

OUTDOOR CONDENSING GAS WATER HEATER



8 MODELS FROM 150,000 TO 800,000 BTU/HR

96% THERMAL EFFICIENCY

5:1 TURNDOWN

WEATHER RESISTANT JACKET FOR OUTDOOR
INSTALLATION



OPERATING CONTROL WITH A BUILT-IN
CASCADING SEQUENCER



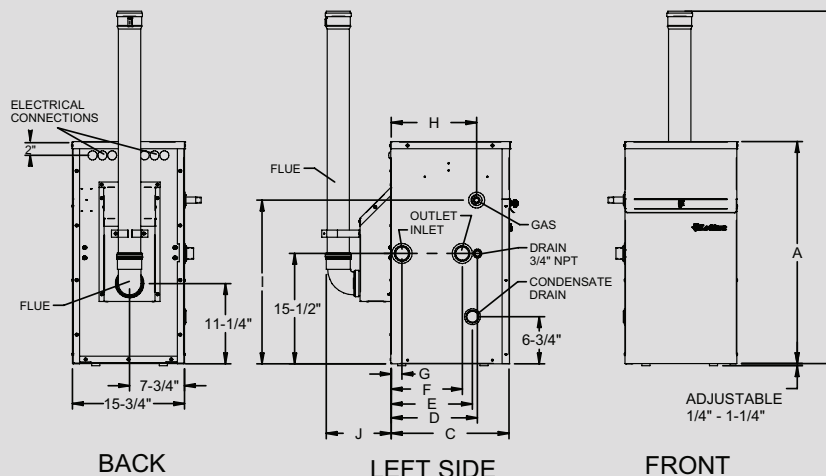
DESIGNED ★ ENGINEERED ★ ASSEMBLED

USA

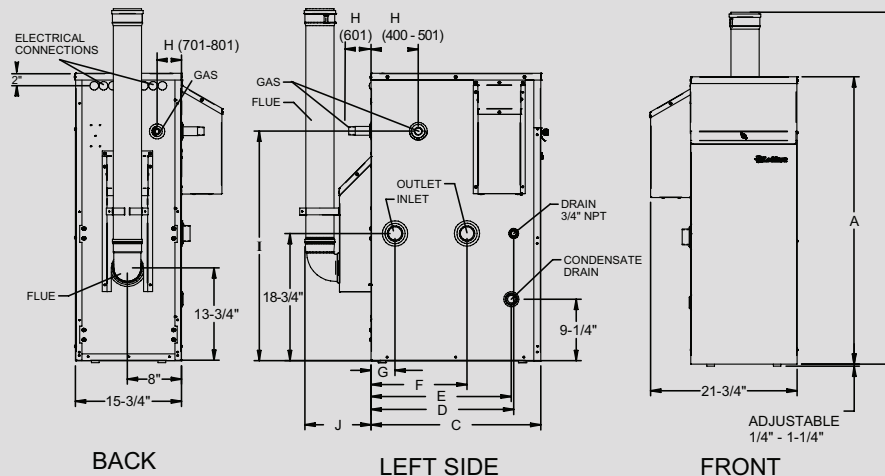


OUTDOOR ARMOR WATER HEATER DIMENSIONS AND SPECIFICATIONS

MODELS: OAN 151-286



MODELS: OAN 400-801



OUTDOOR ARMOR WATER HEATER

Model Number	Btu/Hr. Input	GPH @ 100° Rise
OAN151PM	150,000	175
OAN200PM	199,000	232
OAN286PM	285,000	332
OAN400PM	399,000	464
OAN501PM	500,000	582
OAN601PM	600,000	698
OAN701PM	700,000	815
OAN801PM	800,000	931

DIMENSIONS AND SPECIFICATIONS

A	C	D	E	F	G	H	I	J	K	Gas Conn.	Water Conn.	Vent Size	Shipping Wt. (lbs.)
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
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
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
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
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
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
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
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
 Stainless Steel 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

Audible Alarm
 Condensate Neutralization Kit
 High & Low Gas Pressure Switches (501-801)
 Modbus or BACnet MSTP Communications
 BMS Gateway to LonWorks or BACnet IP
 SMART SYSTEM PC Software

FIRING CONTROL SYSTEMS

M9 Standard Construction



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