

# MAESTRO



# Tower 12 HP

## 208/230v

### Tower 12 HP optional 2kw EH

Model # 2475 Heat Pump (230V)

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



Made in Italy

**OLIMPIA  
SPLENDID**  
HOME OF COMFORT

Color: White



#### REMOTE CONTROL

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



#### 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)



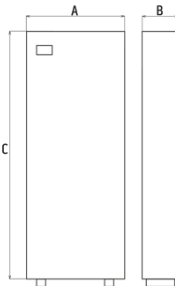
#### HEAT PUMP

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
19.7 in	9.8 in	62.4 in	130 lbs

## Model # 2475/2476 Tower Heat Pump

Cooling Capacity Range	Btu/h	6,000-12,000	Voltage	Volts	208/230
Nominal Cooling Capacity	Btu/h	7,900	Voltage range	Volts	187/253
Cooling Input Power (Nominal)	W	720	Hertz	Hz	60
Cooling Input Power (Max)	W	1500	Phase		1
Cooling Operating Range	°F/ °C	64F/18C-109F/43C	Power Supply		Hardwired
Efficiency	EER	11	Input Power (Standby)	Watt	3
Moisture Removal	Pts/h	2.3	Input Power (Off mode)	Watt	0.5
Sensible Heat Factor	%	0.7	MCA	Amps	15
Heating Capacity Range 47°F	Btu/h	5,800-11,000	MOCP	Amps	25
Nominal Heating Capacity 47°F	Btu/h	7,000	Wi-Fi		Yes
Heating Input Power (Nominal) 47°F	W	580	Dry Contact		Yes
Heating Input Power (Max) 47°F	W	1,400	Modes		Cool, Heat, Dehumidify, Fan Only, Auto
Heating Operating range	°F/ °C	5F/-15C - 75F/24C	Restricted modes		Heat only, cool only, Temperature limiting
Efficiency 47°F	COP	3.3			
Defrost Method		Reverse Cycle			
Indoor Blower Motor	Type	ECM	Drain line size	in	0.8
Indoor Airflow	CFM	200	Unit Dimensions	in	19.7 x 62.4 x 9.8
Indoor Airflow Speeds	Speeds	3	Cabinet Material		Metal
Filter	MERV	3	Warranty Year One		No Hassel replacement
Outdoor Blower Motor	Type	ECM			
Outdoor Airflow	CFM	375	Warranty		2 year parts 7 year compressor (parts only)
Intake opening size	in	8			
Exhaust Opening size	in	8	Safety Certification	ETL	In Progress
Outdoor Airflow Speeds	Speeds	6	Efficiency Certification	AHRI	In Progress
Indoor Sound Rating	dB(A)	47	Country of Origin		Italy
Refrigerant Type		R32			

## Optional: ERV System



## Model # B0986

Color: White

### FEATURES

- ERV installed on top of the Maestro Tower unit
- Make-up air outlet directly connected to the Maestro 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

Description	Unit	Value
Unit type	-	Double crossflow with heat recovery
Core type	-	Counterflow heat exchanger
Core material	-	Plastic
Core thermal efficiency	%	88
Airflow	CFM	60
Exhaust air filter	MERV	3/13
Make-up air filter	MERV	13
Power input	W	58
Power supply	V-Hz	208/230 - 60
Power sound level	dB(A)	50
Vent Pipes	Inches	3.94
Working temperature range	°F (°C)	32-104 (0-40)
Chassis material	-	Metal
Control	-	Analogic switch (accessory)
ON/OFF humidity sensor	-	Optional
Free cooling function control	-	Analogic switch (accessory)
Motor fans	-	EC
Dimensions (W/H/D)	Inches	20.08 x 33.46 x 9.53

- (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.