		l/h	0.85	1.14	1.42	1.61	1.75	2.13
INDOOR UNIT			**TU18HK-I**	**TU24HK-I**	**TU30HK-I**	**TU36HK-I**	**TU42HK-I**	**TU48HK-I**
Airflow		PCM / CFM	445	765	880	1,095	1,095	1,350
Sound Pressure Level (L/H)		dB(a)	37/47	38/47	40/49	43/51	43/51	41/53
Body Dimensions (W x H x D)	Outline	in.	26.2x9.4x23.5	36.1x9.4x33.1	36.1x12.6x33.1	36.1x12.6x33.1	36.1x12.6x33.1	36.8x11.4x35.8
Body Weight	Net/Gross	lb	44.1/49	59.5/63	70.6/74	70.6/74	70.6/74	94.8/97
Panel Dimensions (W x H x D)	Outline	in.	26.4x2.0x26.4	37.5x2.4x37.5	37.5x2.4x37.5	37.5x2.4x37.5	37.5x2.4x37.5	40.9x2.6x40.9
Panel Weight	Net/gross	lb	7.7/11.0	15.4/24.3	15.4/24.3	15.4/24.3	15.4/24.3	17.6/26.5
OUTDOOR UNIT			**TU18H3-O**	**TU24H3-O**	**TU30H3-O**	**TU36H3-O**	**TU42H3-O**	**TU48H3-O**
Sound Pressure level		dB(a)	56	57	58	63	61	59
Dimensions (W x H x D)	Outline	.in.	37.6x27.6x15.6	38.6x31.1x16.8	38.6x31.1x16.8	43.6x43.3x17.3	37.7x53.1x16.2	37.7x53.1x16.2
Weight	Net/Gross	lb	105.8/114.7	152.1/163.2	158.8/168.8	205.1/222.7	209.5/231.5	231.5/253.6
Connection pipe diameter	Liquid	in.	1/4	3/8	3/8	3/8	3/8	3/8
	Gas	in.	1/2	5/8	5/8	5/8	5/8	5/8
Max. Pipe Length		ft.	65.6	98.4	98.4	98.4	164	164
Max. Elevation		ft.	49.2	49.2	49.2	49.2	98.4	98.4
MOCP		A	25	40	40	45	50	70

INDOOR
UNITS

1-to-1 COMMERCIAL
INVERTER SERIES
HEAT PUMPS

HIGHLY FLEXIBLE
INSTALLATION

DUCT TYPE

THERMOSTAT
XK60

YOUR TRUSTED
COMPANION

- Wall thermostat included
- Wireless remote included

MODEL			18	24	30	36	42	48
Capacity	Cooling	BTU/h	17,100 (5,400-19,800)	23,800 (7,400-29,000)	28,200 (8,200-29,600)	34,000 (10,800-39,000)	39,500 (12,000-42,500)	48,000 (20,400-49,500)
	Heating	BTU/h	18,800 (4,700-23,200)	27,200 8,200-32,400)	31,200 (8,200-33,600)	41,000 (9,800-49,500)	44,000 (13,000-52,500)	54,500 (17,500-58,000)
SEER/HSPF			16.00/9.50	16.00/9.00	16.00/9.00	16.00/9.00	16.00/9.00	16.00/9.00
Power Supply		V/ph/hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Rated Current	Cooling	A	12.79	19.44	19.95	23.79	24.55	34.27
	Heating	A	12.28	20.46	20.97	24.30	24.81	34.27
Refrigerant charge		Oz	49.4	77.6	84.7	123.5	130.5	141.1
COP		W/W	3.33	3.39	2.97	3.20	3.33	3.11
Dehumidification		l/h	1.4	1.9	2.2	2.7	3.0	3.8
INDOOR UNIT			**TU18HF-I**	**TU24HF-I**	**TU30HF-I**	**TU36HF-I**	**TU42HF-I**	**TU48HF-I**
Airflow		CFM	585	820	820	1,175	1,175	1,470
ESP		in. WG	0.12	0.3	0.3	0.4	0.4	0.5
Sound Pressure Level (L/H)		dB(a)	28/40	40/47	40/47	44/53	44/53	45/55
Dimensions (W x H x D)	Outline	in.	40.8x10.5x28.4	50.4x10.6x22.0	50.4x10.6x22.0	48.3x 11.4x30.5	48.3x11.4x30.5	52.8x13.8x29.5
Weight	Net/Gross	lb	72.8/83.8	75.0/86.0	77.2/86.0	101.4/116.9	101.4/116.9	123.5/143.3
OUTDOOR UNIT			**TU18H3-O**	**TU24H3-O**	**TU30H3-O**	**TU36H3-O**	**TU42H3-O**	**TU48H3-O**
Sound Pressure level		dB(a)	56	57	58	63	61	59
Dimensions (W x H x D)	Outline	in.	37.6x27.6x15.6	38.6x31.1x16.8	38.6x31.1x16.8	43.6x43.3x17.3	37.7x53.1x16.2	37.7x53.1x16.2
Weight	Net/Gross	lb	105.8/114.7	152.1/163.2	158.8/168.8	205.1/222.7	209.5/231.5	231.5/253.6
Connection pipe diameter	Liquid	in.	1/4	3/8	3/8	3/8	3/8	3/8
	Gas	in.	1/2	5/8	5/8	5/8	5/8	5/8
Max. Pipe Length		ft.	65.6	98.4	98.4	98.4	164	164
Max. Elevation		ft.	49.2	49.2	49.2	49.2	98.4	98.4
MOCP		A	25	40	40	45	50	70

COMPACT DESIGN

FLOOR-CEILING TYPE

1-to-1 COMMERCIAL INVERTER SERIES HEAT PUMPS

INDOOR UNITS

THERMOSTAT
(Optionalf)
XK60

YOUR TRUSTED COMPANION

> Wall thermostat included

MODEL			18	24	30	36	42	48
Capacity	Cooling	BTU/h	17,100 (5,400-19,800)	23,800 (8,200-27,800)	28,200 (8,800-31,400)	34,000 (10,800-39,000)	39,500 (12,000-42,500)	48,000 (20,400-50,500)
	Heating	BTU/h	19,100 (4,700-23,200)	27,200 (8,200-30,600)	31,200 (8,200-33,600)	41,000 (9,800-49,500)	44,000 (13,000-52,500)	54,500 (17,500-61,500)
SEER/HSPF			17.00/9.50	16.00/9.00	17.00/9.00	16.00/9.00	16.00/9.00	16.00/9.00
Power Supply		V/ph/hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Rated Current	Cooling	A	12.79	19.44	19.95	23.79	24.55	34.27
	Heating	A	12.28	20.46	20.97	24.30	24.81	34.27
Refrigerant charge		Oz	49.4	77.6	84.7	123.4	130.5	141.1
COP		W/W	3.61	3.39	3.54	3.20	3.21	3.48
Dehumidification		l/h	0.76	0.99	1.23	1.51	1.61	1.99
INDOOR UNIT			**TU18HT-I**	**TU24HT-I**	**TU30HT-I**	**TU36HT-I**	**TU42HT-I**	**TU48HT-I**
Airflow		CFM	585	705	880	1,115	1,115	1,350
Sound Pressure Level (L/H)		dB(a)	32/44	40/49	38/49	46/54	47/55	46/56
Dimensions (W x H x D)	Outline	po. in.	48.0x27.6x8.9	48.0x27.6x8.9	55.9x27.6x9.6	55.9x27.6x9.6	55.9x27.6x9.6	66.9x27.6x9.6
Weight	Net/Gross	lb	86.0/105.8	88.2/110.3	105.8/123.5	105.8/123.5	110.3/127.9	130.1/149.9
OUTDOOR UNIT			**TU18H3-O**	**TU24H3-O**	**TU30H3-O**	**TU36H3-O**	**TU42H3-O**	**TU48H3-O**
Sound Pressure level		dB(a)	56	57	58	63	61	59
Dimensions (W x H x D)	Outline	in.	37.6x27.6x15.6	38.6x31.1x16.8	38.6x31.1x16.8	43.6x43.3x17.3	37.7x53.1x16.2	37.7x53.1x16.2
Weight	Net/Gross	lb	105.8/114.7	152.1/163.2	158.8/168.8	205.1/222.7	209.5/231.5	231.5/253.6
Connection pipe diameter	Liquid	in.	1/4	3/8	3/8	3/8	3/8	3/8
	Gas	in.	1/2	5/8	5/8	5/8	5/8	5/8
Max. Pipe Length		ft.	65.6	98.4	98.4	98.4	164	164
Max. Elevation		ft.	49.2	49.2	49.2	49.2	98.4	98.4
MOCP		A	25	40	40	45	50	70

PORTABLE AIR CONDITIONER

GPC06AK-A3NNA2B

10,000 BTU
115V • 60HZ • 1PH

DEHUMIDIFIER

TIMER INCLUDED: EE:2
TANK: 7.61 L

GDN50BA-A3EBA2B

50 PINT/D
115V • 60HZ • 1PH

GLOSSARY

AIRFLOW
A measure of the amount of air per unit of time that passes through the device. It is measured in CFM (cubic feet per minute).

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

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 environmentally friendly and allows for the design of smaller and more efficient systems compared to R-22.

BTU/h
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 litres per hour.

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

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 perpenD-Icular to its D-Irection. 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 D-Oubled, 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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COMPANION

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