

HYDRONIC UNIT HEATER INSTALLATION, OPERATION, AND MAINTENANCE

DISCONTINUED MODEL WS



⚠ WARNING ⚠

- Be sure to read and understand the installation, operation, and service instructions in this manual.
- Installation should be done by a qualified agency in accordance with these instructions. The qualified service agency installing this heater is responsible for the installation.
- This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Do not remove the security labels. If they are unreadable contact an authorized distributor for replacement labels.
- The heat exchanger coils must be protected against freezing.

DO NOT DESTROY. PLEASE READ CAREFULLY. KEEP IN A SAFE PLACE FOR FUTURE REFERENCE.

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GENERAL INFORMATION

- This unit heater has been tested for capacity and efficiency so as to provide many years of safe and dependable comfort providing it is properly installed and maintained. With regular maintenance, this unit will operate satisfactorily year after year. Abuse, improper use, and/or improper maintenance can shorten the life of the appliance and create unsafe hazards.
- To achieve optimum performance and minimize equipment failure, it is recommended that periodic maintenance be performed on this unit. The ability to properly perform maintenance on this equipment requires certain tools and mechanical skills.
- This manual applies only to the models listed. Accessories referenced may not apply to all models.
- Hydronic unit heaters can be operated with hot water or steam at a high pressure. Warm water, hot water, or steam produced by a boiler flows through the heat exchanger. Standard hot water units are option HA11. Steam units are option HA12.
- These hydronic unit heaters are designed and constructed for industrial, commercial, or sports facility heating.

Important Safety Information

Please read all information in this manual thoroughly and become familiar with the capabilities and use of your appliance before attempting to operate or maintain this unit. Pay attention to all dangers, warnings, cautions, and notes highlighted in this manual. Safety markings should not be ignored and are used frequently throughout to designate a degree or level of seriousness.

DANGER: A danger statement describes a potentially hazardous situation that if not avoided, will result in severe personal injury or death and/or property damage.

WARNING: A warning statement describes a potentially hazardous situation that if not avoided, can result in severe personal injury and/or property damage.

CAUTION: A caution statement describes a potentially hazardous situation that if not avoided, can result in minor or moderate personal injury and/or property damage.

NOTE: A note provides important information that should not be ignored.

CAUTION

To prevent damage to the unit or to its internal components, it is recommended that two wrenches be used when loosening or tightening nuts. Do not over tighten!

Warranty

NOTE: The standard unit heater warranty covers only original defects and does not cover the repairs resulting from a water condition such as corrosion or scale. It is up to you and is your sole responsibility to ensure that a proper water treatment and maintenance program is correctly followed at all times.

Refer to the limited warranty form in the literature bag provided with the unit. The warranty is void if:

- Wiring is not in accordance with the diagram furnished with the heater.
- The air delivery system is modified.
- Improper water conditions result in excessive corrosion or leaks.

Certification

These unit heaters are listed by Intertek for use in the United States and in Canada.

Installation Codes

These units must be installed in accordance with local building codes. Local authorities having jurisdiction should be consulted before installation is made to verify local codes and installation procedure requirements.

GENERAL INFORMATION—CONTINUED

Heater Location

⚠ CAUTION ⚠

- **Do not locate the heater where it may be exposed to water spray, rain, or dripping water.**
- **When installing the hydronic unit heater in applications where the heater can be subject to damage from balls in gymnasiums and/or courts, it is necessary to fit the heater with a frame and a safety net. The directional air louvers on the front of the unit should especially be protected.**

For best results, the heater should be mounted with certain rules in mind:

- Units should always be arranged to blow toward or along exposed wall surfaces, if possible. Where two or more units are installed in the same room, a general scheme of air circulation should be maintained for best results.
- Suspended heaters are most effective when located as close to the working zone as possible, and this fact should be kept in mind when determining the mounting heights to be used. However, care should be exercised to avoid directing the discharged air directly on the room occupants.
- Partitions, columns, counters, or other obstructions should be taken into consideration when locating the unit heater so that a minimum quantity of airflow will be deflected by such obstacles.
- When units are located in the center of the space to be heated, the air should be discharged toward the exposed walls. In large areas, units should be located to discharge air along exposed walls with extra units provided to discharge air in toward the center of the area.

Mounting Height

⚠ WARNING ⚠

If touched, the internal heater surfaces that are accessible from outside the heater will cause burns. Suspend the heater a minimum of 5 feet (1.5 meters) above the floor.

In general, a unit should be located 10–20 feet (3.5–6.1 meters) above the floor. At those points where infiltration of cold air is excessive, such as at entrance doors and shipping doors, it is desirable to locate the unit so that it will discharge directly toward the source of cold air from a distance of 15–20 feet (4.6–6.1 meters).

Heater Throw and Cover

All units can be installed for either horizontal or vertical discharge. [Table 1](#) lists throw and cover data for standard adjustable horizontal louvers on heaters suspended at varying mounting heights.

Table 1. Heater Throw and Cover with Standard Horizontal Louvers								
Unit Size	Fan Speed							
	Low	High	Low	High	Low	High	Low	High
	Horizontal Discharge				Vertical Discharge			
	Dimension H* (Feet (Meters))	Throw (Feet (Meters))		Dimension H* (Feet (Meters))	Cover (Feet ² (Meters ²))			
18/24	10 (3)	10 (3)	16 (5)	23 (7)	10 (3)	11 (3.5)	344 (32)	473 (44)
23/33	10 (3)	10 (3)	16 (5)	25 (7.5)	10 (3)	11 (3.5)	366 (34)	516 (48)
44/62	10 (3)	11 (3.5)	18 (5.5)	26 (8)	11 (3.5)	13 (4)	387 (36)	538 (50)
60/85	11 (3.5)	13 (4)	25 (7.5)	36 (11)	13 (4)	15 (4.5)	484 (45)	646 (60)
78/110	11 (3.5)	13 (4)	33 (10)	46 (14)	15 (4.5)	16 (5)	538 (50)	753 (70)
96/120	13 (4)	15 (4.5)	33 (10)	46 (14)	15 (4.5)	16 (5)	538 (50)	753 (70)
140/175	15 (4.5)	16 (5)	39 (12)	52 (16)	16 (5)	18 (5.5)	646 (60)	861 (80)
190/238	16 (5)	18 (5.5)	46 (14)	59 (18)	18 (5.5)	20 (6)	968 (90)	1184 (110)
300/350	18 (5.5)	20 (6)	66 (20)	85 (26)	23 (7)	30 (9)	1399 (130)	1722 (160)

*Maximum mounting height (see [Figure 1](#)).

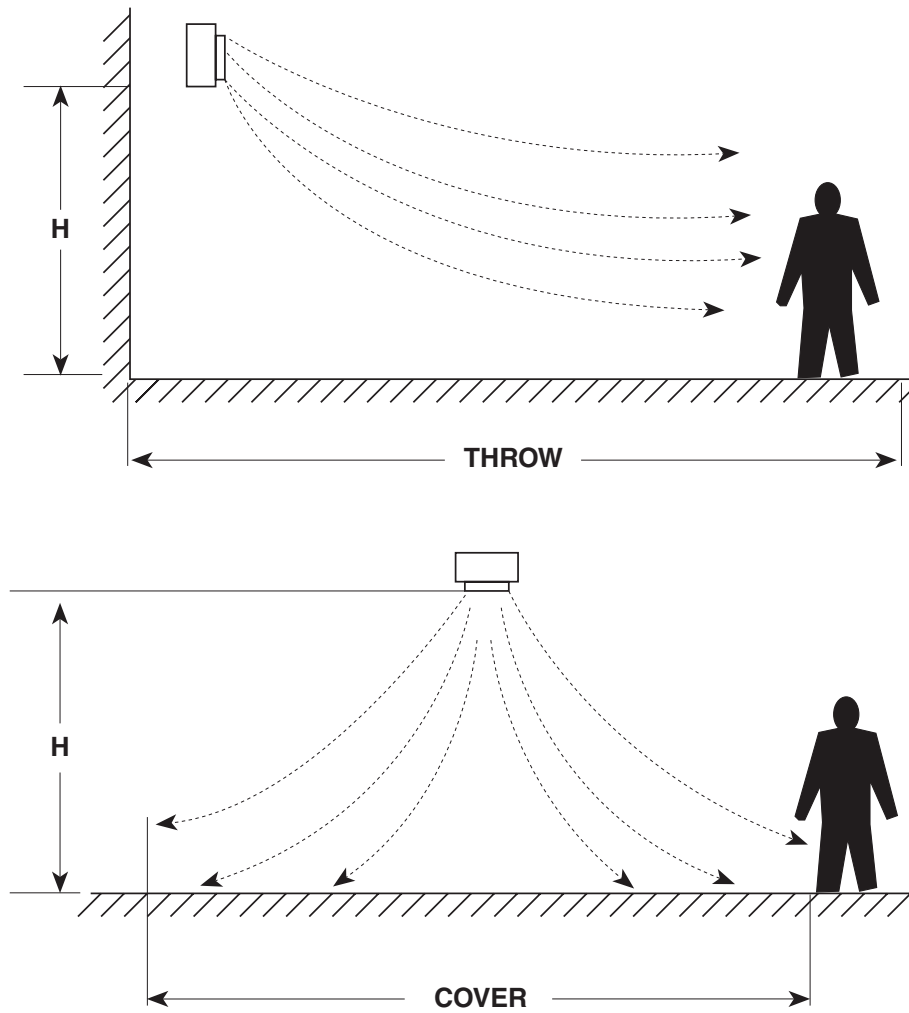


Figure 1. Heater Throw and Cover (Refer to [Table 1](#))

Acoustical Considerations

Refer to sound level data listed in [Table 2](#) when determining unit location based on acoustical considerations.

Table 2. Acoustical Data									
Fan Speed	Unit Size								
	18/24	23/33	44/62	60/85	78/110	96/120	140/175	190/238	300/350
	Sound level (dBa) @ 16-1/2 feet								
Low	45	46	49	54	57	47	49	52	61
High	52	54	58	63	65	52	55	60	67

GENERAL INFORMATION—CONTINUED

Dimensions

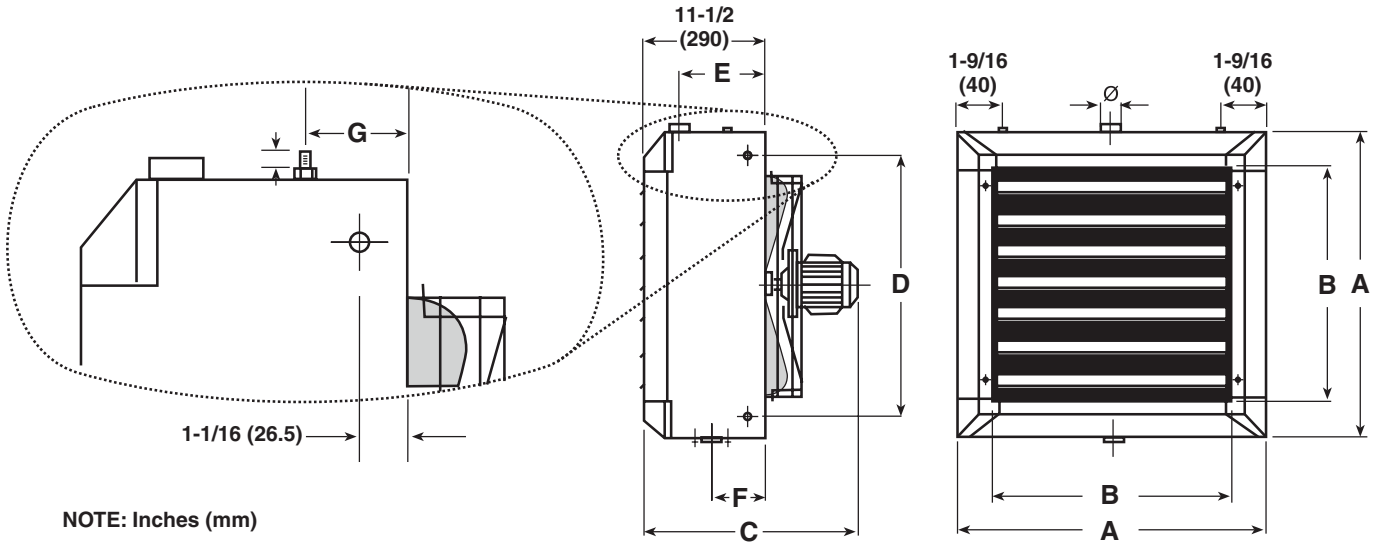


Figure 2. Dimensions (Refer to Table 3)

Table 3. Dimensions								
Dimension (See Figure 2)	Unit Size							
	18/24, 23/33	44/62	60/85	78/110	96/120	140/175	190/238	300/350
	Inches (mm)							
A	16-7/16 (418)	18-9/16 (472)	20-11/16 (526)	22-13/16 (580)	24-15/16 (634)	27-1/16 (688)	29-3/16 (742)	35-7/16 (900)
B	11-1/8 (282)	13-1/4 (336)	15-3/8 (390)	17-1/2 (444)	19-5/8 (498)	21-3/4 (552)	23-7/8 (606)	30-1/16 (764)
C	18-5/16 (465)				19-3/16 (488)		20-3/16 (513)	22-5/8 (575)
D	12-5/8 (321)	14-3/4 (375)	16-7/8 (429)	19 (483)	21-1/8 (537)	23-1/4 (591)	25-3/8 (645)	31-5/8 (803)
E	8-11/16 (220)							8-1/4 (210)
F	5-1/8 (130)							5-1/2 (140)
G	3-15/16 (100)			4-3/4 (120)			5-1/8 (130)	
Ø	3/4 (19)	1-1/4 (32)						1-1/2 (38)
Fan diameter	11-13/16 (300)	13-3/4 (350)	15-3/4 (400)	17-11/16 (450)		19-11/16 (500)	21-5/8 (550)	25-9/16 (650)

Clearances

Always maintain a minimum clearance of 6 inches (150 mm) behind the unit for maintenance of the motor and fan.

Weights

Table 4. Weights								
Unit Size								
18/24	23/33	44/62	60/85	78/110	96/120	140/175	190/238	300/350
Pounds (kg)								
37 (17)	44 (20)	49 (22)	55 (25)	66 (30)	75 (34)	88 (40)	101 (46)	146 (66)

INSTALLATION

⚠ WARNING ⚠

Always wear work gloves when installing or servicing the heater.

Unpacking and Inspection

- The unit was test-operated and inspected at the factory prior to crating and was in operating condition.
- If, upon removing it from its crate, the unit has been found to have incurred any damage in shipment, document the damage with the transporting agency and contact an authorized Factory Distributor. If you are an authorized Distributor, follow the FOB freight policy procedures.

Pre-Installation Checklist

- ☐ Check the rating plate for the water and electrical requirements of the heater to ensure that they are compatible with the water and electric supplies at the installation site.
- ☐ Read this manual and become familiar with the installation requirements of your particular heater.
- ☐ If you do not have knowledge of local requirements, check with local agencies who might have requirements concerning this installation.
- ☐ Before beginning, make preparations for necessary supplies, tools, and manpower.
- ☐ Check to see if there are any field-installed options (refer to **Field-Installed Options** section) that need to be assembled/installed prior to unit installation. Ensure that all options ordered are at the installation site.

Field-Installed Options

Table 5. Field-Installed Options

Option	Name	Description
HL10	Vertical louvers	Direct discharge air to provide wider throw pattern
HL11	Airflow optimizer	Greatly increases throw of horizontal discharge units
HT15	Thermostat	
CM4	Guard/cover	Thermostat

Installing Vertical Louvers (Option HL10)

NOTE: Vertical louvers can be used with either horizontal or vertical discharge installations, but they are recommended for vertical discharge units to create a four-way discharge pattern.

1. Position vertical louver assembly (see **Figure 3**) on face of heater and align existing mounting holes.
2. Secure vertical louver assembly to heater using fasteners provided in option kit.

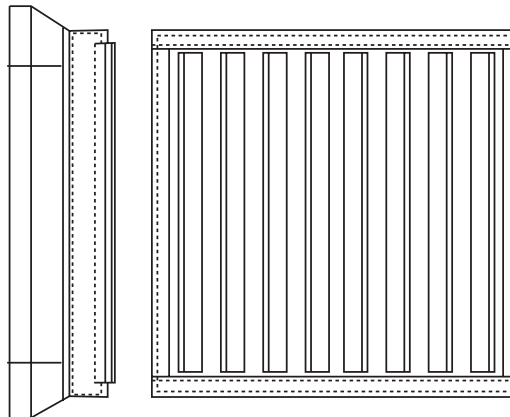


Figure 3. Vertical Louver Assembly

INSTALLATION—CONTINUED

Field-Installed Options—Continued

Installing Airflow Optimizer (Option HL11)

NOTE: For horizontal discharge installations, the airflow optimizer increases air throw, which results in energy savings and better environmental control.

1. Remove existing horizontal louvers by pushing each louver toward spring to release louver.
2. Position airflow optimizer assembly (see **Figure 4**) on face of heater and align existing mounting holes.
3. Secure airflow optimizer assembly to heater using fasteners provided in option kit.
4. Adjust wingnut on threaded rod as necessary to set optimizer louvers for desired airflow.

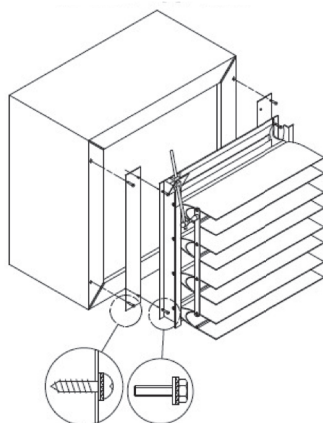


Figure 4. Airflow Optimizer Assembly

Heater Mounting

⚠ WARNING ⚠

- Before mounting the heater, check the supporting structure to verify that it has sufficient load-carrying capacity to support the weight (refer to **Weights** section) of the unit.
- Ensure that the heater is not supported by piping.
- The heater must be level for proper operation. **DO NOT** place or add additional weight to a wall-mounted or suspended heater.
- **DO NOT** allow any foreign objections into the heat exchanger coil. Foreign objects can damage the heat exchanger and can damage or destroy pumps and boilers.

Wall-Mounting Heater for Horizontal Discharge

1. Determine installation height and secure field-supplied brackets to wall as shown in **Figure 5** using field-supplied hardware.
2. Raise heater using suitable hoist or lift and secure heater to brackets as shown in **Figure 5** using M8 metric screws and flat washers provided.

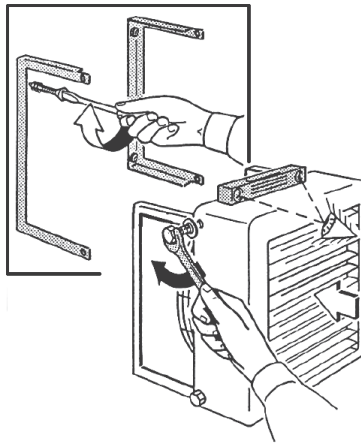


Figure 5. Wall-Mounting Heater

Suspending Heater for Horizontal Discharge Using Threaded Rods or Eyebolts

1. Install field-supplied threaded rods or eyebolts as shown in [Figure 6](#).
2. Determine installation height, raise heater using suitable hoist or lift, and suspend heater using threaded rods or wire rope or chains connected to eyebolts.

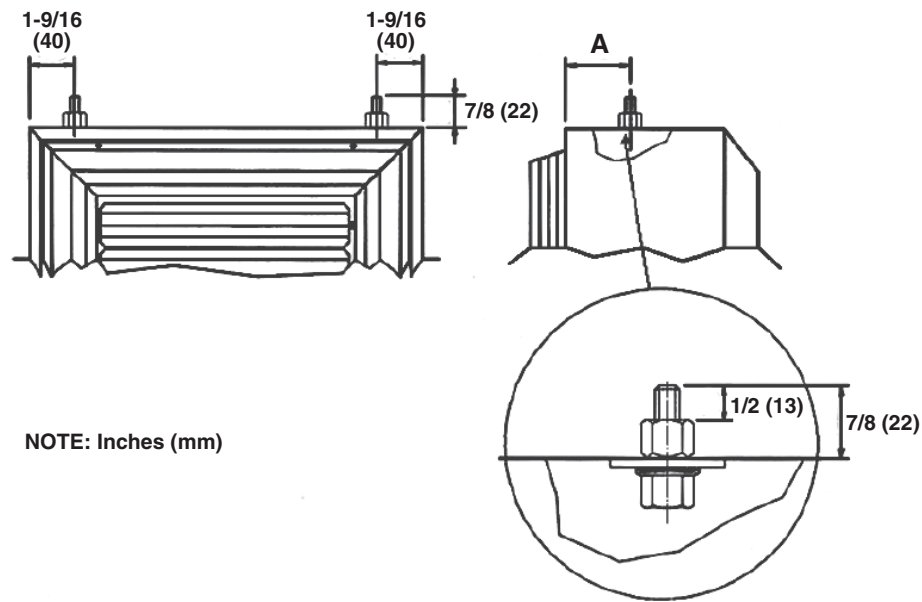


Figure 6. Suspending Heater for Horizontal Discharge (Refer to [Table 6](#))

Table 6. Suspension Point Dimensions		
Unit Size		
18/24, 23/33, 44/62, 60/85	78/110, 96/120, 140/175	190/238, 300/350
Dimension A* (Inches (mm))		
4 (102)	4-3/4 (121)	5-1/8 (130)

*See [Figure 6](#).

INSTALLATION—CONTINUED

Heater Mounting—Continued

Suspending Heater for Vertical Discharge Using Suspension Plates

NOTE: The optional vertical louvers are recommended for vertical airflow units for four-way air distribution.

1. Install suspension plates, M8 metric screws, and flat washers provided with unit as shown in [Figure 7](#).
2. Determine installation height, raise heater using suitable hoist or lift, and suspend heater using bars, wire rope, or chains connected to suspension plates.

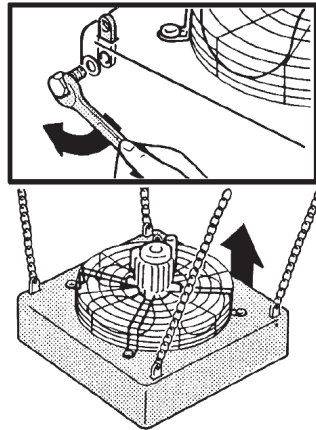


Figure 7. Suspending Heater for Vertical Discharge

Piping Connections

⚠ WARNING ⚠

- Maximum operation pressure is 150 psi (10 bar).
 - Flange seals must not be made with rubber or other material that melts easily. In the event of overheated water, rubber seals may melt.
 - Mount a thermostatic air vent if the distribution ring of the water or steam is in a lower position than the heater.
-
- Connect inlet and outlet piping using a three-part joint union and ball valve (see [Figure 8](#)) sealed with pipe sealant.
 - Connect hot water piping in accordance with piping diagram shown in [Figure 9](#).
 - Connect steam piping in accordance with piping diagram shown in [Figure 10](#).

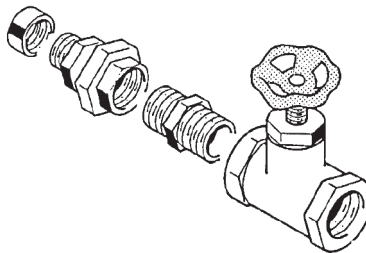
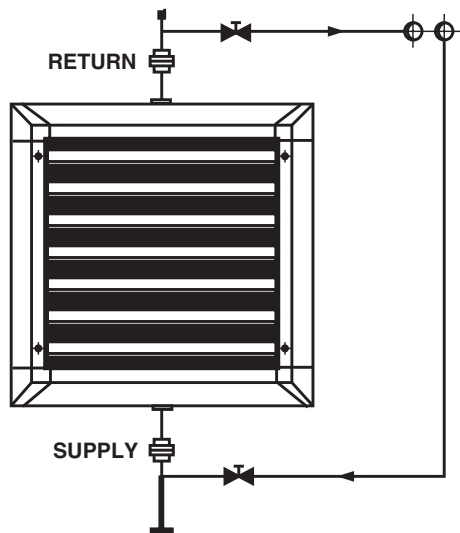
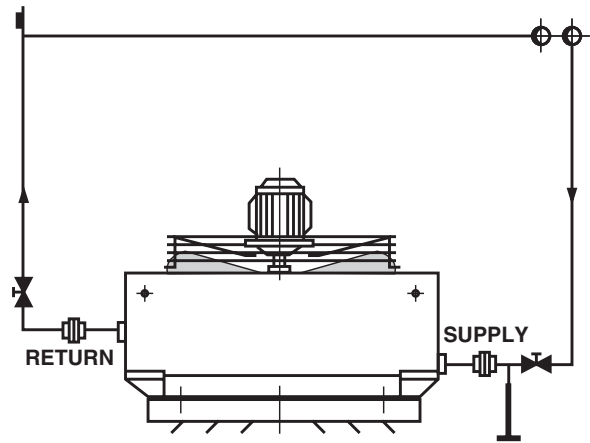


Figure 8. Three-Part Joint Union and Ball Valve

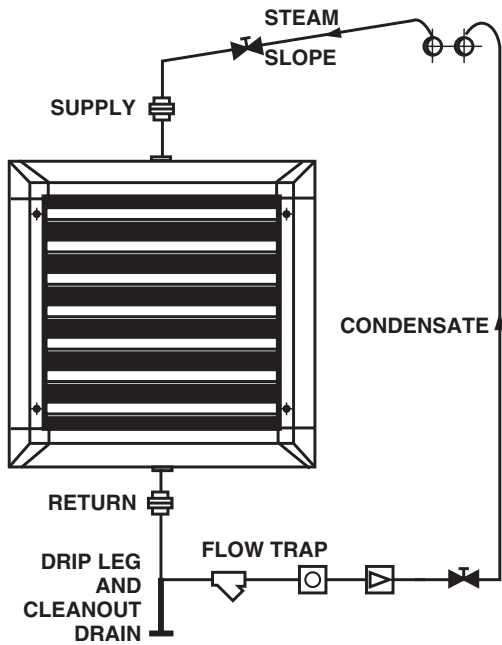


HORIZONTAL DISCHARGE

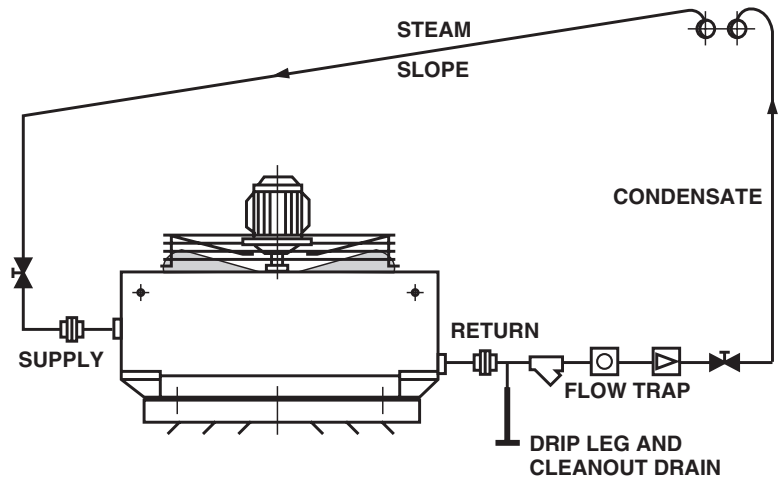


VERTICAL DISCHARGE

Figure 9. Hot Water Piping Diagram



HORIZONTAL DISCHARGE



VERTICAL DISCHARGE

Figure 10. Steam Piping Diagram

INSTALLATION—CONTINUED

Electrical Connections

⚠ WARNING ⚠

- Before connecting the motor, ensure that the electrical power is OFF.
- A security disconnect switch must be mounted near the unit in an easily-accessible location.
- Ensure that the double-speed, single-phase 115V/60Hz motor (refer to [Table 7](#)) is grounded.

Table 7. Motor Electrical Data

Parameter	Speed Setting	Unit Size								
		18/24	23/33	44/62	60/85	78/110	96/120	140/175	190/238	300/350
HP	Low	0.014	0.020	0.027	0.048	0.090	0.041	0.070	0.110	0.500
	High	0.040	0.055	0.082	0.150	0.260	0.090	0.160	0.250	1.140
Amp rating	Low	0.3	0.4	0.6	1.1	1.7	0.9	1.1	2.2	6.5
	High	0.6	0.9	1.2	1.9	3.0	1.8	2.6	3.4	13.0

NOTE: Ignore terminals U2, V2, and W2. They are covered with plastic insulators and are not used.

In accordance with the wiring diagram shown in [Figure 11](#), make the following electrical connections:

1. Remove cover from motor's terminal board.
2. Connect hot wire from L1 to motor terminal U1.
3. Connect high speed neutral wire from L2 to motor terminal V1.
4. Connect low speed neutral wire from L2 to motor terminal W1.
5. Connect green ground wire.
6. Close terminal board cover and tighten fasteners.

NOTE: Internal motor wiring (for reference only): black wire from motor winding connects to U1, red wire from motor winding connects to V1, and green wire from motor winding connects to W1.

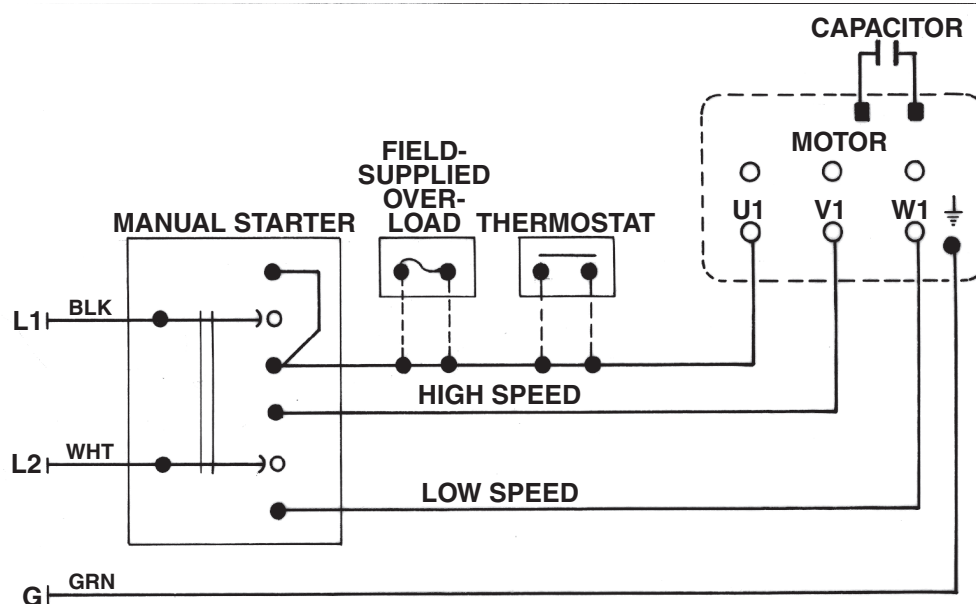


Figure 11. Wiring Diagram

⚠ CAUTION ⚠

- During installation, most systems become contaminated by pipe dope, thread-cutting oils, soldering flux, rust preventives, or dirt in the pipe and fittings. Frequently, there are sufficient quantities of these contaminants that chemically break down to cause gas formation and acid in system water. Once the system is contaminated, deterioration continues, leaks develop, and water losses increase that may cause serious damage due to scaling or corrosion of the unit. To eliminate this potential hazard, the system must be cleaned and water must be conditioned before operation.
 - When installed in a hot water application, the heater(s) should be installed in a closed loop system. Installing in an open hot water system can cause excessive buildup of chemicals and corrosion and could cause premature failure.
-
- Every system should be properly cleaned when the installation is completed and before putting the system in operation. This includes the boiler, the entire piping system, and the unit heater(s).
 - Every steam or hot water system requires a proper water treatment program with regular water analyses (refer to [Table 8](#)), adequate regulated drains, correct maintenance, periodic safety checks, and periodic inspection followup.

Table 8. Water Recommendations

Water Type	pH	Hardness	Total Alkalinity	Sodium Sulfite (SO ₃)
Supply water	7.5–9.5	5 mg/l CaCO ₃	—	—
Boiler water	10–11.5		250–700 ppm	40–100 ppm
Condensate return water	8–9	—	—	—

OPERATION

Pre-Startup Checklist

Check the following **before** startup:

- ☐ Check suspension—unit must be secure and at desired angle.
- ☐ Check electrical wiring—ensure that all wire gauges are as recommended—verify that fusing or circuit breakers are adequate for load use.
- ☐ Check polarity—verify that line voltage exists between black L1 wire and earth ground.
- ☐ Place literature bag that contains limited warranty form, this manual, and any control or optional information in accessible location near unit.

Startup

Start up the heater as follows:

1. Set thermostat at lowest setting.
2. Turn ON electric power to heater.
3. Open hot water or steam supply valve.
4. Set thermostat to desired setting. Refer to [Table 9](#) for operational sequence.

OPERATION—CONTINUED

Startup—Continued

Table 9. Operational Sequences	
Operation Type	Operational Sequence when Thermostat Calls for Heat
Intermittent fan operation—hot	Fan motor is energized
	Hot water or steam is continuously supplied to heater even when fan motor is not running
	When thermostat is satisfied, fan motor is de-energized
Continuous fan operation—intermittent hot/cold (requires field-supplied electronically-controlled supply valve)	Fan runs continuously
	Supply valve is opened to allow steam or hot water to enter heater
	When thermostat is satisfied, supply valve is closed
Intermittent fan operation—intermittent hot/cold (requires field-supplied electronically-controlled supply valve)	Fan motor is energized*
	Supply valve is opened to allow steam or hot water to enter heater
	When thermostat is satisfied, supply valve is closed and fan motor is de-energized
*To avoid cold air delivery, an field-supplied aquastat may be installed in the supply or return piping to prevent fan operation until the heat exchanger is adequately heated.	

Fan Speed Adjustment

⚠ WARNING ⚠

When setting the rotation speed of the motor, keep away from the fan.

- After making the electrical connection, set the rotation speed of the motor. [Table 10](#) lists fan speed settings with an entering water temperature of 20°F (93°C) and an entering air temperature of 60° (16°C).

Table 10. Fan Speed Settings											
Parameter	Heat Source	Fan Speed	Unit Size								
			18/24	23/33	44/62	60/85	78/110	96/120	140/175	190/238	300/350
Fan rpm (approximate)	Hot water or steam	Low	1050					850			750
		High	1550	1600				1100			
Leaving air temperature (°F (°C))	Hot water	Low	104 (40)	107 (42)	113 (45)	112 (44)	109 (43)	115 (46)		119 (48)	116 (47)
		High	104 (40)		108 (42)	107 (42)	106 (41)	113 (45)	112 (45)	117 (47)	114 (45)
	Steam	Low	121 (49)	124 (51)	132 (56)	129 (54)	125 (52)	134 (57)	134 (57)	140 (62)	133 (56)
		High	115 (46)	121 (49)	126 (52)	123 (51)	121 (49)	131 (55)	130 (54)	137 (58)	128 (53)
Air volume (cfm (m³/hr))	Hot water or steam	Low	270 (459)	330 (561)	560 (952)	800 (1359)	1100 (1869)	1200 (2039)	1750 (2973)	2200 (3738)	3800 (6457)
		High	400 (680)	500 (850)	860 (1461)	1250 (2124)	1650 (2804)	1550 (2634)	2300 (3908)	2850 (4842)	4750 (8071)
Maximum heating capacity (MBH)	Hot water	Low	13	17	32	45	58	72	105	141	230
		High	19	24	45	64	82	89	131	177	276
	Steam	Low	18	23	44	60	78	96	140	190	300
		High	24	33	62	85	110	120	175	238	350

Louver Adjustment

WARNING

To avoid burns, adjust louvers while heater is not in operation. If louvers must be adjusted while heater is operating, wear protective gloves.

CAUTION

Units are shipped from the factory with the air louvers closed. Failure to open the louvers and direct the air could cause damage to the unit.

After installing the unit, the air louvers must be set to direct heated air where it is needed.

MAINTENANCE

WARNING

- Only qualified trained maintenance personnel should work on the heater.
- Before cleaning or servicing the heater, disconnect the power source.
- Eye protection is recommended when cleaning unit.

CAUTION

- When any service is completed, ensure that the unit is reassembled correctly so that no unsafe conditions are created.
- If replacement parts are required, use only factory-authorized parts.

NOTE: To ensure long life and satisfactory performance, a heater that is operated under normal conditions should be inspected and cleaned at the start of each heating season. If the heater is operating in an area where an unusual amount of dust or soot or other impurities are present in the air, more frequent maintenance is recommended.

The unit is designed to operate with a minimum of maintenance. However, to ensure long life and satisfactory performance, routine service is recommended. When servicing, follow standard safety procedures and those specific instructions and warnings in this manual.

MAINTENANCE—CONTINUED

Service Checklist

The following section is designed to aid a qualified service person in maintaining and servicing this equipment. At a minimum, perform the following annually:

- ☐ Clean all dirt, lint, and grease from fan blade, fan guard, and motor.
- ☐ Replace any parts that do not appear sound.
- ☐ Check for any damaged wiring and replace as necessary.

Heat Exchanger Maintenance

CAUTION

- **Failure to maintain an unobstructed airflow could cause damage to the heat exchanger.**
 - **When cleaning the fins with a pressure washer, be careful not to get the motor wet.**
-

The heat exchanger should be checked about every 6 months for dirt or other debris caught in the fins. Clean the fins using a low-pressure air blower or pressure washer.

Fan and Motor Maintenance

WARNING

DO NOT place your hands or any foreign objects in the fan. Do not wear loose clothing when servicing the fan.

- The fan is composed of three or six blades, depending on the size of the heater. Fans have been statically-balanced for reduced noise levels. The blades can reach a speed of 1,650 rpm. The finger-proof fan guard is made of galvanized steel wire and is secured using anti-vibration fasteners. If you notice noise or vibrations caused by the fan, check to ensure that the mounting bolts on the motor, the support, and the fan are well-secured.
- Closed motors have self-lubricating bearings and are maintenance-free. If the motor is replaced, don't forget to check fan rotation.

TROUBLESHOOTING

Table 11. Troubleshooting		
Symptom	Probable Cause	Remedy
A. Unit will not start	1. No power to unit	Turn ON power and check supply fuses or circuit breaker
	2. No 24V power to thermostat	Turn up thermostat
		Check control transformer output
	3. No power to fan motor	Tighten connections at motor terminals
	4. Defective fan motor	Replace fan motor
B. No heat (heater operating)	5. Improper thermostat location or adjustment	Refer to thermostat manufacturer's instructions
	1. Insufficient hot water/steam supply	Provide adequate hot water/steam supply
C. Fan motor will not run	2. Improper thermostat location or adjustment	Refer to thermostat manufacturer's instructions
	1. Circuit open	Check wiring and connections
	2. Defective capacitor	Replace capacitor
	3. Defective starter	Replace starter
	4. Defective overload	Replace overload
D. Fan motor cuts out on overload	5. Defective fan motor	Replace motor
	1. Low or high voltage supply	Correct electric supply
	2. Defective capacitor	Replace capacitor
	3. Defective starter	Replace starter
	4. Defective overload	Replace overload
	5. Defective fan motor	Replace motor
	6. Poor airflow	Clean motor, fan, and fan guard
		Clean heat exchanger
		Adjust louvers

INSTALLATION RECORD (TO BE COMPLETED BY INSTALLER)

Model	Serial No.	Date of Installation	Notes
	Installer	Distributor	
Name			
Company			
Address			
Phone No.			

For more information on Reznor HVAC products:

- Contact your local Reznor representative at 1-800-695-1901
- Refer to the technical specifications, manuals, and consumer materials found at www.reznorhvac.com

