



Pacific Ductless Single Zone
Heat Pump
OTP-P 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.
- 7-speed cross-flow fan (auto, turbo, high, medium-high, medium, low and very low).
- 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

25.5 SEER2
IN COOLING

10.2 HSPF2
IN HEATING



R410A



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 louvers. Choose a fixed positions or use the auto swing mode to swing the louvers up and down in all positions.



Left & Right Swing

Can be used to select oscillating angles for the vertical louvers. Choose a fixed positions or use the auto swing mode to swing the louvers left and right 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 controls 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).



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

Modèles

Product # ¹	Indoor Unit Outdoor Unit		PUD09KCH25S-I PUD09KCH25S-O	PUD12KCH24S-I PUD12KCH24S-O	PUD18KCH23S-I PUD18KCH23S-O	PUD24KCH24S-I PUD24KCH24S-O	PUD30KCH20S-I PUD30KCH20S-O	PUD36KCH20S-I PUD36KCH20S-O
Technical Performance								
Voltage		Volts	230/208	230/208	230/208	230/208	230/208	230/208
Cooling capacity	Nominal	W (BTU/hr)	2667 (9100)	3517 (12000)	5275 (18000)	6450 (22000)	8800 (30000)	9850 (33600)
	Min. – max.	W (BTU/hr)	450 - 3150 (1535 - 10748)	900 - 4132 (3070 - 14100)	1500 - 6200 (5118 - 21154)	2600 - 8200 (8870 - 28000)	2280 – 10400 (7780 – 35500)	2200 – 10900 (7500 – 37200)
Heating capacity	Nominal	W (BTU/hr)	3077 (10500)	3517 (12000)	5275 (18000)	7040 (24000)	8800 (30000)	10140 (34600)
	Min. – max.	W (BTU/hr)	1000 - 4300 (3412 - 14671)	900 - 4543 (3071 - 15500)	1500 - 6200 (5118 - 21154)	2100 - 9000 (7200 - 30708)	2670 – 10800 (9100 – 36850)	3000 – 11300 (10200 – 38500)
Used cooling power input	Nominal	W	619	961	1384	1679	2667	3200
	Min. – max.	W	130 - 1013	220 - 1400	130 - 2300	290 - 2600	650 – 3600	670 – 4000
Used heating power input	Nominal	W	848	923	1384	1870	2588	3200
	Min. – max.	W	228 -1343	220 - 1500	250 - 2350	470 - 3100	650 – 3900	600 – 3950
Used rated input		W	1343	1500	2350	3100	3900	4000
Rated current		A	4.73	6.30	11.50	15.30	19	20
MCA		A	10	10	14	16	20	23
Max. over-current protection (MOCP)		A	15	15	20	25	30	35
SEER2 (SEER)		-	25.5 (25.5)	24 (24)	23.5 (23)	24.5 (24)	20 (19)	20 (20)
HSPF2 (HSPF)		-	10.2 (12)	9 (11)	9 (11)	9.5 (11)	8.5 (10)	8.5 (9)
EER		W/W	4.31	3.66	3.81	3.85	3.30	3.08
COP		W/W	3.90	3.81	3.81	3.79	3.40	3.17
AHRI number		-	210534142	210534143	211619266	210534144	211709659	211709660
ENERGY STAR		-	✓	✓	✓	✓	-	-
Indoor Unit								
Dehumidification		pt/hr (l/hr)	1.69 (0.80)	2.96 (1.4)	3.80 (1.8)	5 (2.40)	7.4 (3.50)	7.4 (3.50)
Air flow volume		cfm	353 / 323 / 294 / 264 / 235 / 176 / 158	400 / 364 / 329 / 288 / 264 / 247 / 229	589 / 500 / 441 / 412 / 383 / 353 / 324	736 / 588 / 530 / 471 / 441 / 412 / 383	912 / 736 / 706 / 647 / 588 / 530 / 471	912 / 736 / 706 / 647 / 588 / 530 / 471
Sound level		dB (A)	50 / 47 / 45 / 42 / 39 / 36 / 35	53 / 48 / 46 / 44 / 42 / 40 / 37	59 / 53 / 51 / 50 / 47 / 43 / 39	62 / 54 / 52 / 49 / 48 / 46 / 44	66 / 60 / 57 / 55 / 52 / 50 / 47	66 / 60 / 57 / 55 / 52 / 50 / 47
Fan motor power output		W	15	15	45	60	70	70
Fan motor RLA		A	0.22	0.20	0.35	0.30	0.6	0.75
Deflector stepper motor power output		W	1.5	1.5	1.5	1.5	1.5	1.5
Net weight		lb (kg)	21 (9.5)	21 (9.5)	29 (13.5)	35 (16)	44 (24.5)	44 (24.5)
Outdoor Unit								
Air flow volume		m³/hr	2200	2200	3600	4500	4500	4500
Sound level		dB (A)	52	52	59	62	72	72
Compressor power input		W	800	784	1196	1350	2020	2294
Compressor LRA		A	-	-	-	-	-	-
Compressor RLA		A	6.50	6.80	9.25	11	14.2	16
Fan motor power output		W	30	30	60	90	90	90
Fan motor RLA		A	0.4	0.4	0.9	0.6	0.90	1.50
Refrigerant volume (R410A)		oz (g)	35.28 (1000)	42.33 (1200)	54.70 (1550)	60 (1700)	74.1 (2100)	84.7 (2400)
Net weight		lb (kg)	70.5 (32)	70.5 (32)	98 (44.5)	108 (49)	113.6 (56.5)	127.9 (58)
Operating ambient temperature	Cooling	°C (°F)	-29 to 50 (-20 to 122)					
	Heating	°C (°F)	-30 to 30 (-22 to 86)					
Connection Piping/Refrigerant								
Pre-charge length		ft. (m)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)	25 (7.5)
Additional refrigerant charge		oz/ft. (g/m)	0.2 (20)	0.2 (20)	0.5 (50)	0.5 (50)	0.5 (50)	0.5 (50)
Liquid pipe outer diameter		in.	1/4	1/4	1/4	1/4	1/4	1/4
Gas pipe outer diameter		in.	3/8	1/2	5/8	5/8	5/8	5/8
Maximum height difference		ft. (m)	40 (12.2)	40 (12.2)	66 (20)	82 (25)	82 (25)	82 (25)
Maximum total length		ft. (m)	66 (20)	66 (20)	82 (25)	131 (40)	82 (25)	82 (25)

¹ 1 indoor unit and 1 outdoor unit. Note that each unit is individually packaged.

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Pacific
OTP-P Series

— THE BRAND —
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Authorized Retailer