



UNIQUE HEATED PRODUCTS

**Get your quote today!
586-783-5725**

HEATED HEAD PUMPS

Unique Heated Products' Heated Head Pumps are designed for use wherever maintaining the thermal integrity of a gas, air, or emissions sample throughout the flow path is desired. Ideally suited for Automotive, Deisel, CEM Laboratory, Air Quality, and Monitoring applications, **UHPI's** Heated Head Pumps maintain precise temperature stability using **UHPI's** external Temperature Controller Package. Superior insulations and a completely uniform, proprietary heating element applied to the pump head's entire surface combine to create the most temperature stable Heated Head Pump on the market.

Meet tomorrow's regulations today - CALL **UNIQUE**



Model #PMP-4187

FEATURES AND SPECIFICATIONS

Model #PMP-4186, PMP-4187, PMP-4188, & PMP-4189

- All Teflon/tainless Steel wetted parts
- Based on a diaphragm pump
- **A UPHI Exclusive:** Accessible Head Bolts to re-torque once the pump has reached operating temperature

Model #PMP-4186

Heater: 600 mA @ 120 VAC

Free Flow Capacity: .19 SCFM (22.4 in/Hg)

Model #PMP-4187

Heater: 1.7 A @ 120 VAC

Free Flow Capacity: .47 SCFM (22.8 in/Hg)

Model #PMP-4188

Heater: 2.8 A @ 120 VAC

Free Flow Capacity: .88 SCFM (26.9 in/Hg)

Model #PMP-4189

Heater: 2.8 A @ 120 VAC

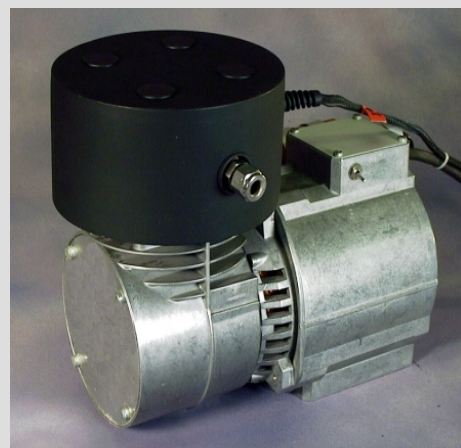
Free Flow Capacity: 1.15 SCFM (27 in/Hg)

Model #PMP-4190

Heater: 5.6 A @ 120 VAC

Based on a Dual Head Diaphragm pump

Heads may be run in parallel or a series for optimal performance



Model #PMP-4189



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22797 Macomb Industrial Dr.
Clinton Twp. MI 48036

Toll Free 800-628-8239

or Local 586-783-5725

www.heatedproducts.com



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**HEATED HEAD PUMPS
ORDERING GUIDE**

EXAMPLE: PMP-4188-B-E-6-A-AK-RXX-000

FIELD NUMBER: ^ ^ ^ ^ ^ ^ ^ ^
 1 2 3 4 5 6 7 8

1. PUMP MODEL

- 4186-SS SINGLE HEAD
5L/MINUTE (10.6 SCFH)
- 4187-SS SINGLE HEAD
13L/MINUTE (27.5 SCFH)
- 4188-SS SINGLE HEAD
25L/MINUTE (52.9 SCFH)
- 4189-SS SINGLE HEAD
30L/MINUTE (63.6 SCFH)
- 4190-SS DUAL HEAD
62L/MINUTE (131.4 SCFH)

2. TEMPERATURE RANGE

- A-100° C (212° F)
- B-200° C (392° F) (MOST COMMON)
- C-300° C (572° F)
- D-400° C (752° F)
- E-500° C (932° F)

3. PORT CONNECTION TYPE

E-TUBE STUBS (STANDARD)

FOR ALL OTHER OPTIONS PLEASE
CONTACT UHP SALES AND TECH
SUPPORT

4. PORT SIZE

ENGLISH	METRIC
4-1/4 INCH	M4-4MM
6-3/8 INCH	M6-6MM
8-1/2 INCH	M8-8MM

5. HEATER VOLTAGE

- A-120 VAC
- B-230 VAC
- G-12 VDC
- H-208 VAC
- I-480 VAC
- M-24 VDC

6. SENSOR TYPE

- A-THERMOCOUPLE (J OR K)
- B-THERMISTOR
- C-RTD (PT100)
- D-ADJUSTABLE T-STAT
- E-SELF-LIMITING

7. POWER CABLE TYPE (LENGTH)

- A-7 PIN CONNECTOR (13 AMP MAX)
- B-7 PIN CONNECTOR (45 AMP MAX)
- D-LOOSE WIRE W/STRIPPED ENDS
- E-SO CORD W/NEMA 5-15 PLUG
- F-FLEXIBLE CONDUIT
- G-MIL SPEC CONNECTOR
- H-CLASS 1 DIV 2
- I-CLASS 1 DIV 1
- J-3 PIN MOLEX CON. (11 AMP MAX)
- K-SO CORD W/NEMA 6-30 PLUG
- L-REMOTE T-STAT
- M-MALE TWIST LOCK W/TC
- N-9 PIN CONNECTOR (13 AMP MAX)
- R-CONNECTOR BOX W/7 PIN CON.

8. OPTIONS

FOR ALL OPTIONS PLEASE SEE
OPTIONS PAGE OR CONTACT
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