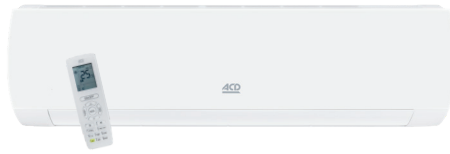




# Polar

## 30k-36k BTU

Ductless Single Zone  
Heat Pump



Indoor Unit (Muse head model)



Outdoor Unit

### Performance up to



Cooling



Heating

### Up to



Eligible for certain government programs<sup>1</sup>



## Features

### Operation mode

- Cooling, heating, dehumidifying, fan and auto.

### Nominal capacity

- 30 000 & 36 000 BTU/hr. (See other brochure for lower BTUs)

### Voltage

- 230/208V, 60 Hz, 1-phase.

### Indoor unit

- High wall installation, dual side connection.
- Plastic housing, standard white.
- 7-speed cross-flow fan (auto, turbo, high, medium-high, medium, low and very low)
- Washable filters.

### Outdoor unit

- Variable speed rotary compressor (INVERTER), with overload protection.
- Electronic expansion valve for precise control of refrigerant flow.
- Condenser fins covered with a hydrophilic coating for improved corrosion resistance.
- Large diameter quiet axial-flow fan for more efficient heat exchange.
- Smart pan heater to prevent ice formation.
- Compressor blanket and preheating technology.

### Connection piping

- Minimum piping length of 10 ft. (3 m).
- Flared connections.

### Control

- Wireless remote included.
- Wired wall controller available.
- Wi-Fi (optional).
- Sinopé interface (optional HP6000ZB-GE and GT130 required).
- Set temperature: 16 to 30 °C (61 to 86 °F).
- Temperature display format: °C or °F.

### Warranty

- 10-year basic warranty on parts and 10-year basic warranty on the compressor (labor not included).

### Application

- Dining room-kitchen, living room, family room, commercial building, office building, condo, restaurant..

## Includes



Smart Pan Heater



Crankcase Heater



Fin Coating



Quiet Design



Smart Defrosting



Smart Preheating



Auto Restart



Auto-Clean



Self-Diagnosis



Sleep Mode



Turbo Mode



Up & Down Swing



Left & Right Swing



Timer



I Feel



Lock



Wireless Remote

## Optional



Wall Controller



Wi-Fi

<sup>1</sup> Validate your eligibility for government programs base on your regions and heat pump model.

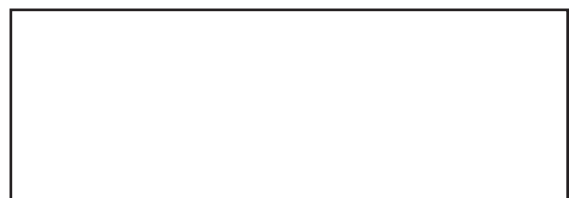
# Pular Models

Indoor Unit Outdoor Unit		PUD30KCH20S-I PUD30KCH20S-O	PUD36KCH20S-I PUD36KCH20S-O
<b>Technical Performance</b>			
<b>Voltage</b>		Volts	230/208
<b>Cooling capacity</b>	Nominal	W (Btu/hr)	8800 (30000)
	Min. - Max.	W (Btu/hr)	2280 - 10400 (7780 - 35500)
<b>Heating capacity</b>	Nominal	W (Btu/hr)	8800 (30000)
	Min. - Max.	W (Btu/hr)	2670 - 10800 (2670 - 36850)
<b>Used cooling power input</b>	Nominal	W	2667
	Min. - Max.	W	650 - 3600
<b>Used heating power input</b>	Nominal	W	2588
	Min. - Max.	W	650 - 3900
<b>Used rated input</b>		W	3900
<b>Rated current</b>		A	19
<b>MCA</b>		A	20
<b>Max. over-current protection (MOCP)</b>		A	30
<b>SEER2 (SEER)</b>		-	20 (19)
<b>HSPF2 (HSPF)</b>		-	8.5 (10)
<b>EER</b>		W/W	3,3
<b>COP</b>		W/W	3,4
<b>AHRI number</b>		-	211709659
<b>ENERGY STAR</b>		-	No
<b>Indoor Unit</b>			
<b>Dehumidification</b>		pt/hr (l/hr)	7.4 (3.5)
<b>Air flow volume</b>		cfm	912 / 736 / 706 / 647 / 588 / 530 / 471
<b>Sound level</b>		dB (A)	56 / 50 / 47 / 45 / 42 / 40 / 37
<b>Fan motor power output</b>		W	70
<b>Fan moto RLA</b>		A	0,6
<b>Deflector stepper motor power output</b>		W	1,5
<b>Net weight</b>		lb (kg)	44.1 (20)
<b>Outdoor Unit</b>			
<b>Air flow volume</b>		m <sup>3</sup> /hr	4500
<b>Sound level</b>		dB (A)	62
<b>Compressor power input</b>		W	2020
<b>Compressor LRA</b>		A	27
<b>Compressor RLA</b>		A	14,2
<b>Fan motor power output</b>		W	90
<b>Fan motor RLA</b>		A	0,9
<b>Refrigerant volume (R410A)</b>		oz (g)	74.1 (2100.7)
<b>Net weight</b>		lb (kg)	124.6 (56.5)
<b>Operating ambient temperature</b>	Cooling	°F (°C)	-4 to 122 (-20 to 50)
	Heating	°F (°C)	-13 to 75 (-25 to 24)
<b>Connecting Piping / Refrigerant</b>			
<b>Pre-charge length</b>		ft. (m)	25 (7.5)
<b>Additional refrigerant charge</b>		oz/ft. (g/m)	0.5 (50)
<b>Liquid pipe outer diameter</b>		in.	1/4
<b>Gas pipe outer diameter</b>		in.	5/8
<b>Maximum height difference</b>		ft. (m)	82 (25)
<b>Maximum total length</b>		ft. (m)	164 (50)



TF 1.800.567.2733  
info@dettson.ca  
dettson.com

Specifications are subject to change without notice



X61002\_A