



TOSOT



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



- 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.