MAESTRO TOWER

Tower 12 HP EVNUX 208/230v

Tower 12 HP EVNUX

Model # 2476 Heat Pump with 2kW EH (230V)

R32

Made in Italy

OLIMPIA SPLENDID
HOME OF COMFORT

Color: Metal

REMOTE CONTROL

"Fully Digital" remote control allows functions such as dehumidification, silent mode, sleep mode and ventilation mode.

Cooling Capacity: 12,000 Btu/h
Heating Capacity: 11,000 Btu/h
Refrigerant: R-32
Voltage: 208/230V

FUNCTIONS

- **Dehumidification Mode:** Controls humidity during mild ambient conditions for increased comfort
- **Fan Mode:** Variable speed motor maintains a consistent temperature throughout the conditioned space.
- **Economy Mode:** Allows for energy saving by automatically optimizing the unit's performance
- **Auto Mode:** Adjusts comfort settings based on ambient conditions.
- **Sleep Mode:** Gradually increase/decreases the temperature setpoint ensuring whisper quiet operation, greater comfort and energy savings while you sleep.

1-Year Replacement*, 2 Years Parts*, 7-Years Compressor*
*Limited Warranty

INVERTER COMPRESSOR

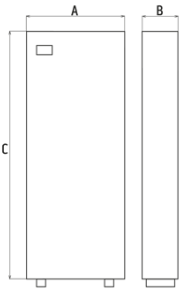
Innovative compressor technology that is versatile and efficient with a wide range of frequencies available and electronic management of the electronic expansion valve (EEV)

HEAT PUMP

Our reverse cycle heat pumps offer both heating and cooling to provide occupants with year-round comfort. It can also be used as backup heat during shoulder seasons.

SPACE SAVINGS

Developed vertically, it brings comfort where any other installation would be impossible, such as the corner of a room or the space between two windows.



EASY INSTALLATION

Can be installed from inside the space in just a few minutes.

MAESTRO TOWER INVERTER 12 HP			
A	B	C	Weight
20.3 in	10.1 in	62.4 in	155 lbs

MAESTRO TOWER | Tower 12 HP R32

Model # 2476 Tower Heat Pump w/ 2kw Electric Heat strips

Cooling Capacity Range	Btu/h	6,000-12,000	Refrigerant Type		R-32
Nominal Cooling Capacity	Btu/h	7,900	Refrigerant Factory Charge	Oz.	14
Cooling Input Power (Nominal)	W	740	Oil Type		VG74
Cooling Input Power (Max)	W	1500	Oil Amount	Oz.	9.5
Cooling Operating Range (outdoor)	°F/°C	64°F/18°C-109°F/43°C	Voltage	V	208/230
Seasonal Energy Efficiency Ratio	SEER2	13.5	Voltage range	V	187/253
Energy Efficiency Ratio	EER2	10.7	Frequency	Hz	60
Heating Seasonal Performance Factor	HSPF2	6.7	Phase		1
Electric Heat	kW	2	Power Supply		Hardwired
Moisture Removal	Pts/h	2.3	Power Factor	%	85
Sensable Heat Factor	%	0.7	Cooling Nominal	A	3.8
Heating Capacity Range 47F	Btu/h	5,800-11,000	Heating Nominal	A	3.5
Nominal Heating Capacty 47F	Btu/h	7,600	Input Power (Standby)	W	3
Heating Input Power (Nominal) 47F	W	675	Input Power (Off mode)	W	0.5
Heating Input Power (max) 47F	W	1,400	MCA	A	11.5
Heating Operating range	°F/°C	5°F/-15°C - 75°F/24°C	Recommended Breaker size	A	15
Efficency 47F	COP	3.30	MOCP	A	20
Heating Capacity Range 17F	Btu/h	2,700-5,100	Max Unit Amps	A	9.5
Heating Input Power 17F	W	315-880	Wi-Fi		Yes
Heating Efficency 17F	COP	2.5-1.7	ADA Compliant		Yes
Heating Capacity Range 5F	Btu/h	2,000-4,000	Dry Contact		Yes
Heating Input Power 5F	W	290-700	Pan Heater		Factory Installed
Heating Efficency 5F	COP	2-1.5	Power Outage Restart		Auto-on bases on last setting
Defrost Method		Reverse Cycle	Modes		Cool, Heat, Dehumidify, Auto
Indoor Blower Motor	Type	ECM	Restricted modes		Heat only, Cool only, Temerature limiting
Indoor Blower Motor	FLA	0.97	Timers		24 hr
Indoor Blower Motor	HP	0.17	Drian line size	in	5/8
Indoor Airflow	CFM	Up to 220	Unit Dimentions	in	20.3"W x 62.4H x 10.1"D
Indoor Airflow Speeds	Speeds	Low/Med/High/Auto	Pakaging Dimentions	in	23.3"W x 68"H x 12.9"D
Filter	MERV	3	Unit Weight	lbs	155
Outdoor Blower Motor	Type	ECM	Gross Weight	lbs	167
Outdoor Blower Motor	FLA	0.97	Cabinet Material		Metal
Outdoor Blower Motor	HP	0.17	Cabinet Color		N/A
Outdoor Airflow	CFM	375	Finish		N/A
Intake opening size	in	8	Saftey Certification		UL 60335-2-40
Exhaust Opening size	in	8	Energy efficency test lab		Intertek
Outdoor Airflow Speeds	Speeds	5	Warranty Year One		No Hassel replacement
Indoor Sound Rating	dB(A)	36-47	Warranty		2 year parts 7 year compressor (parts only)
Sound Transmission Class	STC	36	Saftey Certification	ETL	UL 60335-2-40
Outdoor/Indoor Transmission Class	OITC	25	Efficency Certification	AHRI	AHRI 210/240
Outdoor Sound Rating	dB(A)	59	AHRI Reference Number	AHRI	215399289
Compressor Type		Rotary DC Inverter	Country of Origin		Italy

Optional: ERV System

Model #B0986

Color: Metal

Unit type	-	DOUBLE CROSSFLOW WITH ENERGY RECOVERY
Core type	-	COUNTERFLOW ENTHALPY EXCHANGER
Core material	-	HYGENIC, MOLD AND BACTERIA RESISTANT, WATER WASHABLE PLYMER MEMBRANE
Exhaust air filter	MERV	7
Makeup air filter	MERV	13
Vent pipes	inch	3.94
Chassis material		METAL
Dimensions	inch	20.08 x 33.46 x 9.25
Power supply	V - Hz	208/230-60
Power input (max)	W	58
Motor fans	-	EC backward centrifugal
Motor fans spees	-	3
Control	-	ANALOGIC SWITCH (optional)
Airflow (min-max)	CFM	20/45/60
Core sensible efficiency	%	86/78/74
Core latent efficiency	%	77/62/55
Internal lekeage	WC	
External lekeage	WC	
Pressure sound level	dB(A)	32/43/51
Internal working temperature range	°F (°C)	32-104 (0-40)
External working temperature range	°F (°C)	14-104 (-10-40)

FEATURES

- ERV installed on top of the Maestro Tower unit
- Make-up air outlet directly connected to the Maesto tower indoor air outlet
- Drain pipe directly connected to the Maestro tower unit
- Power supply derived from the terminal block of the Maestro tower unit

(1) Test condition: Data refers to conditions and parameters as required by DOE requirements governing this product type. HEATING MODE: Outdoor Ambient Temperature DB 47°F/8.3°C WB 43°F/6°C; Indoor Ambient DB 70°F/21°C - WB 60°F/15.6°C COOLING MODE: Outdoor Ambient Temperature DB 95°F/35°C WB 75°F/24°C; Indoor Ambient DB 80°F/26.7°C - WB 67°
F/19.4°C

(2) Maximum capacity achieved with Power Pro Boost inverter technology. To achieve full capacity and efficiency 8" diameter openings are recommended. Alternately, 6.5" diameter openings can be used however there is a corresponding loss to capacity and efficiency which can vary based on the specific application.

(3) Test conditions for sound ratings are conducted as per DOE rating conditions, conducted in a sound chamber performed at a distance of 6.5 feet (2 meters). Minimum sound pressure values are rated in ventilation mode only.