



INVITATION TO BIDDERS

The City of Gatlinburg is accepting sealed bids on one (1) Lochinvar ARMOR Condensing Water Heater. The specifications are located within the bid packet.

Bids will be received at City Hall until **2:30 p.m., January 19, 2017** at which time they will be publicly opened and read aloud. No bid may be withdrawn for thirty (30) days.

Bid shall be sealed in an envelope with the bidder's name, address, the bid opening time and date and the quotation "Lochinvar Water Heater" stated plainly on the outside.

For questions concerning the Bid Documents, Bidders may contact City of Gatlinburg, Delea Patterson, AP/Purchasing at 865-436-1409 or Fax 865-436-6464 or deleap@gatlinburgtn.gov.

Questions about the specifications need to be directed to Gatlinburg Community Center, Sally Worden, at 865-436-4990.

Bid specifications will also be available on the City of Gatlinburg website at www.gatlinburgtn.gov under "Out for Bids" tab. This bid tab is located under Gatlinburg Government, and then Purchasing. Bid results are posted in the same area as shortly after bid opening as possible.

The City reserves the right to qualify bidders, to waive any informalities, to reject any and/or all bids, and to accept the bid deemed most favorable and in the best interest of the City.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

GENERAL PROVISIONS

Prices quoted shall not include Federal or State taxes, if any are applicable. The successful bidder shall furnish tax exemption forms, if required, with their invoices.

The prices quoted are that for which the materials or services will be delivered F.O.B. Gatlinburg, Tennessee.

Any additions, deletions, or variations from the following specifications must be noted.

Inspection of the materials or equipment will be made by an agent of the City of Gatlinburg, and if found defective or fails in any way to meet the terms of this agreement, it will be rejected. Rejected materials or equipment will be replaced at the expense of the bidder.

All technical specifications must accompany bid.

The City of Gatlinburg reserves the right to purchase additional units or services under the same terms and conditions for a period of one (1) year.

The City of Gatlinburg reserves the right to extend this agreement for one (1) additional year after the completion of the first year agreement.

The City of Gatlinburg reserves the right to defer payment for thirty (30) days after delivery. The City of Gatlinburg also reserves the right to reject any and/or all bids.

The bidder agrees to indemnify the City of Gatlinburg from any and all liability; loss or damage the City may suffer as a result of claims, demands, costs, or judgments against it arising from any and all work under this agreement.

The bidder agrees to notify the City, in writing, within thirty (30) days, by registered mail, at the City's address as stated in this agreement, of any claim against the bidder on the obligations indemnified against.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

Vendor shall possess all of the necessary insurances and licenses required to perform this type and size of project. Winning bidder may be asked for a list of references.

BID SPECIFICATIONS

Successful Bidder must be able to complete the project during after-hours of Gatlinburg Community Center.

Lochinvar Specifications



Lochinvar®

615-889-8900 / Fax: 615-547-1000
www.Lochinvar.com

ARMOR™ CONDENSING WATER HEATER

JOB NAME City of Gatlinburg Armor Condensing Water Heater Bid
LOCATION Gatlinburg Community Center
ENGINEER _____
WHOLESALER _____
MECH. CONTRACTOR _____
MODEL NO. AWN50LPM
TYPE GAS Natural
Btu/hr INPUT 500,000
RECOVERY RATE IN GPH 582 @ 100 °F RISE

NOTES

Delivery to Community Center included.

STANDARD FEATURES

- › Up to 97% Thermal Efficiency
- › Modulating Burner with 5:1 Turndown
 - › Direct-Spark Ignition
 - › Low NOx Operation
 - › Sealed Combustion
 - › Low Gas Pressure Operation
- › Vertical & Horizontal Direct-Vent
 - › PVC, CPVC, Polypropylene or SS Venting up to 100 Feet
 - › PVC/CPVC Sidewall Vent Termination
- › Stainless Steel Heat Exchanger
 - › All Welded Construction, Gasketless Design
 - › 160 psi Working Pressure
 - › ASME Construction (AW 286-801)
- › Natural to L.P. Conversion Kit
- › All Bronze Circulating Pump
- › On/Off Switch
- › Flow Switch
- › ASME Temperature & Pressure Relief Valve (286-801)
- › Temperature & Pressure Gauge (AW 501-801)
- › Downstream Test Valves (AW 501-801)
- › Adjustable Leveling Legs
- › Tank Sensor
- › Adjustable High Limit w/ Manual Reset
- › Automatic Reset High Limit
- › Condensate Trap
- › Zero Clearances to Combustible Material
- › 5 Year Limited Warranty (See Warranty for Details)
- › 1 Year Parts Warranty (See Warranty for Details)

SMART SYSTEM FEATURES

- › SMART SYSTEM Digital Operating Control
- › Multi Color Graphic LCD Display
- › Built in Cascading Sequencer for up to 8 Water Heaters
 - › Lead Lag
 - › Efficiency Optimization
- › Building Management System Integration
 - › Modbus Communication (Optional)
 - › 0-10VDC Input to Control Modulation or Set point
 - › 0-10VDC Modulation Rate Output
 - › 0-10VDC Input to Enable/Disable call for heat
- › Access to BMS Settings Through Graphic LCD Display
- › Low Water Flow Safety Control & Indication
- › Inlet & Outlet Temperature Sensors & Readout
- › Flue Temperature Sensor
- › Water Heater Pump Control
- › Pump Delay with Freeze Protection
- › Pump Exercise
- › Night Setback
- › Building Recirculation loop Pump Control*
 - › Night Setback of Building Recirculation Loop*
- › Time Clock
- › Maintenance Reminder
 - › Ability to program name and number into the product as contact
- › High Voltage Terminal Strip
 - › 120 VAC / 60 Hertz / 1 Phase Power Supply
 - › Pump Control Contacts
 - › Water Heater Pump Control Contacts
 - › Building Recirculation Pump Control Contacts
- › Low Voltage Terminal Strip
 - › 24 VAC Auxiliary Device Relay
 - › Auxiliary Proving Switch Contacts
 - › Flow Switch Contacts
 - › Alarm on Any Failure Contacts
 - › Runtime Contacts
 - › Tank Sensor Contacts
 - › Cascade Contacts
 - › 0-10 VDC BMS External Control Contact
 - › 0-10VDC Boiler Rate Output Contacts

OPTIONAL EQUIPMENT

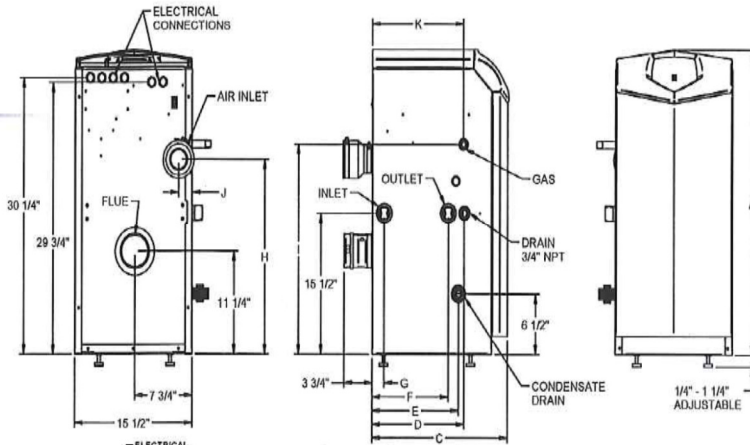
- Alarm Bell
- Condensate Neutralization Kit
- High & Low Gas Pressure Switches (AW 501-801)
- Concentric Vent Kit (3" & 4" PVC/CPVC only)
- BMS Gateway
- ModBus Communications
- SMART SYSTEM PC Software
- Room Air Vent Kits
- Stack Frame

FIRING CONTROL SYSTEMS

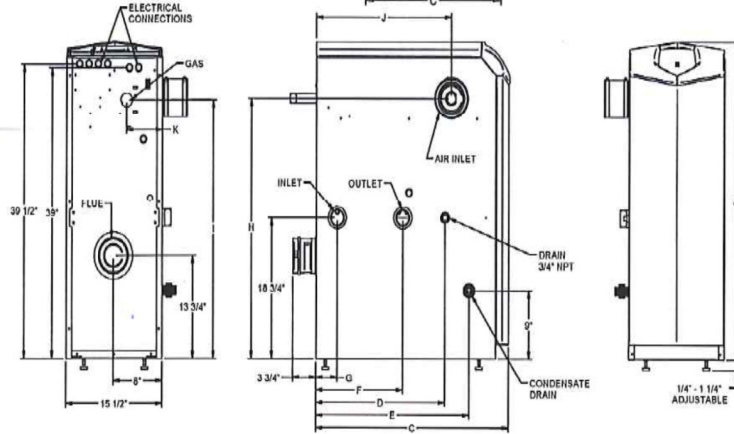
- M9 Standard Construction
- M7 California Code (AW 286-801)

ARMOR Condensing Water Heater Dimensions & Specifications

MODELS 151-200



MODELS 286-801



Model Number	Btu/hr Input	GPH @ 100° Rise	A	C	D	E	F	G	H	I	J	K	Gas Conn.	Water Conn.	Air Inlet	Vent Size	Shipping Wt. (lbs.)
AWN151PM	150,000	173	33-1/4"	18"	12-1/4"	11-1/2"	10"	1-1/2"	21-1/4"	23"	1-3/4"	12"	1/2"	1-1/4"	3"	3"	165
AWN200PM	199,999	235	33-1/4"	22-1/4"	16-1/2"	15-3/4"	14-1/4"	5-1/4"	21-1/4"	23"	1-3/4"	16-1/4"	1/2"	1-1/4"	3"	3"	181
AWN286PM	285,000	332	42-1/2"	19-3/4"	12-3/4"	13-1/2"	6"	2"	34"	31"	11-3/4"	4-1/4"	3/4"	2"	4"	4"	236
AWN400PM	399,999	465	42-1/2"	27"	21"	20-3/4"	14"	3-1/2"	34"	34"	18-3/4"	2"	1"	2"	4"	4"	292
AWN501PM	500,000	582	42-1/2"	31-1/2"	21"	25"	14"	3-1/2"	35"	35"	22"	5-3/4"	1"	2"	4"	4"	333
AWN601PM	600,000	698	42-1/2"	36-1/4"	25"	21"	14"	3-1/2"	36"	32-3/4"	19-1/2"	5-1/2"	1-1/2"	2"	4"	4"	380
AWN701PM	700,000	815	42-1/2"	40-1/4"	29"	23"	17"	3-1/2"	36"	32-3/4"	23-1/2"	3-1/4"	1-1/2"	2"	4"	6"	461
AWN801PM	800,000	931	42-1/2"	45-1/4"	33-1/4"	23"	17"	3-1/2"	36"	32-3/4"	27-3/4"	3-1/4"	1-1/2"	2"	4"	6"	527



Delea Patterson, AP/Purchasing
City of Gatlinburg
1230 Parkway East
P.O. Box 5
Gatlinburg, TN 37738

RE: one (1) Lochinvar ARMOR Condensing Water Heater.

The specifications for the above-mentioned items have been reviewed and the following is offered for one (1) Lochinvar ARMOR Condensing Water Heater delivered to Gatlinburg Community Center:

\$ _____
One (1) Lochinvar ARMOR Condensing Water Heater

Estimated Days for delivery after bid awarded _____.

If offering Equivalent models, please note in Deviations section below.

All bids are to include delivery to a specified location in Gatlinburg.

Any deviations from these specifications are listed below (use back if necessary).

DEVIATIONS YES____ NO____

Bidder Contact Information:

_____ Signed/	_____ Date
_____ Name (Print)	_____ Telephone
_____ Company Name	_____ Fax Number
_____ Address	_____ Email
_____ City State Zip	

EACH BIDDER SHALL SUBMIT THIS STATEMENT OF COMPLIANCE WITH THEIR BID.

For Title VI and IX compliance, we ask for voluntary disclosure of the following information:

Gender:	Male	_____
	Female	_____
Race:	Caucasian	_____
	African-American	_____
	Other (specify)	_____

BIDDER LIST

(Project open to all qualified bidders)

Quality Plumbing
405 Donovan's Way
Kodak, TN 37764
rspadaro@quality-pm.com

Cherokee Group
P.O. Box 6248
Sevierville, TN 37864
865-428-6919 Fax 428-6984
cmccarty@thecherokeegroup.net

James M Pleasant Co. Inc.
Jeff Gibson
jeff@jmpco.com
865-584-5007

Ferguson
Jarett Morgan
Jarett.morgan@ferguson.com
865-347-6343