



UNIT HEATERS PACKING LIST

Heaters & Accessories

Effective 9-1-2020

To be used in conjunction with Controls & Venting Packing Lists.

All orders are subject to acceptance by Detroit Radiant Products Company, Warren, Michigan at prices in effect at date of shipment. All prices are F.O.B. Warren, Michigan. All state, federal, or municipal taxes in effect at the time of shipment or imposed at any future time on our products shall be the responsibility of the customer. We reserve the right to change specifications on our products without prior notice to the customer.



FA SERIES



UH SERIES

The key symbols below and found within designate the following:

| SYMBOL | DESCRIPTION |
|-----------------|--|
| † | UPS packages are charged dimensional, not physical weight. |
| Items in [****] | DRP product coding. For internal use only. |

Shipping Weight Notation: Shipping weight is shown for each item.

The per item weight will typically be less when packaging multiple items on one order. Replacement parts can be found at www.reverberray.com/shop.



GAS-FIRED, TUBULAR EXCHANGER, INDUCED DRAFT HOT AIR HEATERS

UH SERIES

Commercial and residential, gas-fired, induced draft, hot air heaters. Features tubular heat exchangers with in-shot burners, a low profile design with durable powder-coated black enamel, finger-proof fan guards, and integrated mounting brackets. Approved separated combustion, can be field converted to power vented without additional parts or costs. **1Base model is natural gas. For propane gas, add appropriate conversion kit as a separate line item.**

UH SERIES MODEL INFORMATION

| MODEL NO. | BTU/h | | GAS TYPE ¹ | VOLTS | MOTOR HP | FAN DIA. | INLET & VENT CONN. | GAS CONN. | TYPICAL MOUNTING HEIGHTS | SHIP WEIGHT | SHIP BOX DIMS | QTY. |
|-----------|--------|--------|-----------------------|---------|----------|----------|--------------------|-------------|--------------------------|-------------|----------------------------|------|
| | INPUT | OUTPUT | | | | | | | | | | |
| UH-30 | 30,000 | 24,000 | Nat. or Prop. | 120 VAC | 1/15 | 10 in. | 3" O.D. | 1/2 in. NPT | 8' - 12' | 77 lbs. | W: 14" D: 29" H: 27" | |
| UH-45 | 45,000 | 36,000 | Nat. or Prop. | 120 VAC | 1/15 | 10 in. | 3" O.D. | 1/2 in. NPT | 8' - 14' | 77 lbs. | W: 14" D: 29" H: 27" | |
| UH-60 | 60,000 | 48,000 | Nat. or Prop. | 120 VAC | 1/12 | 14 in. | 4" O.D. | 1/2 in. NPT | 10' - 16' | 98 lbs. | W: 19" D: 29" H: 27" | |
| UH-75 | 75,000 | 60,000 | Nat. or Prop. | 120 VAC | 1/12 | 14 in. | 4" O.D. | 1/2 in. NPT | 10' - 18' | 98 lbs. | W: 19" D: 29" H: 27" | |

UH Series models can be shipped UPS (insurance is recommended) or truckline (preferred). UPS packages are charged dimensional, not physical weight.

FIELD CONVERSION KITS

| MODEL | ² STANDARD ELEVATION NATURAL GAS TO PROPANE CONVERSION | | HIGH ALTITUDE 1 2,001 - 4,500 MSL | | HIGH ALTITUDE 2 4,501 - 7,000 MSL | | HIGH ALTITUDE 3 7,001 - 9,500 MSL | | QTY. |
|------------------------|---|----------|--------------------------------------|----------|--------------------------------------|----------|--------------------------------------|----------|------|
| | Propane | CKP-56_2 | Nat. | HKN-50_2 | Nat. | HKN-51_2 | Nat. | HKN-52_2 | |
| UH-30N MSL TO 2000' | Propane | CKP-56_2 | Nat. | HKN-50_2 | Nat. | HKN-51_2 | Nat. | HKN-52_2 | |
| | | | Prop. | HKP-57_2 | Prop. | HKP-57_2 | Prop. | HKP-58_2 | |
| UH-45N MSL TO 2000' | Propane | CKP-56_3 | Nat. | HKN-50_3 | Nat. | HKN-51_3 | Nat. | HKN-52_3 | |
| | | | Prop. | HKP-57_3 | Prop. | HKP-57_3 | Prop. | HKP-58_3 | |
| UH-60N MSL TO 2000' | Propane | CKP-56_4 | Nat. | HKN-50_4 | Nat. | HKN-51_4 | Nat. | HKN-52_4 | |
| | | | Prop. | HKP-57_4 | Prop. | HKP-57_4 | Prop. | HKP-58_4 | |
| UH-75N MSL TO 2000' | Propane | CKP-56_5 | Nat. | HKN-50_5 | Nat. | HKN-51_5 | Nat. | HKN-52_5 | |
| | | | Prop. | HKP-57_5 | Prop. | HKP-57_5 | Prop. | HKP-58_5 | |

² CKP propane conversion kits include a spring. All other conversion kits do not. If both propane and high altitude are required, order the propane high altitude kit only. **Do not** order an additional propane conversion kit.

LIMITED WARRANTY GUIDELINES & OPTIONS

All limited warranties are defined in the product insert manual for each heater series. Please contact the factory for further information on the terms and conditions.

| STANDARD WARRANTY | COMPONENTS | HEAT EXCHANGERS | BURNERS | EXTENDED WARRANTY OPTIONS ³ | |
|-------------------|------------|-----------------|----------|--|---|
| UH, FA | 1 YEAR | 5 YEARS | 10 YEARS | CWO | Control Extended Warranty. (Max. 4 year extension). _____ per year, per heater. |

³ Prior approval from the factory is required when quoting extended warranties.

FA SERIES

Commercial, gas-fired, induced draft, high-output, hot air heaters. Quality construction features such as tubular heat exchangers with in-shot burners, low profile design with durable powder-coated black enamel, protected fan guards, and a swept-wing impeller for low noise and improved efficiency. Approved separated combustion, can be field converted to power vented without additional parts or costs. **Base model is natural gas. For propane gas, add appropriate conversion kit as a separate line item.**

FA SERIES MODEL INFORMATION

| MODEL NO. | BTU/h | | GAS TYPE ⁴ | VOLTS | MOTOR HP | FAN DIA. | INLET & VENT CONN. | GAS CONN. | TYPICAL MOUNTING HEIGHTS | SHIP WEIGHT | SHIP BOX DIMS | QTY. |
|-----------|--------------|---------|-----------------------|---------|----------|----------|--------------------|-------------|--------------------------|-------------|----------------------------|------|
| | INPUT | OUTPUT | | | | | | | | | | |
| FA-100 | 100,000 | 80,000 | Nat. or Prop. | 120 VAC | 1/8 | 18 in. | 4" O.D. | 1/2 in. NPT | 12' - 14' | 143 lbs. | W: 24" D: 41" H: 32" | |
| FA-125 | 125,000 | 100,000 | Nat. or Prop. | 120 VAC | 1/6 | 18 in. | 4" O.D. | 1/2 in. NPT | 14' - 16' | 143 lbs. | W: 24" D: 41" H: 32" | |
| FA-150 | 150,000 | 120,000 | Nat. or Prop. | 120 VAC | 1/3 | 22 in. | 6" O.D. | 1/2 in. NPT | 14' - 16' | 195 lbs. | W: 29" D: 41" H: 32" | |
| FA-175 | 175,000 | 140,000 | Nat. or Prop. | 120 VAC | 1/3 | 22 in. | 6" O.D. | 1/2 in. NPT | 15' - 17' | 195 lbs. | W: 29" D: 41" H: 32" | |
| FA-200 | 200,000 | 160,000 | Nat. or Prop. | 120 VAC | 1/3 | 22 in. | 6" O.D. | 1/2 in. NPT | 15' - 17' | 195 lbs. | W: 29" D: 41" H: 32" | |
| FA-225 | 225,000 | 180,000 | Nat. or Prop. | 120 VAC | 1/3 | 22 in. | 6" O.D. | 3/4 in. NPT | 16' - 18' | 212 lbs. | W: 32" D: 41" H: 32" | |
| FA-250 | 250,000 | 200,000 | Nat. or Prop. | 120 VAC | 1/3 | 22 in. | 6" O.D. | 3/4 in. NPT | 16' - 18' | 212 lbs. | W: 32" D: 41" H: 32" | |
| FA-300 | Coming soon! | | | | | | | | | | | |
| FA-350 | Coming soon! | | | | | | | | | | | |
| FA-400 | Coming soon! | | | | | | | | | | | |



FA Series models are shipped truckline only.


FIELD CONVERSION KITS

| MODEL | STANDARD ELEVATION NATURAL GAS TO PROPANE CONVERSION ⁵ | | HIGH ALTITUDE 1 2,001 - 4,500 MSL | | HIGH ALTITUDE 2 4,501 - 7,000 MSL | | HIGH ALTITUDE 3 7,001 - 9,500 MSL | | QTY. |
|-------------------------|---|------------|--------------------------------------|----------|--------------------------------------|----------|--------------------------------------|----------|------|
| FA-100N MSL TO 2000' | Propane | CKP_53_4 | Nat. | HKN-43_4 | Nat. | HKN-44_4 | Nat. | HKN-45_4 | |
| | | | Prop. | HKP-54_4 | Prop. | HKP-54_4 | Prop. | HKP-55_4 | |
| FA-125N MSL TO 2000' | Propane | CKP_53_5 | Nat. | HKN-43_5 | Nat. | HKN-44_5 | Nat. | HKN-45_5 | |
| | | | Prop. | HKP-54_5 | Prop. | HKP-54_5 | Prop. | HKP-55_5 | |
| FA-150N MSL TO 2000' | Propane | CKP_53_6 | Nat. | HKN-43_6 | Nat. | HKN-44_6 | Nat. | HKN-45_6 | |
| | | | Prop. | HKP-54_6 | Prop. | HKP-54_6 | Prop. | HKP-55_6 | |
| FA-175N MSL TO 2000' | Propane | CKP_53_7 | Nat. | HKN-43_7 | Nat. | HKN-44_7 | Nat. | HKN-45_7 | |
| | | | Prop. | HKP-54_7 | Prop. | HKP-54_7 | Prop. | HKP-55_7 | |
| FA-200N MSL TO 2000' | Propane | CKP_1.55_7 | Nat. | HKN-41_7 | Nat. | HKN-43_7 | Nat. | HKN-44_7 | |
| | | | Prop. | HKP-53_7 | Prop. | HKP-53_7 | Prop. | HKP-54_7 | |
| FA-225N MSL TO 2000' | Propane | CKP_53_9 | Nat. | HKN-43_9 | Nat. | HKN-44_9 | Nat. | HKN-45_9 | |
| | | | Prop. | HKP-54_9 | Prop. | HKP-54_9 | Prop. | HKP-55_9 | |
| FA-250N MSL TO 2000' | Propane | CKP_1.55_9 | Nat. | HKN-42_9 | Nat. | HKN-42_9 | Nat. | HKN-43_9 | |
| | | | Prop. | HKP-53_9 | Prop. | HKP-53_9 | Prop. | HKP-54_9 | |



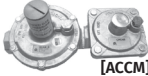
⁵ CKP propane conversion kits include a spring. All other conversion kits do not. If both propane and high altitude are required, order the propane high altitude kit only. **Do not** order an additional propane conversion kit.


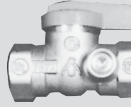
HARDWARE COMPONENTS

| PART NO. | DESCRIPTION | QTY. |
|---|--|--------|
|  [ACCM] UF-TB | 3/8"-16 thread turnbuckle with eyelet (right-hand) & hook (left-hand) for mounting UH & FA Series heaters. Includes 3/8"-16 thread nut. Four (4) per unit required if selected. | 1 lb. |
|  [ACCM] VI-76 | Spring hanger vibration isolator used to reduce noise/vibration of unit. Four (4) per unit required if selected. | 2 lbs. |

| PART NO. | DESCRIPTION | QTY. |
|--|---|-------|
|  [ACCM] TR-EB | Threaded rod eye bolt with nut. An option for use when suspending heater without threaded rod. Four (4) per unit required if selected. | 1 lb. |

GAS RELATED ACCESSORIES

| PART NO. | DESCRIPTION | QTY. |
|---|---|--------|
|  [ACCM] 325-3 | Maxitrol high pressure regulator, 2 PSI maximum inlet pressure on natural and propane gas. 12" W.C.P. outlet pressure setting, 1/2" x 1/2" NPT, 150,000 BTU/H flow capacity. CSA Design Listed and meets NFPA-54 requirements for vent limiting devices. Fits 30-150 MBH models. | 2 lbs. |
|  [ACCM] 325-5 | Maxitrol regulator (see 325-3 above) with 300,000 BTU/H flow capacity. 3/4" x 3/4" NPT. CSA Design Listed and meets NFPA-54 requirements for vent limiting devices. Fits 175-250 MBH models. | 2 lbs. |
|  [ACCM] 325-3 OPD | Maxitrol regulator 1/2" x 1/2" NPT with vent limiting device. 2-5 PSI maximum inlet pressure on <u>natural gas only</u> . Meets ANSI Z21.80 Standard for line regulators. | 3 lbs. |

| PART NO. | DESCRIPTION | QTY. |
|--|---|-------|
|  [ACCM] GC-50 | Ball valve, 2 PSI maximum pressure, 1/2" x 1/2" FPT, with 1/8" NPT side pressure tap. Fits 30-200 MBH models. CSA certified to: • ANSI Z21.15 (.5 PSIG) • ASME B16.44 (5 PSIG) • CGA CR91 (5 PSIG) | 1 lb. |
|  [ACCM] GC-75 | CSA Design Listed ball valve, 2 PSI maximum pressure, 3/4" x 3/4" FPT, with 1/8" NPT side pressure tap. Fits 225-250 MBH models. | 1 lb. |

COMMONLY USED ACCESSORIES⁶

| | | | |
|-----------|--------------|-----------|----------|
| • TH-P721 | • TH-115 | • CVK-3 | • RTVP-4 |
| • TH-BR52 | • TH-115-60B | • DB-RTVP | • 6-DSK |
| • RS-BR53 | • TH-1F86WF | • 4-DSK | • CVK-6 |
| • TH-ET5 | • DB-DSK | • CVK-4 | • RTVP-6 |

⁶ Reference the Controls and Venting Price Lists for all available accessories.