

OUTDOOR CONDENSING GAS WATER HEATER



Lochinvar's dedication to customer satisfaction has led to the development of an Armor designed and certified specifically for outdoor use.

Engineered to withstand outdoor elements, the newest member of the Armor family offers industry proven operation in a valuable space saving new design.



SMART SYSTEM

96%
THERMAL EFFICIENCY

Features such as 5:1 turndown, a stainless steel heat exchanger, and the SMART SYSTEM™ operating control are standard which gives you benefits currently not available on water heaters certified for outdoor operation. The Armor leads the industry in efficiency and standard features for water heaters designed exclusively for outdoor installations.

The Armor can be paired with an outdoor foam insulated storage tank to provide years of reliable efficient operation while requiring no indoor mechanical space. Also available are custom package systems implementing the Armor and storage tanks. These pre-piped, skid mounted, and factory tested packages can reduce installation costs along with reducing the footprint over field fabricated systems.

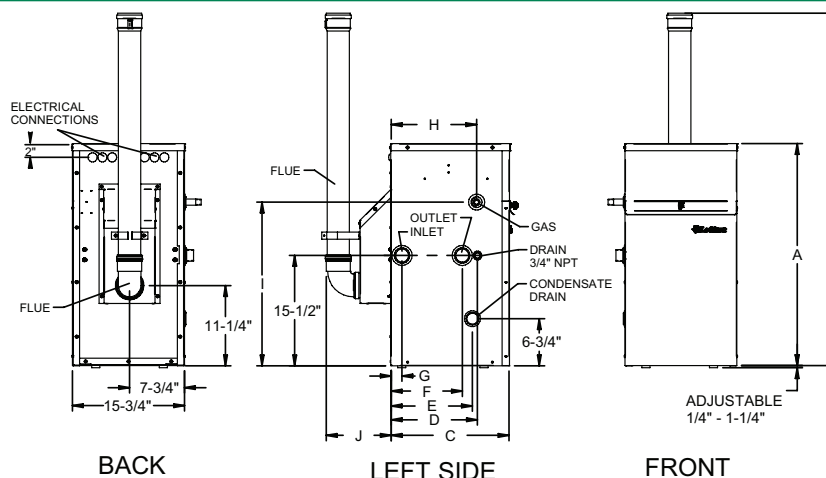
Additional information can be found by referencing the Armor literature or visit our website www.Lochinvar.com.



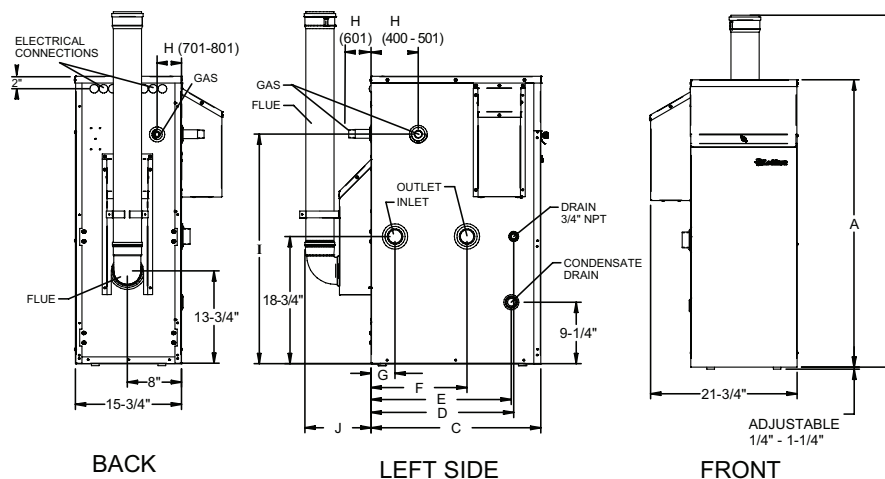
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OUTDOOR ARMOR WATER HEATER DIMENSIONS AND SPECIFICATIONS

Models: OAN 151-286



Models: OAN 400-801



OUTDOOR ARMOR WATER HEATER			DIMENSIONS AND SPECIFICATIONS													
Model Number	Btu/Hr. Input	GPH @ 100° Rise	A	C	D	E	F	G	H	I	J	K	Gas Conn.	Water Conn.	Vent Size	Shipping Wt. (lbs.)
OAN151PM	150,000	175	31-1/4"	16-3/4"	12"	11-1/2"	10"	1-3/4"	12"	23"	9"	49-1/2"	1/2"	1-1/4"	3"	165
OAN200PM	199,999	232	31-1/4"	20-1/4"	16-1/2"	15-3/4"	14-1/2"	5-1/4"	16-1/2"	23"	9-1/4"	49-3/4"	1/2"	1-1/4"	3"	181
OAN286PM	285,000	332	42-1/2"	17-3/4"	13-1/4"	13-1/2"	6-1/4"	2-1/2"	14"	35-3/4"	9-1/4"	52"	3/4"	2"	4"	236
OAN400PM	399,999	464	42-1/2"	25-1/4"	21"	20-3/4"	14-1/4"	3-1/2"	7"	34"	9-3/4"	52"	1"	2"	4"	292
OAN501PM	500,000	582	42-1/2"	31-1/2"	21-1/4"	25"	14-1/4"	3-3/4"	3-1/2"	35-1/4"	9-3/4"	52-3/4"	1"	2"	4"	333
OAN601PM	600,000	698	42-1/2"	35"	21"	25"	14-1/4"	3-1/2"	4-1/2"	32-3/4"	9-1/2"	52"	1"	2"	4"	380
OAN701PM	700,000	815	42-1/2"	41-1/4"	23-1/4"	29-1/4"	17-1/4"	3-1/2"	3"	32-3/4"	12"	49-1/2"	1"	2"	6"	461
OAN801PM	800,000	931	42-1/2"	43-1/4"	23-1/4"	33-1/2"	17-1/4"	3-1/2"	3-1/4"	33"	12-1/4"	50-1/2"	1"	2"	6"	527

Notes: Outdoor installation only. All information subject to change. Change "N" to "L" for LP gas models.

OUTDOOR STANDARD FEATURES

- › AHRI Certified 96% Thermal Efficiency
- › SMART SYSTEM™ Operating Control
- › Modulating Burner with 5:1 Turndown
 - › Direct-Spark Ignition
 - › Low NOx Operation
 - › Sealed Combustion
 - › Low Gas Pressure Operation
- › Stainless Steel Heat Exchanger
 - › All Welded Construction, Gasketless Design
 - › 160 psi Working Pressure
 - › ASME Construction (286-801)
- › Outdoor Rated Vent System
 - › UV Resistant Polypropylene (151-601)
 - › Stainless Steel (701-801)
- › Natural to L.P. Conversion Kit
- › All Bronze Circulating Pump and Pump Cover
- › On/Off Switch
- › Flow Switch
- › ASME Temperature & Pressure Relief Valve (286-801)
- › Temperature & Pressure Gauge (501-801)
- › Downstream Test Valves (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)

OPTIONAL EQUIPMENT

- › Alarm Bell
- › Condensate Neutralization Kit
- › High & Low Gas Pressure Switches (501-801)
- › Modbus Communications
- › BMS Gateway to LON or BacNet
- › SMART SYSTEM PC Software

FIRING CONTROL SYSTEMS

- › M9 Standard Construction



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