



**CXI GAS  
POOL HEATER  
Submittal Sheet**

**COMMERCIAL GAS HEATERS FOR POOL HEATING**

**JOB NAME** \_\_\_\_\_

**LOCATION** \_\_\_\_\_

**ENGINEER** \_\_\_\_\_

**WHOLESALE** \_\_\_\_\_

**MECH. CONTRACTOR** \_\_\_\_\_

**MODEL NO.** \_\_\_\_\_

**TYPE GAS** \_\_\_\_\_

**Btu/hr INPUT** \_\_\_\_\_

**Btu/hr OUTPUT** \_\_\_\_\_

**NOTES**

**Standard Features** \_\_\_\_\_

- > **85% Thermal Efficiency**
- > **Proportional Firing up to 4:1 Turndown**
  - > Hot Surface Ignition
  - > Low NOx Operation
  - > Sealed Combustion
  - > Low Gas Pressure Operation
- > **Vertical & Horizontal Venting**
  - > Category I Venting
    - > Double Wall "B" Vent Material
  - > Category IV Venting
    - > AL29-4C Stainless Steel Vent Material
- > **ASME Copper Finned Tube Heat Exchanger**
  - > ASME Certified, "H" Stamped
  - > Gasketless design
  - > 160 psi working pressure
- > On/Off Switch
- > Adjustable High Limit w/ Manual Reset
- > Temperature & Pressure Gauge
- > Flow Switch
- > All Bronze Pump
- > Low Air Pressure Switch
- > Inlet & Outlet Temperature Sensors
- > Easy Access Terminal Strips
- > Downstream Test Cocks
- > 150 psi ASME Temperature & Pressure Relief Valve
- > 1 Year Warranty on Parts (See Warranty for Details)
- > 5 Year Limited Warranty (See Warranty for Details)
- > Cupro-Nickel Heat Exchanger

**Smart System™ Features** \_\_\_\_\_

- > **SMART SYSTEM™ Operating Control**
  - > 2 Line/16 Character LCD Display
  - > Built in Cascading Sequencer for up to 8 heaters
  - > Password Security
  - > Low Water Flow Control & Indication
  - > Inlet & Outlet Temperature Readout
  - > Freeze Protection
  - > Service Reminder
  - > Time Clock
- > **Data Logging**
  - > Hours Running
  - > Ignition Attempts
  - > Last 10 Lockouts
- > **Pump Control**
  - > Pool Heater Pump
- > **High Voltage Terminal Strip**
  - > 120 VAC / 60 Hertz / 1 Phase Power Supply
  - > Pump Contacts with Pump Relay
- > **Low Voltage Terminal Strip**
  - > 24 VAC Auxiliary Device Relay Output - Louvers
  - > Auxiliary Proving Switch Contacts - Louvers
  - > Alarm on Any Failure Contacts
  - > Runtime Contacts
  - > Contacts for Air Louvers
  - > Contacts on Any Failure
  - > Unit Enable/Disable Contacts
  - > 0-10V Rate Contacts
  - > Pool Sensor Contacts
  - > Pool Supply Sensor Contacts
  - > Cascade Contacts

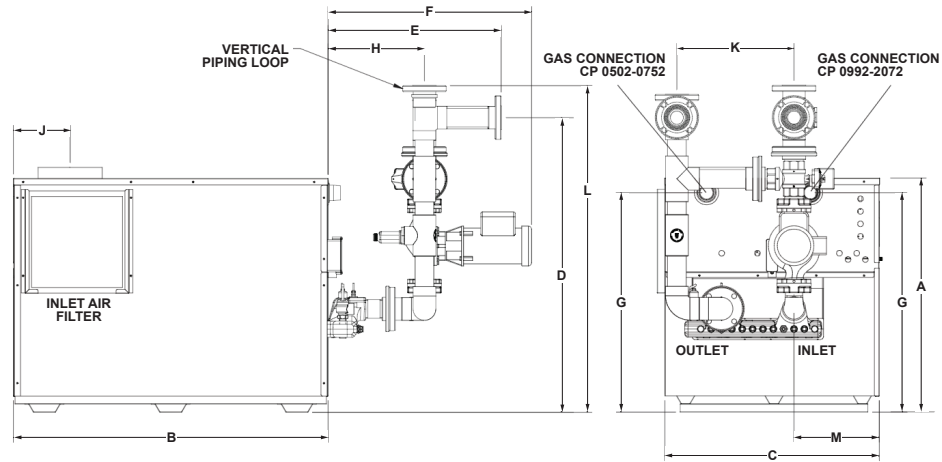
**Optional Equipment** \_\_\_\_\_

- > Alarm
- > High & Low Gas Pressure Switches w/ Manual Reset
- > Low Water Cut Off, Probe Type w/ Manual Reset & Test
- > Texas Pool Code (Outdoor Flow Switch and T&P Gauge)
- > Modbus Communications
- > Combustible Floor Kit (0502-0752)
- > Stack Frame
- > M7 Firing Code - California Code

**Certifications** \_\_\_\_\_

- > ANSI Z21.13/CSA 4.9 certified
- > CSD1 / Factory Mutual / GE Gap Compliant
- > South Coast Air Quality Management District registered
- > Texas Commission on Environmental Quality

# Commercial Gas Heater Dimensions & Specifications



Model Number	Input MBH	A	B	C	D	E	F	G	H	J	K	L	M	Vent Size	Air Inlet	Gas Conn	Ship Wt.
<input type="checkbox"/> CXI500	500	31-1/2"	45-1/2"	22-1/4"	38"	20-1/4"	26-1/2"	29"	9-3/4"	7"	12-3/4"	41-1/4"	9"	6"	6"	1-1/4"	523
<input type="checkbox"/> CXI650	650	31-1/2"	56-3/4"	22-1/4"	38"	20-1/4"	26-1/2"	29"	9-3/4"	8-1/2"	12-3/4"	41-1/4"	9"	8"	8"	1-1/4"	665
<input type="checkbox"/> CXI750	750	31-1/2"	64"	22-1/4"	38"	20-1/4"	26-1/2"	29"	9-3/4"	8-1/2"	12-3/4"	41-1/4"	9"	8"	8"	1-1/4"	713

**Notes:**

Water connections for models CXI500-0750 are 2" flanged.  
Performance data is based on manufacturer test results.

No derationon LP models.  
\*Cupro-Nickel Heat Exchanger is standard.

## Venting Options

- Aire-Lock Direct Vent Sealed Combustion
- Conventional
- DirectAire® Vertical
- DirectAire® Vertical w/ Sidewall Inlet
- Outdoor
- Powered DirectAire® Horizontal
- Powered Sidewall
- Sidewall



**Zodiac Pool Systems LLC**  
2882 Whiptail Loop East # 100, Carlsbad CA 92010  
1.800.822.7933 | www.Jandy.com

