



**Lochinvar**<sup>®</sup>  
HIGH EFFICIENCY BOILERS & WATER HEATERS

**REGENT™**  
**CONDENSING TANKLESS WATER HEATER**

Submittal Sheet

**IWH-Sub-01**

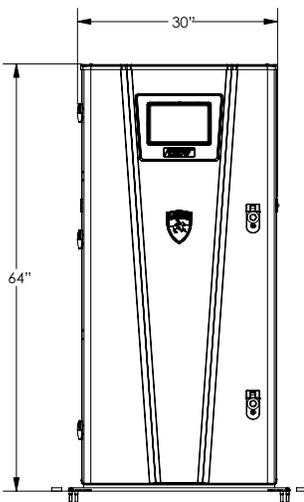
**REGENT COMMERCIAL TANKLESS WATER HEATER / 500,000 TO 1,000,000 BTU/HR**

Job Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Agent/Wholesaler: \_\_\_\_\_  
 Contractor: \_\_\_\_\_

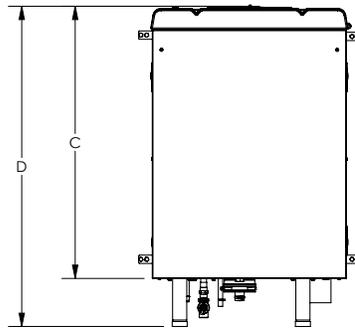
Model No. \_\_\_\_\_  
 Type Gas \_\_\_\_\_ Btu/Hr Input \_\_\_\_\_  
 Recovery Rate in GPH \_\_\_\_\_ @ \_\_\_\_\_ °F Rise  
 Equipment Tag(s): \_\_\_\_\_

**NOTES:**

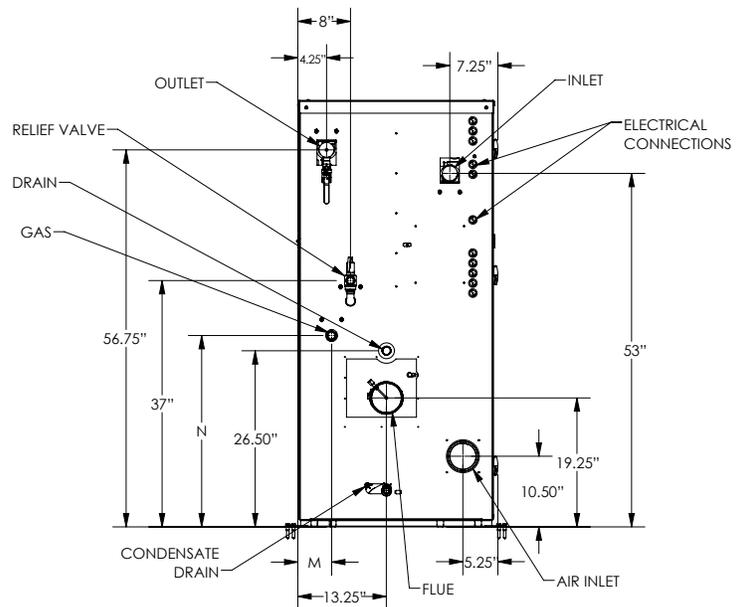
Front View



Top View



Rear View



**REGENT MODELS DIMENSIONS AND SPECIFICATIONS**

Model Number	BTU/HR Input	Thermal Efficiency	GPH 100 °F Rise	Gas Conn.	Water Conn.	Air Inlet	Vent Size	C	D	M	N
IWH0500N	500,000	96%	576	1"	2"	4"	4"	40-3/4"	48"	5"	28-3/4"
IWH0750N	750,000	97%	864	1"	2"	6"	6"	51-1/4"	58-1/2"	5-1/2"	29-3/4"
IWH1000N	1,000,000	97%	1,152	1-1/2"	2"	6"	6"	57-3/4"	67"	5-1/2"	30-1/2"

Notes: change 'N' to 'L' at end of model number for LP gas models. Add - 8647 at the end of model number for Altitude models.

# REGENT™

COMMERCIAL TANKLESS WATER HEATER

## SMART SYSTEM FEATURES

- Smart Touch™ Control
- Stainless Steel Water Tube Heat Exchanger
- Turndown 500k- 12.5:1, 750k - 18.75:1, 1M - 25:1
- Real-Time Combustion Feedback System with O<sub>2</sub> Sensing
- ASME Pressure Relief Valve
- Inlet & Outlet Temperature Sensors
- Stainless Steel Circulating Pump
- Building Recirculation Pump Relay Contacts
- Energy Star® Certified
- Low NOX complies with SCAQMD
- Indoor / Outdoor (with kit)
- Category IV Venting up to 200 feet
- 10 Year Limited Warranty Heat Exchanger (5 yr pro-rated)
- 1 Year Parts Warranty (See warranty for full details)

## STANDARD EQUIPMENT (IN THE BOX)

- CPVC Starter Piece
- Gas Cock
- LP Conversion Kit

## FACTORY INSTALLED OPTIONS

- BACnet MSTP Communications
- Modbus RTU Communications
- High & Low Gas Pressure Switches w/Manual Reset

## SMART TOUCH™ FEATURES

- 10" Full Color Capacitive Touchscreen LCD Display
- Built-in Cascading for up to 8 Same Size Water Heaters
- Building Automation Integration
- Password Security
- Inlet & Outlet Temperature Readout
- Time Clock
- Data Logging:
  - > Runtime tracking
  - > Ignition Attempts
  - > Last 10 Lockouts
  - > Data Graphs
- Real-Time Diagnostic Feedback

## CODES AND REGISTRATIONS

- ASME Certified "HLW" Stamp/National Board
- All Models are California Code Compliant
- Water Heaters are Exempt from CSD1 / FM / GE GAP
- Canadian Registration Number (CRN)



## OPTIONAL ACCESSORIES:

Description	Model	Part No.
Indoor to Outdoor Kit	IWH0500	100400878
Indoor to Outdoor Kit	IWH0750-1000	100400879
Audible Alarm	IWH0500-1000	100301864
BACnet MSTP	IWH0500-1000	100402027
Condensate Kit	IWH0500-0750	100374577
Condensate Kit	IWH1000	100289581
High & Low Pressure Switches	All	100400800
Low Water Cut-Off	All	100400818
LP Conversion Kit	IWH0500-0750	100401775
LP Conversion Kit	IWH1000	100400804
*Cascade Isolation Valve	All	100400856
Modbus Communication	All	100400831
Room Air Kit	IWH0500	100157616
Room Air Kit	IWH0750-1000	100344020
4" PVC Concentric Vent	IWH0500	100140484
4" Flue Damper Kit	IWH0500	100056141
6" Flue Damper Kit	IWH0750-1000	100056142
4" Sidewall Vent Kit	IWH0500	100157611
6" Sidewall Vent Kit	IWH0750-1000	100157612
Heat Exchanger Cleaning Kit	All	100157628

\* Required for all multiple unit cascade installations.



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