



Rooftop HVAC Series

P-9977



Reduce Downtime and Increase Operator Safety.

The Polar P-9977 Rooftop HVAC Series is built to withstand the harshest environments around the world! Perfect for a wide variety of industries, this unit is designed to perform consistently in the roughest surroundings and extremely high-temperature conditions.

With proven longevity using high-quality parts, the P-9977 will save you money on spare parts, lost time between failures and replacement part serviceability!

Make Your Equipment ISO 23875 Compliant

The P-9977 is designed to allow for the seamless integration of Sy-Klone technology for ISO 23875 Certification! **No need for additional installation fees!** Simply order the Sy-Klone CF2 Pressurizer, CFX2 Recirc-filtration unit, Pressure and CO₂ monitor with your air-conditioner.

Comes pre-installed and controlled right through the HVAC!



P-9977-**-HD-**-



Rooftop Air-conditioner Heater with Hydraulic Drive Compressor

DIMENSIONS	30" W x 38.5" L x 11" H
WEIGHT	~250 Lbs
COOLING	18,000-24,000 Btu @ 75°F WB
GLYCOL HEATING	30,000 Btu
VOLTAGE	12 vdc or 24 vdc
FLA	40A @ 12 vdc 20A @ 24 vdc
HYDRAULIC FLOW	4-6 gpm @ 3000 psi max 12-15 gpm @ 3000 psi max
HYDRAULIC MANIFOLD	Open Center/Load Sense (LS)/P. Comp
CONDENSER FAN	40,000 Hour Sealed Brushless Motor W/reverse IP68 and IP6K9K (forward only option available)
EVAPORATOR BLOWER	40,000 Hour Sealed Brushless PWM Motor IP68 and IP6K9K
COILS	Copper/Copper Anit-microbial
ELECTRICAL STANDARDS	Wires: CSA TEW 105C FT1 LL67096 (UL) MTW 600V C22.2 NO: 286:17, T7 C22.2 0.4, T6
AVAILABLE OPTIONS **	P-9977-H-24HD-OC (24 vdc Open Center) P-9977-H-12HD-OC (12 vdc Open Center) P-9977-H-24HD-CC (24 vdc LS or P. Comp) P-9977-H-12HD-CC (12 vdc LS or P. Comp) P-9977-24HD-OC (24 vdc Open Center NO HEAT) P-9977-12HD-OC (12 vdc Open Center NO HEAT) P-9977-24HD-CC (24 vdc LS or P. Comp NO HEAT) P-9977-12HD-CC (12 vdc LS or P. Comp NO HEAT)

P-9977-H-***P



Rooftop Air-conditioner Heater with Belt Driven AC Compressor

DIMENSIONS	30" W x 38.5" L x 11" H
WEIGHT	~200 Lbs
COOLING	18,000-24,000 Btu @ 75°F WB
GLYCOL HEATING	30,000 Btu
VOLTAGE	12 vdc or 24 vdc
FLA	40A @ 12 vdc 20A @ 24 vdc
CONDENSER FAN	40,000 Hour Sealed Brushless Motor W/reverse IP68 and IP6K9K (forward only option available)
EVAPORATOR BLOWER	40,000 Hour Sealed Brushless PWM Motor IP68 and IP6K9K
COILS	Copper/Copper Anit-microbial
ELECTRICAL STANDARDS	Wires: CSA TEW 105C FT1 LL67096 (UL) MTW 600V C22.2 NO: 286:17, T7 C22.2 0.4, T6
AVAILABLE OPTIONS **	P-9977-H-12P (12 vdc WITH HEAT) P-9977-H-24P (24 vdc WITH HEAT) P-9977-12P (12 vdc NO HEAT) P-9977-24P (24 vdc NO HEAT)

P-9977-H-24ED



Rooftop Air-conditioner Heater with Integral 24 vdc Electric Drive Compressor

DIMENSIONS	30" W x 38.5" L x 11" H
WEIGHT	~250 Lbs
COOLING	15,000 Btu @ 75°F WB
GLYCOL HEATING	30,000 Btu
VOLTAGE	24 vdc
FLA	60A @ 75°F 65A @ 85°F 70A @ 95°F 75A @ 105°F 80A @ 110°F 90A @ 115°F
CONDENSER FAN	40,000 Hour Sealed Brushless Motor W/reverse IP68 and IP6K9K (forward only option available)
EVAPORATOR BLOWER	40,000 Hour Sealed Brushless PWM Motor IP68 and IP6K9K
COILS	Copper/Copper Anit-microbial
ELECTRICAL STANDARDS	Wires: CSA TEW 105C FT1 LL67096 (UL) MTW 600V C22.2 NO: 286:17, T7 C22.2 0.4, T6
AVAILABLE OPTIONS	P-9977-24ED (NO HEAT)

P-9977-H-220



Rooftop Air-conditioner Heater with High Voltage Compressor

DIMENSIONS	30" W x 38.5" L x 11" H
WEIGHT	~250 Lbs
COOLING	15,000 Btu @ 75°F WB
ELECTRIC HEATING	2 kW or 4 kW
VOLTAGE	208-240 vac 1 Ph 50/60 Hz
FLA	13A
CONDENSER FAN	40,000 Hour Sealed Brushless Motor W/reverse IP68 and IP6K9K (forward only option available)
EVAPORATOR BLOWER	40,000 Hour Sealed Brushless PWM Motor IP68 and IP6K9K
COILS	Copper/Copper Anit-microbial
ELECTRICAL STANDARDS	Wires: CSA TEW 105C FT1 LL67096 (UL) MTW 600V C22.2 NO: 286:17, T7 C22.2 0.4, T6
AVAILABLE OPTIONS	P-9977-220 (NO HEAT)



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Design and specifications are subject to change without notice.