



Olympia Ductless Single Zone  
Heat Pump  
**OTP-O-R32 Series**

# Why choose a Ductless Wall-Mounted Heat Pump?

Ductless wall-mounted heat pumps, commonly known as “mini split” heat pumps, do not need air ducts like central systems. The outdoor unit (condenser) and the indoor unit (evaporator) are connected by refrigerant piping and electrical wires that pass through a small 3” opening in the wall.

## Single zone

A single zone system consists of an outdoor unit connected to an indoor unit. This system is ideal for providing heating and air conditioning to a predefined area, such as an openconcept kitchen/ living room or a family room in the basement.

## Indoor Unit

- Plastic housing, standard white.
- A2L leak detection sensor, included.
- Easy to dismantle for maintenance.
- Washable filters.

## Outdoor Unit

- Variable speed rotary compressor (INVERTER), with overload protection.
- Compressor blanket and preheating technology.
- Quiet axial-flow fan.
- Condenser fins covered with a hydrophilic coating for improved corrosion resistance.

### Performance up to



Cooling



Heating

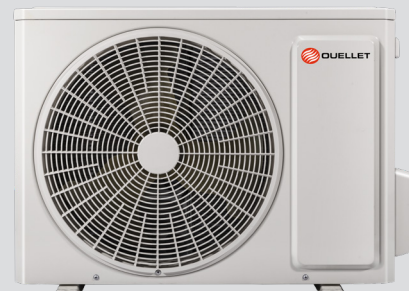
### Up to

**30 SEER2**  
IN COOLING

**11.2 HSPF2**  
IN HEATING



Intertek



## Features and functions



### Smart Pan Heater

Prevents ice formation in the base pan of the outdoor unit.



### Compressor Blanket and Preheating Technology

Keeps the oil inside the compressor warm and prevents it from mixing with the refrigerant.



### Anti-Corrosion Fin Coating

Condenser and evaporator fins are covered with a hydrophilic coating for greater corrosion resistance – a clear advantage for people living in coastal regions.



### Quiet Design

The innovative axial fan design and the strengthened motor bracket minimize vibrations and outside noise levels. The integrated rear base and evaporator make our indoor units some of the quietest on the market.



### Smart Defrosting

Provides greater comfort and energy savings by eliminating unnecessary defrost cycles.



### Smart Preheating

The system delays turning on the fan in heating mode to avoid blowing cold air out at startup.



### Auto Restart

In case of power failure, user selection and system parameters are stored in non-volatile memory. The system will automatically return to the last operating mode when power resumes.



### Auto-Clean

After the heat pump turns off, the fan continues to operate until the indoor unit is completely dry to prevent mold growth.



### Self-Diagnosis

A microcomputer monitors the system and turns the unit off if abnormal operation is encountered. An error code will be displayed on the indoor unit to facilitate maintenance.



### Sleep Mode

This function can be used to gradually increase or decrease room temperature, so you can save energy without affecting your sleep.



### Turbo Mode

The unit operates at super high speed to achieve quick cooling or heating.



### Up & Down Swing

Can be used to select oscillating angles for the horizontal louvres. Choose a fixed positions or use the auto swing mode to swing the louvres up and down in all positions.



### Timer

Allows you to program the time you want the unit to start and stop over a 24-hour period.



### I Feel

This function allows you to use the remote control as an ambient sensor.



### Lock

This function disables unwanted temperature adjustments and the use of different modes on the device.



### Wi-Fi

Use your phone, tablet or computer to control your unit, wherever you are (Internet connection required).



### A2L Safety Sensor

A2L leak detection sensor, included.



**10-year basic warranty**  
parts and compressor

## Models

Product # <sup>1</sup>	Indoor Unit		OARX-H09A-I	OARX-H12A-I	OARX-H18A-I	OARX-H24A-I
	Outdoor Unit		OARX-H09A-O	OARX-H12A-O	OARX-H18A-O	OARX-H24A-O
Technical Performance						
Refrigerant type			R32	R32	R32	R32
Voltage		Volts	230/208	230/208	230/208	230/208
Cooling capacity	Nominal	W (BTU/hr)	2666 (9100)	3517 (12000)	5276 (18000)	6450 (22000)
	Min. – max.	W (BTU/hr)	400 - 3800 (1365 - 12966)	850 - 4500 (2900 - 15354)	1300 - 7500 (4435 - 25590)	1700 - 9200 (5800 - 31400)
Heating capacity	Nominal	W (BTU/hr)	3106 (10600)	3575 (12200)	5450 (18595)	7000 (24000)
	Min. – max.	W (BTU/hr)	800 - 5000 (2730 - 17060)	900 - 5000 (3071 - 17060)	1500 - 7700 (5118 - 26272)	1700 - 9700 (5800 - 33100)
Used cooling power input	Nominal	W	542	790	1256	1573
	Min. – max.	W	75 – 1250	75 - 1250	150 – 2800	265 – 3150
Used heating power input	Nominal	W	706	786	1362	1803
	Min. – max.	W	160 – 1650	250 – 1750	250 – 3500	320 – 4800
Used rated input		W	1650	1750	3500	4800
Rated current		A	7.6	7.8	16	21.5
MCA		A	11	11	21	25.5
Max. over-current protection (MOCP)		A	15	15	25	30
SEER2		-	30	28	27.5	27
HSPF2		-	11.2	10	10	10
EER2		W/W	15	15.52	13.65	13.31
COP		W/W	4.4	4.55	4	3.9
AHRI number		-	216472855	216472856	216498641	216498640
ENERGY STAR		-	✓	✓	✓	✓
Indoor Unit						
Dehumidification		pt/hr (l/hr)	1.69 (0.80)	2.96 (1.40)	3.80 (1.80)	7.30 (3.50)
Air flow volume		cfm	450 - 860	600 - 960	800 - 1250	600 - 1300
Sound level		dB (A)	23 - 42	27 - 43	35 - 49	36 - 53
Fan motor power output		W	50	50	60	110
Fan motor RLA		A	0.4	0.4	0.7	0.85
Net weight		lb (kg)	33 (15)	33 (15)	38.6 (17.5)	39.6 (18)
Outdoor Unit						
Air flow volume		cfm	3000	3000	3200	4500
Sound level		dB (A)	56	55	59	62
Compressor power input		W	757	757	1358	1775
Compressor LRA		A	20	20	25	38
Compressor RLA		A	7.2	7.2	14.3	18
Fan motor power output		W	40	40	60	90
Fan motor RLA		A	1	1	1.1	1.7
Refrigerant volume (R32)		oz (g)	35.27 (1000)	35.27 (1000)	47.62 (1350)	56.44 (1600)
Net weight		lb (kg)	99.2 (45)	99.2 (45)	141.1 (64)	147.7 (67)
Operating ambient temperature	Cooling	°C (°F)	-29 à 50 (-20 à 122)			
	Heating	°C (°F)	-30 à 30 (-22 à 86)			
Connection Piping/Refrigerant						
Pre-charge length		ft. (m)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)
Additional refrigerant charge		oz/ft. (g/m)	0.18 (16)	0.18 (16)	0.46 (40)	0.46 (40)
Liquid pipe outer diameter		in.	1/4	1/4	1/4	1/4
Gas pipe outer diameter		in.	1/2	1/2	5/8	5/8
Maximum height difference		ft. (m)	82 (25)	82 (25)	82 (25)	82 (25)
Maximum total length		ft. (m)	131 (40)	131 (40)	131 (40)	131 (40)

<sup>1</sup> 1 indoor unit and 1 outdoor unit. Note that each unit is individually packaged.

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— THE BRAND —  
of professionals

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