

# JXiQ™ and JXi™ Models & Parts



## Jandy® JXiQ™ Smart Heater

- Connect with Bluetooth® to get full, real-time diagnostic capabilities displayed on the Fluidra Pro App
- Ensures there's enough gas pressure to safely ignite
- Measures temperature rise between the inlet and outlet to optimize flow and avoid heat exchanger failures

### Part No. Description

#### Copper Heat Exchanger Tubes with Polymer Headers and VersaFlo

JXIQ200NK Jandy JXiQ Pool Heater 200 Natural Gas with VersaFlo

JXIQ200PK Jandy JXiQ Pool Heater 200 Propane Gas with VersaFlo

JXIQ260NK Jandy JXiQ Pool Heater 260 Natural Gas with VersaFlo

JXIQ260PK Jandy JXiQ Pool Heater 260 Propane Gas with VersaFlo

JXIQ400NK Jandy JXiQ Pool Heater 400 Natural Gas with VersaFlo

JXIQ400PK Jandy JXiQ Pool Heater 400 Propane Gas with VersaFlo



Large Screen Control Panel



## Jandy® JXi™ Standard Heater

### Part No. Description

#### Copper Heat Exchanger Tubes with Polymer Headers

JXI200N Jandy JXi Pool Heater 200 Natural Gas

JXI200P Jandy JXi Pool Heater 200 Propane Gas

JXI260N Jandy JXi Pool Heater 260 Natural Gas

JXI260P Jandy JXi Pool Heater 260 Propane Gas

JXI400N Jandy JXi Pool Heater 400 Natural Gas

JXI400P Jandy JXi Pool Heater 400 Propane Gas

#### Cupronickel Heat Exchanger Tubes with Polymer Headers

JXI400NN Jandy JXi Pool Heater 400 Natural Gas CuNi

JXI400PN Jandy JXi Pool Heater 400 Propane Gas CuNi



Digital Controller



JXiQ/JXi  
Sacrificial Anode

JXiQ/JXi  
Air Intake Kit

JXiQ/JXi Control Panel  
Lock Box

## JXiQ™/JXi™ Accessories

### Part No. Description

R0965100 JXiQ/JXi Sacrificial Anode

R0731100 JXiQ/JXi 4" Vent Adapter

R0724600 JXiQ/JXi Air Intake Kit w/ 3" Adapter

JXIGUARD JXiQ/JXi Control Panel Lock Box

## Optional Testing Equipment

### Part No. Description

R0010400 Gas Pressure Test Kit (manometer)

R0336000 Temp Rise Measurement, Replacement Kit (Can be used on all heaters — JXi™, LXi, Legacy™, LX™/LT™, Lite2™, etc.)

## Pressure Relief Valves

### Part No. Description

R0040400 Pressure Relief Valve Kit, 75 psi, Cast Iron/Bronze Headers

R0336100 Pressure Relief Valve Kit, 75 psi, Polymer Headers, LX/LT, LXi, and Legacy (Also works with cast iron/bronze headers)

R0336101 Pressure Relief Valve Kit JXi

R0336102 Pressure Relief Valve Kit, JXi ASME® Compliant, 75 psi

### Model

All

All

All

JXi ASME Compliant

### PROFESSIONAL INSTALLATION REQUIRED

Jandy heaters must be installed and serviced by a professional and qualified pool/spa technician. Improper installation and/or operation may void the warranty. See owner's/user's manual.

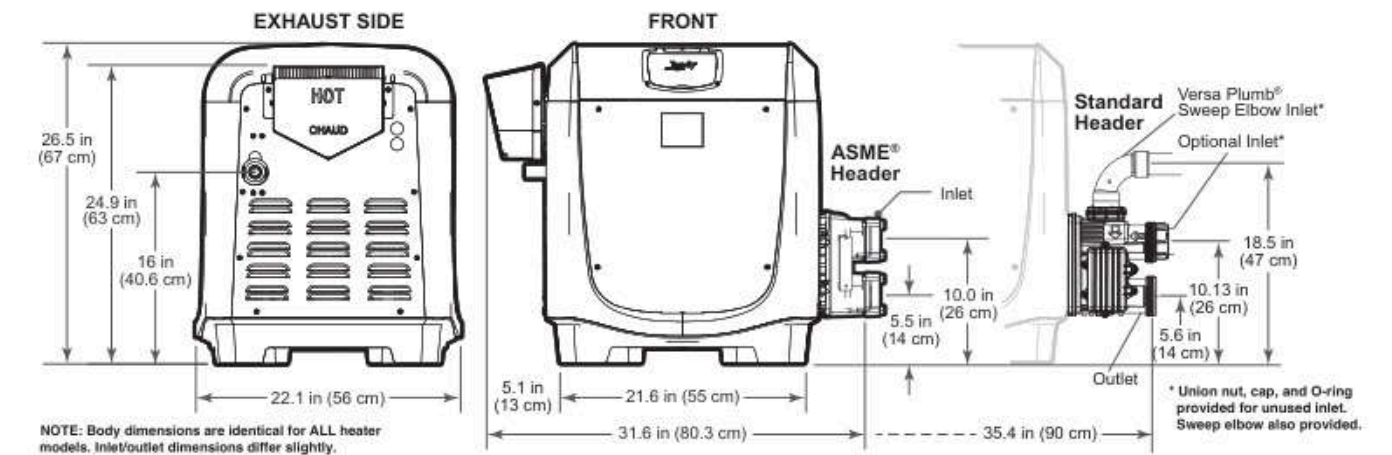
GAS HEATERS

Heater Model Numbers

| JXi™  |      |                 |                                                                            |  |                                                                                                                                                                                                                                                                         |
|-------|------|-----------------|----------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model | Size | Fuel Type       | Heat Exchanger and Headers                                                 |  | Altitude Ratings                                                                                                                                                                                                                                                        |
| JXiQ  | 200  | N = Natural Gas | Blank = Copper Heat Exchanger; Polymer Header                              |  | JXiQ and JXi heaters are CSA certified for elevations of up to 4,500 ft. (1,372 m.) above sea level. BTU output is reduced about 4% per 1,000 ft. (305 m) over 4,500 ft. (1,372 m.). In general, efficiency at high elevations is equal to or better than at sea level. |
| JXi   | 260  | P = Propane Gas | N = Cupronickel Heat Exchanger; Polymer Header                             |  |                                                                                                                                                                                                                                                                         |
|       | 400  |                 | K = Copper Heat Exchanger; Polymer Header with VersaFlo™ Factory Installed |  |                                                                                                                                                                                                                                                                         |
|       |      |                 | C = Copper Heat Exchanger, Bronze Header (ASME® Compliant)*                |  |                                                                                                                                                                                                                                                                         |
|       |      |                 | S = Cupronickel Heat Exchanger; Bronze Header (ASME Compliant)             |  |                                                                                                                                                                                                                                                                         |

\*ASME = Conforms to American Society of Mechanical Engineers certification.

Specifications and Dimensions for JXiQ™ and JXi™ Series Heaters



| Model | Vent Diameter (Category I) |    | Vent Diameter (Category III) |    | Firing Rate |         |
|-------|----------------------------|----|------------------------------|----|-------------|---------|
|       | in.                        | cm | in.                          | cm | BTU/HR      | kcal/HR |
| 200   | 6                          | 15 | 4                            | 10 | 200,000     | 50      |
| 260   | 7                          | 18 | 4                            | 10 | 260,000     | 66      |
| 400   | 8                          | 20 | 4                            | 10 | 399,000     | 101     |

Natural Gas Pipe Size Requirements

| Maximum Equivalent Pipe Length (Sch 40 Metallic Pipe)                        |       |       |       |        |        |        |        |        |
|------------------------------------------------------------------------------|-------|-------|-------|--------|--------|--------|--------|--------|
| Natural Gas 1000BTU/FT³ — 0.60 Specific Gravity @ 0.5 in. W.C. Pressure Drop |       |       |       |        |        |        |        |        |
| Propane Gas 2500BTU/FT³ — 1.53 Specific Gravity @ 0.5 in. W.C. Pressure Drop |       |       |       |        |        |        |        |        |
|                                                                              | 3/4"  |       | 1"    |        | 1-1/4" |        | 1-1/2" |        |
|                                                                              | NAT   | LP    | NAT   | LP     | NAT    | LP     | NAT    | LP     |
| JXi200                                                                       | 25 ft | 60 ft | 90 ft | 215 ft | 360 ft |        | 445 ft |        |
| JXi260                                                                       | 15 ft | 35 ft | 50 ft | 125 ft | 210 ft | 480 ft |        |        |
| JXi400                                                                       | *     | 15 ft | 20 ft | 55 ft  | 95 ft  | 225 ft | 215 ft | 480 ft |

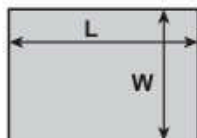
\*A 3/4" gas line can be used for up to 5 feet maximum length from the gas valve in addition to the sediment trap.

- NOTE:
- Check supply pressure and local code requirements before proceeding with installation.
  - Consider pipe fittings when determining gas pipe sizing. For every elbow used add three (3) feet to straight pipe length.
  - Table shows the minimum supply gas pipe size required. Larger pipe size can be used if required by local code or if desired.
  - It is critical that the incoming gas supply pressure at the heater is within the maximum and minimum pressure requirements. If the range of acceptable supply pressure is not provided, the gas supply system to the heater must be modified to meet pressure requirements.

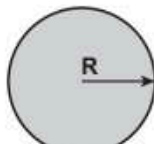
# Heater Selection Guide

## POOL SIZING

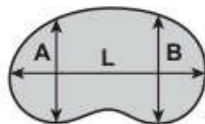
1. Calculate the pool's surface area in square feet



$$\text{Area} = L \times W$$



$$\text{Area} = R \times R \times 3.14$$



$$\text{Area} = (A + B) \times L \times 0.45$$

2. Calculate the design temperature difference. (Round up to 5 degree increment)

$$(\text{Typical Water Temp}) - (\text{Average Outdoor Temp while using heater})$$

3. Locate the temperature difference in Pool Heater chart below
4. Move right to find the surface area that is equal to or slightly greater than the area calculated in step 1
5. Move up to find the recommended heater size based on pool size and temperature difference

## SPA SIZING

1. Calculate the spa capacity in U.S. Gallons  
(surface area)  $\times$  (average depth)  $\times$  7.5
2. Locate the spa size in the spa heater chart below that is equal to or slightly greater than the capacity calculated in step 1
3. Move right to find the time required to raise the spa water 30°F
4. Move up to find the required heater size for the chosen time

### NOTES:

The chart below can be adjusted for other temperature rises. For example, if you desire a 15°F increase in temperature, simply divide the times in the chart below by 2.

Heat losses to air and/or heat absorbed by spa walls or other objects will affect and add to the heat-up times listed in the chart below.

Spa sizing times in the chart below are based on insulated and covered spa. Always cover your spa when not in use to minimize heat loss and evaporation.

## Heater Sizing Charts

### Pool Sizing

| Model           | JXi™                                                                                   |         |        |         |        |         | Hi-E2® |         |
|-----------------|----------------------------------------------------------------------------------------|---------|--------|---------|--------|---------|--------|---------|
|                 | 200                                                                                    |         | 260    |         | 400    |         | 350    |         |
|                 | 0 Wind                                                                                 | 3.5 MPH | 0 Wind | 3.5 MPH | 0 Wind | 3.5 MPH | 0 Wind | 3.5 MPH |
| Temp Difference | Maximum Surface Area per Heater<br>(Assumes 4.5' Avg Depth and 1°F per hour temp rise) |         |        |         |        |         |        |         |
| 15°F            | 580                                                                                    | 480     | 760    | 630     | 1,160  | 970     | 1,160  | 970     |
| 20°F            | 560                                                                                    | 440     | 730    | 580     | 1,120  | 880     | 1,120  | 880     |
| 25°F            | 530                                                                                    | 400     | 690    | 530     | 1,060  | 800     | 1,060  | 800     |
| 30°F            | 490                                                                                    | 360     | 640    | 480     | 990    | 730     | 990    | 730     |
| 35°F            | 450                                                                                    | 330     | 600    | 430     | 910    | 660     | 910    | 660     |

Temp Difference is the difference between the water and air temperature (Water Temp - Air Temp)

### Spa Sizing

| Model         | JXi                               |     |     | Hi-E2 |
|---------------|-----------------------------------|-----|-----|-------|
|               | 200                               | 260 | 400 | 350   |
| Spa Size      | Time to Raise Temp 30°F (minutes) |     |     |       |
| 200 Gallons   | 18                                | 14  | 9   | 9     |
| 400 Gallons   | 35                                | 28  | 18  | 18    |
| 600 Gallons   | 53                                | 41  | 27  | 27    |
| 800 Gallons   | 71                                | 55  | 35  | 35    |
| 1,000 Gallons | 89                                | 70  | 44  | 44    |

## Energy Guide Labels

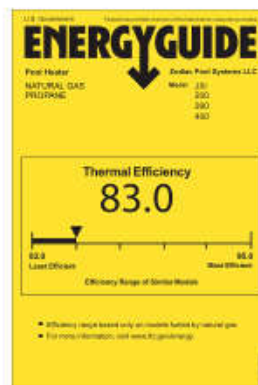
### JXiQ™ and JXi™ 84%

JXiQ400NK, JXi400N, JXi400P, JXi260N, JXi260P, JXiQ400PK, JXiQ260NK, JXiQ260PK



### JXiQ and JXi 83%

JXi400NN, JXi400PN, JXi200N, JXi200P, JXiQ200NK, JXiQ200PK

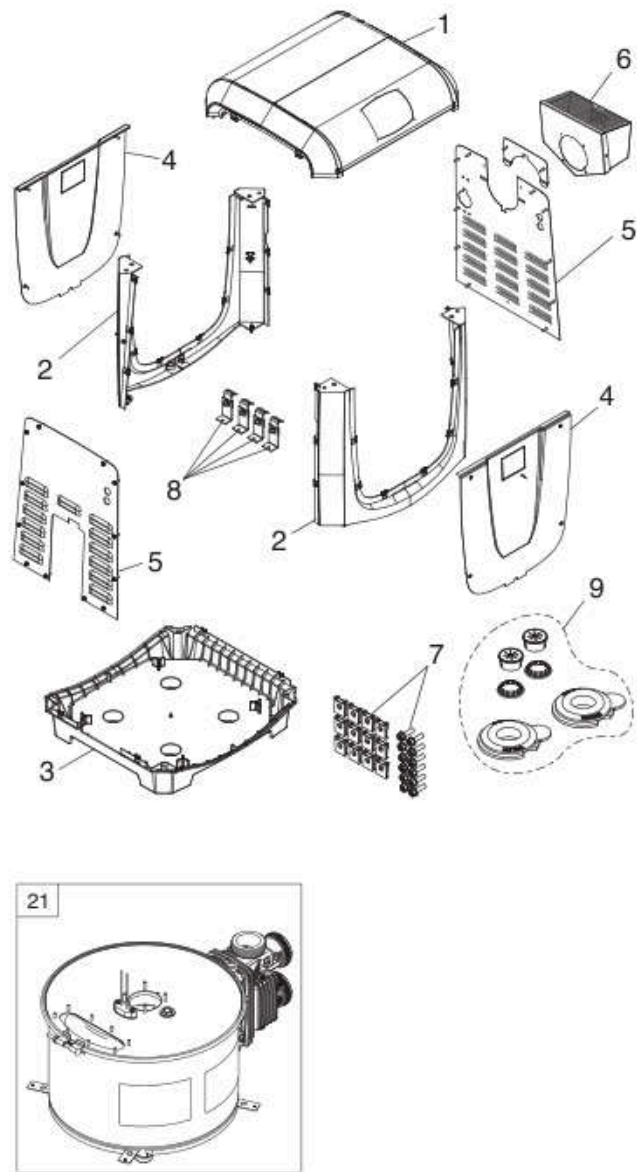
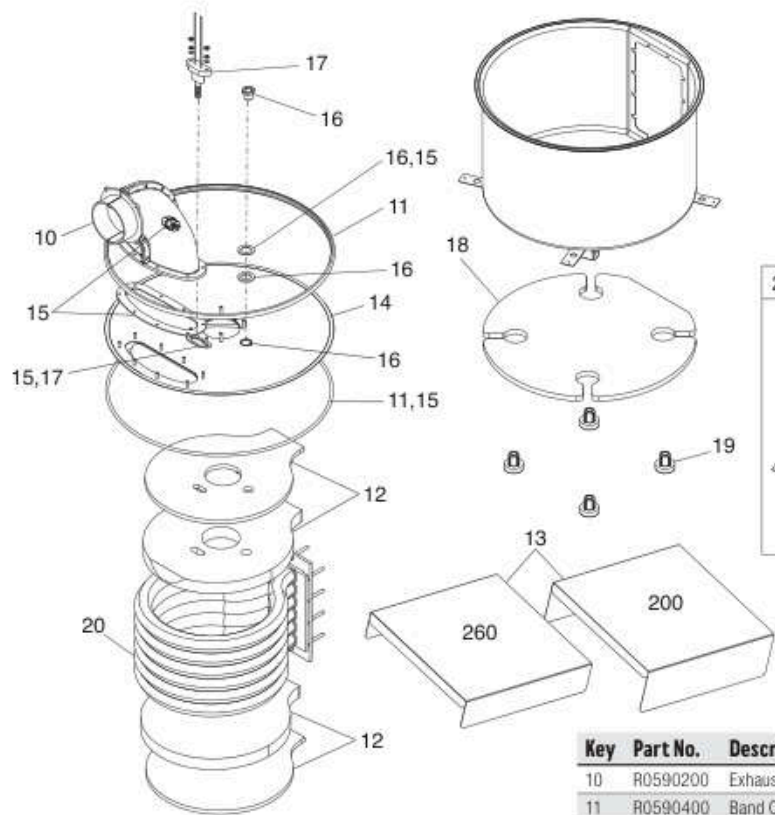


GAS HEATERS

JXi™ Heater (Mfg. 2014–Present)

| Key | Part No. | Description                                | Model         |
|-----|----------|--------------------------------------------|---------------|
| 1   | R0592400 | Heater Jacket Top (No User Interface)      | 200, 260, 400 |
| 2   | R0592500 | Corner Posts, Heater Jacket, 4/PK          | 200, 260, 400 |
| 3   | R0592600 | Heater Base Replacement Kit                | 200, 260, 400 |
| 4   | R0592700 | Front/Back Panel, Heater Jacket            | 200, 260, 400 |
| 5   | R0592900 | Side Panel Kit, 2/PK                       | 200, 260, 400 |
| 6   | R0593100 | Vent Terminal Housing Kit                  | 200, 260, 400 |
| N/S | R0593200 | Brackets and Isolator Kit                  | 200, 260, 400 |
| 7   | R0593300 | Jacket Hardware Kit (Nuts, Screws & Clips) | 200, 260, 400 |
| 8   | R0593400 | Anchor Brackets                            | 200, 260, 400 |
| 9   | R0591800 | Gas Inlet and Electric Hole Plug Kit       | 200, 260, 400 |

N/S-Not Shown

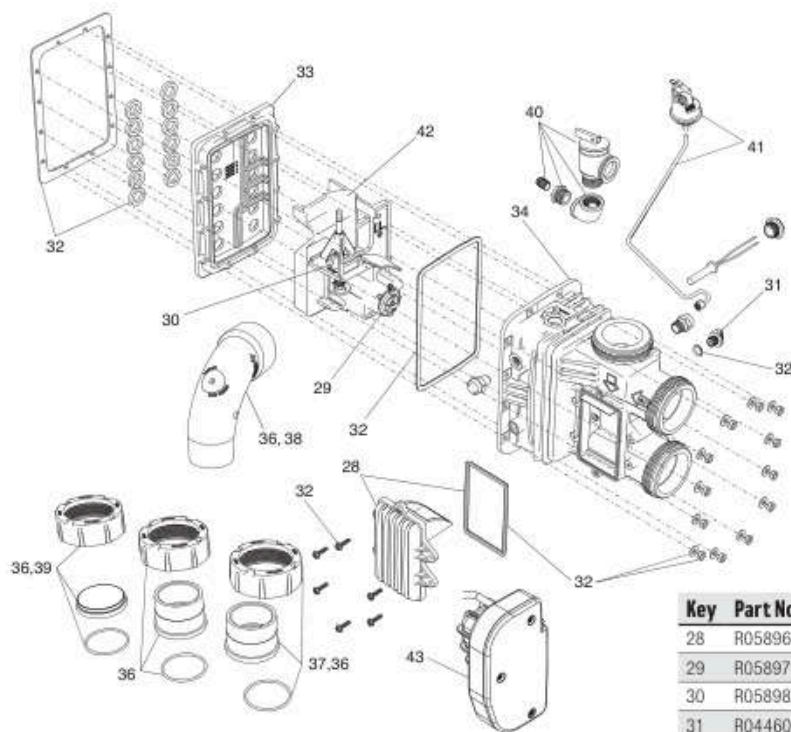
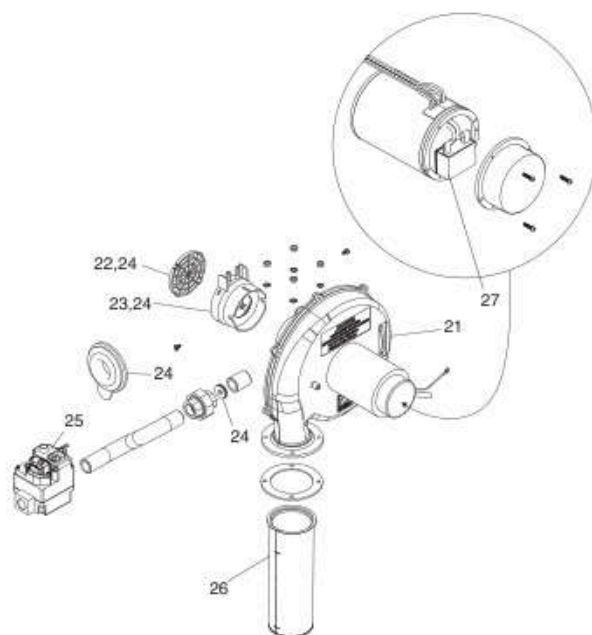


| Key | Part No. | Description                                           | Model         |
|-----|----------|-------------------------------------------------------|---------------|
| 10  | R0590200 | Exhaust Elbow Assembly                                | 200, 260, 400 |
| 11  | R0590400 | Band Clamp Replacement Kit                            | 200, 260, 400 |
| 12  | R0590500 | Refractory Replacement Kit, Internal                  | 200, 260, 400 |
| 13  | R0590700 | Combustion Chamber Shelf Kit                          | 200, 260      |
| 14  | R0590800 | Combustion Chamber Lid (Gaskets and O-Rings)          | 200, 260, 400 |
| 15  | R0590900 | Gasket Kit                                            | 200, 260, 400 |
| 16  | R0305400 | Sight Glass Kit                                       | 200, 260, 400 |
| 17  | R0457502 | Igniter Kit                                           | 200, 260, 400 |
| 18  | R0591000 | Refractory Replacement Kit, External                  | 200, 260, 400 |
| 19  | R0593200 | Isolator Kit                                          | 200, 260, 400 |
| 20  | R0589405 | Heat Exchanger Tube Replacement (400k)                | 400           |
|     | R0589403 | Heat Exchanger Tube Replacement (260k)                | 260           |
|     | R0589402 | Heat Exchanger Tube Replacement (200k)                | 200           |
|     | R0746905 | Heat Exchanger CuNi Tube Replacement (400k)           | 400NN, 400PN  |
| 21  | R0805805 | Heat Exchanger and Header Assembly* (Excludes Burner) | 400           |
|     | R0805803 | Heat Exchanger and Header Assembly* (Excludes Burner) | 260           |

\*Complete Heat Exchanger and Header Assembly labeled for use on Natural Gas Heaters; kit includes labeling for use on LP Heaters.

## JXi™ Heater (Mfg. 2014–Present)

| Key | Part No. | Description                                      | Model         |
|-----|----------|--------------------------------------------------|---------------|
| 21  | R0591100 | Blower Assembly                                  | 200, 260, 400 |
| 22  | R0591200 | Air Intake Grate                                 | 200, 260, 400 |
| 23  | R0591302 | Orifice, Blower Air Intake Kit, 200N             | 200           |
|     | R0591303 | Orifice, Blower Air Intake Kit, 260N             | 260           |
|     | R0591305 | Orifice, Blower Air Intake Kit, 400N             | 400           |
|     | R0591312 | Orifice, Blower Air Intake Kit, 200P             | 200           |
|     | R0591313 | Orifice, Blower Air Intake Kit, 260P             | 260           |
|     | R0591315 | Orifice, Blower Air Intake Kit, 400P             | 400           |
| 24  | R0591601 | Gas Orifice Kit, 200, NAT (LP to NAT Conversion) | 200           |
|     | R0591602 | Gas Orifice Kit, 260, NAT (LP to NAT Conversion) | 260           |
|     | R0591604 | Gas Orifice Kit, 400, NAT (LP to NAT Conversion) | 400           |
|     | R0591605 | Gas Orifice Kit, 200, LP (NAT to LP Conversion)  | 200           |
|     | R0591606 | Gas Orifice Kit, 260, LP (NAT to LP Conversion)  | 260           |
|     | R0591608 | Gas Orifice Kit, 400, LP (NAT to LP Conversion)  | 400           |
| 25  | R0591400 | Gas Valve                                        | 200, 260, 400 |
| 26  | R0591702 | Burner Gas Supply System Kit, 200                | 200           |
|     | R0591703 | Burner Gas Supply System Kit, 260                | 260           |
|     | R0591705 | Burner Gas Supply System Kit, 400                | 400           |
| 27  | R0614500 | Capacitor Blower, JXi Kit                        | 200, 260, 400 |



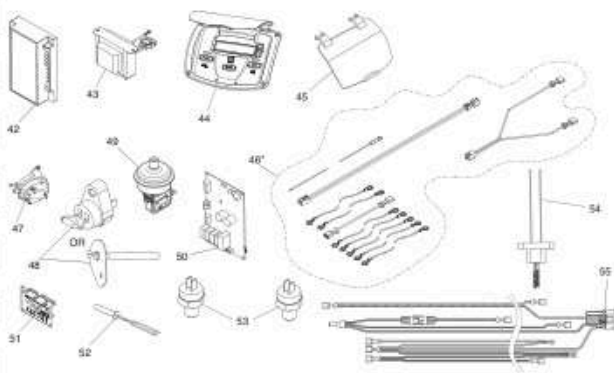
| Key | Part No.  | Description                                  | Model         |
|-----|-----------|----------------------------------------------|---------------|
| 28  | R0589600  | Access Door Kit (Door, O-Ring Seal, Screws)  | 200, 260, 400 |
| 29  | R0589700  | Thermal Regulator Valve                      | 200, 260, 400 |
| 30  | R0589800  | Bypass Kit (Shaft, Spring, C-clip, Poppet)   | 200, 260, 400 |
| 31  | R0446000  | Drain Plug                                   | 200, 260, 400 |
| 32  | R0589500  | Gasket & Seals Kit (Heater Manifold)         | 200, 260, 400 |
| 33  | R0590005  | Manifold Backplate, JXi 400                  | 400           |
|     | R0590003  | Manifold Backplate, JXi 260                  | 260           |
|     | R0590002  | Manifold Backplate, JXi 200                  | 200           |
| 34  | R0590100  | Manifold, Heater 3 Port (No Backplate)       | 200, 260, 400 |
| 35  | R0593500  | Goody Bag Kit*                               | 200, 260, 400 |
| 36  | R0522900  | Universal Half Unions, 1/2PK                 | 200, 260, 400 |
| 37  | SEAQL1001 | Sweep Elbow AquaLink® Temp                   | 200, 260, 400 |
| 38  | R0523000  | Drain Cap Assembly                           | 200, 260, 400 |
| 39  | R0336101  | Pressure Relief Valve JXi Replacement Kit    | 200, 260, 400 |
| 40  | R0457001  | Pressure Switch w/Siphon Loop Kit            | 200, 260, 400 |
| 41  | R0725203  | Flow Plate Assembly, JXi 400                 | 400           |
|     | R0725202  | Flow Plate Assembly, JXi 260                 | 260           |
|     | R0725201  | Flow Plate Assembly, JXi 200                 | 200           |
| 42  | JXIVFKIT  | JXi VersaFlo™ Integrated Bypass Assembly Kit | 200, 260, 400 |

\*Goody Bag Kit also includes the Installation and Operation Manual and the Universal Controller Quick Guide

GAS HEATERS

JXi™ Heater (Mfg. 2014–Present)

| Key | Part No. | Description                                          | Model         |
|-----|----------|------------------------------------------------------|---------------|
| 42  | R0456900 | Ignition Control                                     | 200, 260, 400 |
| 43  | R0456301 | Transformer                                          | 200, 260, 400 |
| 44  | R0591900 | User Interface Kit                                   | 200, 260, 400 |
| 45  | R0592000 | User Interface Lid Kit                               | 200, 260, 400 |
| 46  | R0592100 | Wiring Harness Kit                                   | 200, 260, 400 |
| 47  | R0456400 | Air Pressure Switch                                  | 200, 260, 400 |
| 48  | R0524300 | Vent Limit Switch - JXi Rev G* and Earlier           | 200, 260, 400 |
| 48  | R0719400 | Electronic Flue Sensor - JXi Rev H* and Later**      | 200, 260, 400 |
| 49  | R0013203 | Water Pressure Switch, 7 psi, JXi                    | 200, 260, 400 |
| 50  | R0458200 | Power Interface Board (PIB) - JXi Rev G* and Earlier | 200, 260, 400 |
| 50  | R0719500 | Power Interface Board (PIB) - JXi Rev H* and Later** | 200, 260, 400 |
| 51  | R0458100 | Power Distribution Board (PDB)                       | 200, 260, 400 |
| 52  | R0456500 | Temperature Sensor Kit                               | 200, 260, 400 |
| 53  | R0592300 | High-Limit Temp Sensors                              | 200, 260, 400 |
| 54  | R0457502 | Igniter Kit, JXi                                     | 200, 260, 400 |
| 55  | R0457701 | JXi Power Interface Harness                          | 200, 260, 400 |



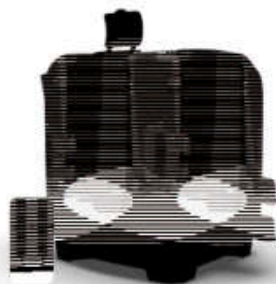
\*The JXi Revision can be identified by the first letter of the serial number found on the heater rating plate.

\*\*To install on Rev G and Earlier JXi heaters, R0719400 and R0719500 must be replaced together.

JXiQ™ Heater (Mfg. 2024–Present)

| Key | Part No. | Description                                       | Model         |
|-----|----------|---------------------------------------------------|---------------|
| N/S | R0988203 | JXiQ Complete Combustion Chamber, w/o Burner, 260 | 260           |
| N/S | R0988205 | JXiQ Complete Combustion Chamber, w/o Burner, 400 | 400           |
| N/S | R0989100 | JXiQ Gas Pressure Switch                          | 200, 260, 400 |
| N/S | R0988500 | JXiQ Gas Pressure Switch Assembly                 | 200, 260, 400 |
| N/S | R0988700 | JXiQ Ignition Controller Assembly                 | 200, 260, 400 |
| N/S | R0988600 | JXiQ Outlet Sensor / Drain                        | 200, 260, 400 |
| N/S | R0988800 | JXiQ UI, Complete                                 | 200, 260, 400 |
| N/S | R0989200 | JXiQ UI Lid Kit                                   | 200, 260, 400 |
| N/S | R0988900 | JXiQ Wiring Harnesses                             | 200, 260, 400 |
| N/S | R0989000 | JXiQ UI Wiring Harness                            | 200, 260, 400 |
| N/S | R1009500 | JXiQ Fuse Kit                                     | 200, 260, 400 |
| N/S | R0985500 | JXiQ PI Harness Kit                               | 200, 260, 400 |
| N/S | R0719402 | JXiQ Flue Sensor Kit                              | 200, 260, 400 |
| N/S | R0456502 | JXiQ Inlet Temp Sensor                            | 200, 260, 400 |
| N/S | R0965100 | JXiQ/JXi Sacrificial Anode                        | 200, 260, 400 |

N/S=Not Shown



## Jandy® JXiQ™ ASME® Compliant Heater

- Robust copper or cupronickel heat exchanger tubes and corrosion-resistant bronze headers to meet the high stresses of commercial installations
- Best retrofit option, no plumbing adjustments required for quick and easy replacement of Pentair® MasterTemp® and Sta-Rite® Max-E-Therm® heaters

### Part No. Description

#### Copper Heat Exchanger Tubes with Bronze Headers

JXiQ260NC JXiQ Pool Heater 260 Natural Gas ASME Compliant

JXiQ260PC JXiQ Pool Heater 260 Propane Gas ASME Compliant

JXiQ400NC JXiQ Pool Heater 400 Natural Gas ASME Compliant

JXiQ400PC JXiQ Pool Heater 400 Propane Gas ASME Compliant

#### Cupronickel Heat Exchanger Tubes with Bronze Headers

JXiQ260NS JXiQ Pool Heater 260 Natural Gas CuNi ASME Compliant

JXiQ260PS JXiQ Pool Heater 260 Propane Gas CuNi ASME Compliant

JXiQ400NS JXiQ Pool Heater 400 Natural Gas CuNi ASME Compliant

JXiQ400PS JXiQ Pool Heater 400 Propane Gas CuNi ASME Compliant

## Energy Guide Labels

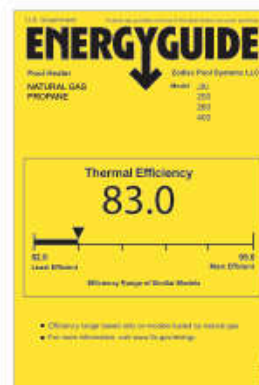
### JXiQ™ 84%

JXi400NC, JXi400PC, JXi260NC, JXi260PC, JXi260PS, JXi400NS, JXi400PS



### JXiQ 83%

JXi260NS



## Heater Model Numbers

### JXi™

| Model | Size | Fuel Type              | Heat Exchanger and Headers                                                        |
|-------|------|------------------------|-----------------------------------------------------------------------------------|
| JXiQ  | 200  | <b>N</b> = Natural Gas | <b>Blank</b> = Copper Heat Exchanger; Polymer Header                              |
|       | 260  | <b>P</b> = Propane Gas | <b>N</b> = Cupronickel Heat Exchanger; Polymer Header                             |
|       | 400  |                        | <b>K</b> = Copper Heat Exchanger; Polymer Header with VersaFlo™ Factory Installed |
|       |      |                        | <b>C</b> = Copper Heat Exchanger, Bronze Header (ASME® Compliant)*                |
|       |      |                        | <b>S</b> = Cupronickel Heat Exchanger; Bronze Header (ASME Compliant)             |

### Altitude Ratings

JXiQ heaters are CSA certified for elevations of up to 4,500 ft. (1,372 m.) above sea level. BTU output is reduced about 4% per 1,000 ft. (305 m) over 4,500 ft. (1,372 m.). In general, efficiency at high elevations is equal to or better than at sea level.

\*ASME = Conforms to American Society of Mechanical Engineers certification.



JXiQ/JXi Vent Adapter



JXiQ/JXi Air Intake Kit



JXiQ/JXi Control Panel Lock Box

## JXiQ™/JXi™ Accessories

### Part No. Description

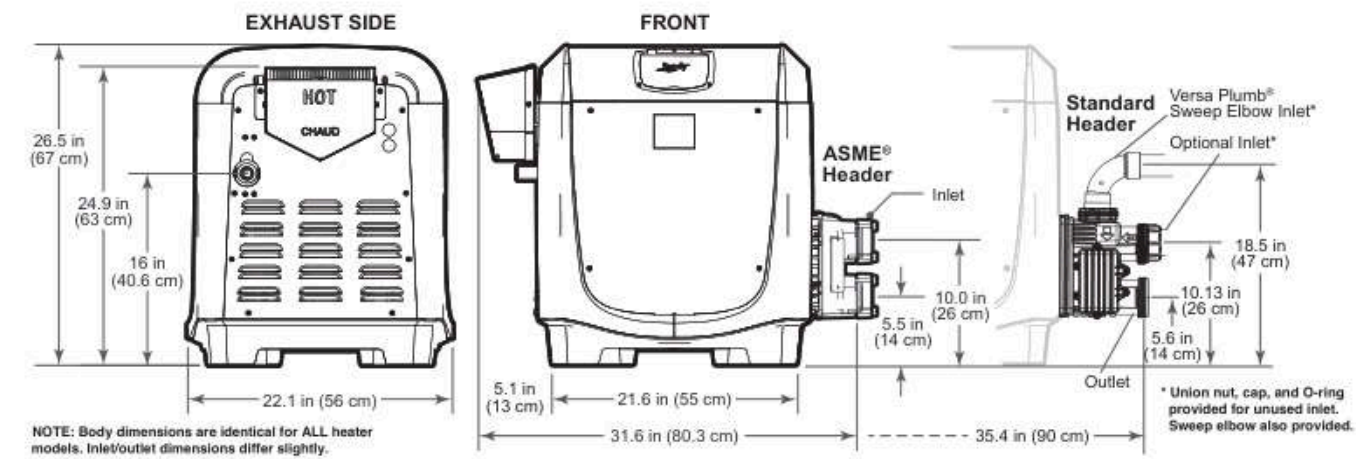
R0731100 JXiQ/JXi 4" Vent Adapter

R0724600 JXiQ/JXi Air Intake Kit w/ 3" Adapter

JXIGUARD JXiQ/JXi Control Panel Lock Box

GAS HEATERS

Specifications and Dimensions for JXi™ Series Heaters



| Model | Vent Diameter<br>(Category I) |    | Vent Diameter<br>(Category III) |    | Firing Rate |         |
|-------|-------------------------------|----|---------------------------------|----|-------------|---------|
|       | in.                           | cm | in.                             | cm | BTU/HR      | kcal/HR |
| 200   | 6                             | 15 | 4                               | 10 | 200,000     | 50      |
| 260   | 7                             | 18 | 4                               | 10 | 260,000     | 66      |
| 400   | 8                             | 20 | 4                               | 10 | 399,000     | 101     |

Natural Gas Pipe Size Requirements

| Maximum Equivalent Pipe Length (Sch 40 Metallic Pipe)                                    |       |       |        |        |        |        |        |
|------------------------------------------------------------------------------------------|-------|-------|--------|--------|--------|--------|--------|
| Natural Gas 1000BTU/FT <sup>3</sup> — 0.60 Specific Gravity @ 0.5 in. W.C. Pressure Drop |       |       |        |        |        |        |        |
| Propane Gas 2500BTU/FT <sup>3</sup> — 1.53 Specific Gravity @ 0.5 in. W.C. Pressure Drop |       |       |        |        |        |        |        |
| 3/4"                                                                                     |       | 1"    |        | 1-1/4" |        | 1-1/2" |        |
| NAT                                                                                      | LP    | NAT   | LP     | NAT    | LP     | NAT    | LP     |
| 25 ft                                                                                    | 60 ft | 90 ft | 215 ft | 360 ft |        |        |        |
| 15 ft                                                                                    | 35 ft | 50 ft | 125 ft | 210 ft | 480 ft | 445 ft |        |
| *                                                                                        | 15 ft | 20 ft | 55 ft  | 95 ft  | 225 ft | 215 ft | 480 ft |

\*A 3/4" gas line can be used for up to 5 feet maximum length from the gas valve in addition to the sediment trap.

- NOTE:
- Check supply pressure and local code requirements before proceeding with installation.
  - Consider pipe fittings when determining gas pipe sizing. For every elbow used add three (3) feet to straight pipe length.
  - Table shows the minimum supply gas pipe size required. Larger pipe size can be used if required by local code or if desired.
  - It is critical that the incoming gas supply pressure at the heater is within the maximum and minimum pressure requirements. If the range of acceptable supply pressure is not provided, the gas supply system to the heater must be modified to meet pressure requirements.

Optional Testing Equipment

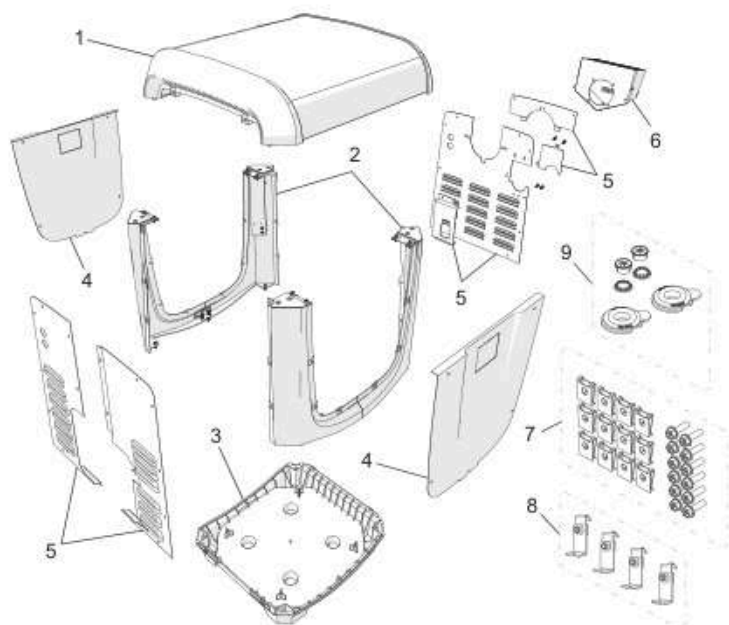
| Part No. | Description                                                                                                    |
|----------|----------------------------------------------------------------------------------------------------------------|
| R0010400 | Gas Pressure Test Kit (manometer)                                                                              |
| R0336000 | Temp Rise Measurement, Replacement Kit (Can be used on all heaters — JXi™, LXi, Legacy™, LX™/LT™, Lte2™, etc.) |

Pressure Relief Valves

| Part No. | Description                                                                                                           | Model              |
|----------|-----------------------------------------------------------------------------------------------------------------------|--------------------|
| R0040400 | Pressure Relief Valve Kit, 75 psi, Cast Iron/Bronze Headers                                                           | All                |
| R0336100 | Pressure Relief Valve Kit, 75 psi, Polymer Headers, LX/LT, LXi, and Legacy (Also works with cast iron/bronze headers) | All                |
| R0336101 | Pressure Relief Valve Kit JXi                                                                                         | All                |
| R0336102 | Pressure Relief Valve Kit, JXi ASME® Compliant, 75 psi                                                                | JXi ASME Compliant |

## JXi™ ASME® Compliant Heater

Part No. JXi260NC, JXi260PC, JXi400NC, JXi400PC, JXi260NS, JXi260PS, JXi400NS, JXi400PS

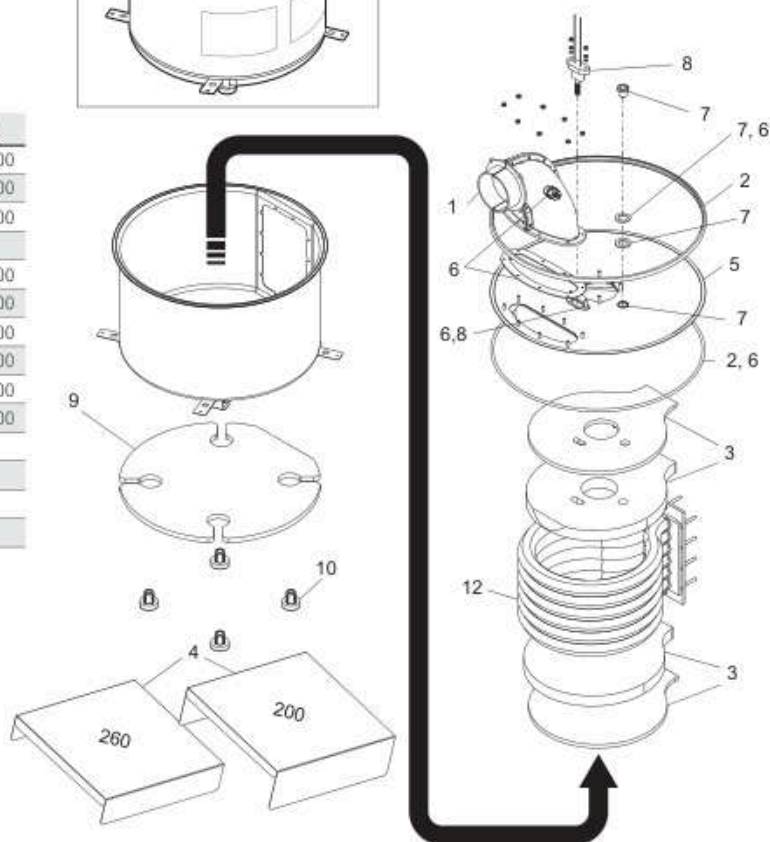
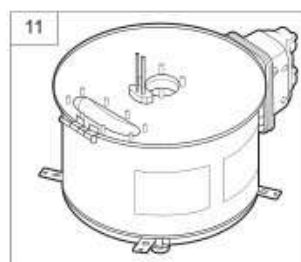


| Key | Part No. | Description                               | Model    |
|-----|----------|-------------------------------------------|----------|
| 1   | R0592400 | Heater Jacket Top Kit (no User Interface) | 260, 400 |
| 2   | R0592500 | Corner Post Kit, Left/Right (set of 2)    | 260, 400 |
| 3   | R0592600 | Heater Base Kit                           | 260, 400 |
| 4   | R0592700 | Front or Back Panel Kit                   | 260, 400 |
| 5   | R0821000 | Side Panel Kit*                           | 260, 400 |
| 6   | R0593100 | Vent Terminal Housing Kit                 | 260, 400 |
| 7   | R0593300 | Jacket Hardware Kit                       | 260, 400 |
| 8   | R0593400 | Anchor Brackets Kit (set of 4)            | 260, 400 |
| 9   | R0591800 | Jacket Hole Plug Kit                      | 260, 400 |

\*Includes: Exhaust side panel, top panel closure, anti rotation bracket and access door. Header side panel LH, Header side panel RH.

| Key | Part No. | Description                                          | Model    |
|-----|----------|------------------------------------------------------|----------|
| 1   | R0590200 | Exhaust Elbow Assembly Kit                           | 260, 400 |
| 2   | R0590400 | Band Clamp Kit                                       | 260, 400 |
| 3   | R0590500 | Refractory Kit, Internal                             | 260, 400 |
| 4   | R0590700 | Combustion Chamber Shelf (set of 2: Models 200, 260) | 260      |
| 5   | R0590800 | Combustion Chamber Lid Kit                           | 260, 400 |
| 6   | R0590900 | Gasket Kit                                           | 260, 400 |
| 7   | R0305400 | Sight Glass Kit                                      | 260, 400 |
| 8   | R0457502 | Igniter Kit                                          | 260, 400 |
| 9   | R0591000 | Insulation Kit, External                             | 260, 400 |
| 10  | R0593200 | Isolator Kit (Thermal)                               | 260, 400 |
| 11* | R0961000 | Combustion Chamber, CuNi Tube JXi 260 w/o Burner     | 260      |
|     | R0961001 | Combustion Chamber, CuNi Tube JXi 400 w/o Burner     | 400      |
| 12  | R0961100 | Heat Exchanger CuNi Tube ASME, 260K BTU              | 260      |
|     | R0961101 | Heat Exchanger CuNi Tube ASME, 400K BTU              | 400      |

\*Complete Heat Exchanger and Header Assembly labeled for use on Natural Gas Heaters, kit includes labeling for use on LP Heaters.

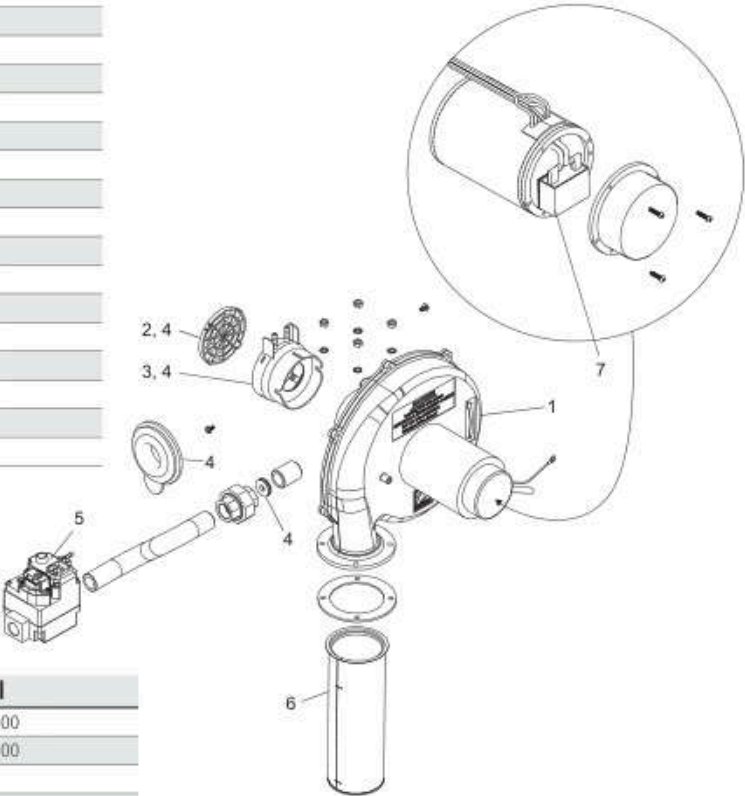


GAS HEATERS

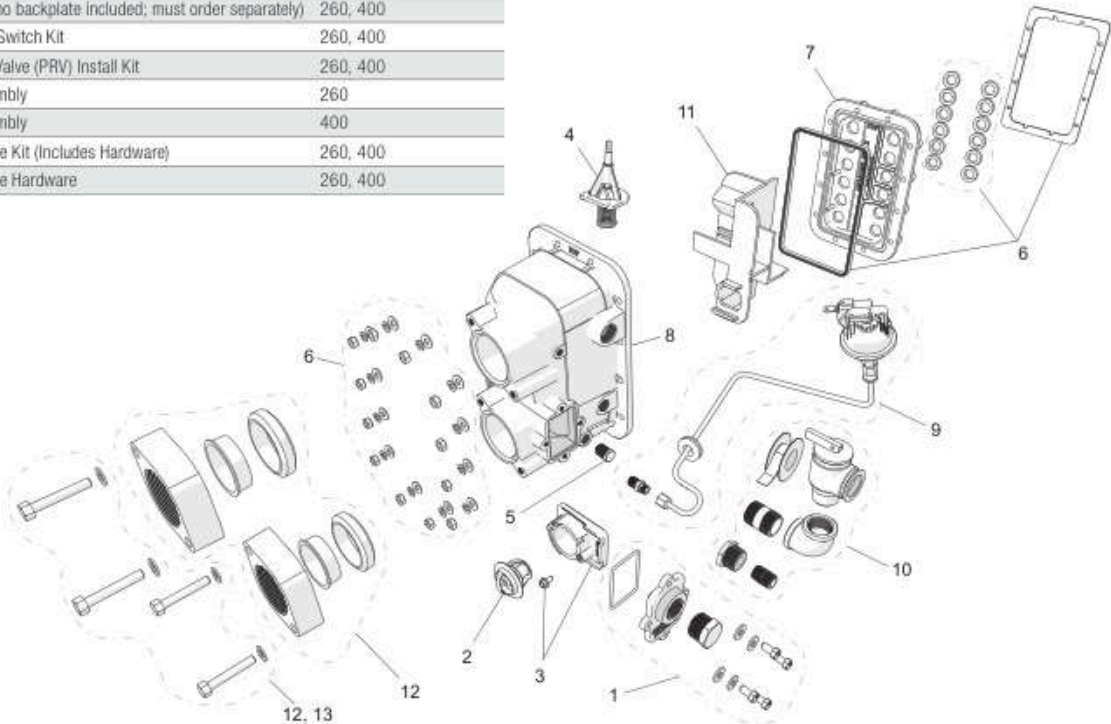
JXi™ ASME® Compliant Heater

Part No. JXI260NC, JXI260PC, JXI400NC, JXI400PC, JXI260NS, JXI260PS, JXI400NS, JXI400PS

| Key | Part No. | Description                                      | Model         |
|-----|----------|--------------------------------------------------|---------------|
| 1   | R0591100 | Blower Assembly                                  | 200, 260, 400 |
| 2   | R0591200 | Air Intake Grate                                 | 200, 260, 400 |
| 3   | R0591302 | Orifice, Blower Air Intake Kit, 200N             | 200           |
|     | R0591303 | Orifice, Blower Air Intake Kit, 260N             | 260           |
|     | R0591305 | Orifice, Blower Air Intake Kit, 400N             | 400           |
|     | R0591312 | Orifice, Blower Air Intake Kit, 200P             | 200           |
|     | R0591313 | Orifice, Blower Air Intake Kit, 260P             | 260           |
|     | R0591315 | Orifice, Blower Air Intake Kit, 400P             | 400           |
| 4   | R0591601 | Gas Orifice Kit, 200, NAT (LP to NAT Conversion) | 200           |
|     | R0591602 | Gas Orifice Kit, 260, NAT (LP to NAT Conversion) | 260           |
|     | R0591604 | Gas Orifice Kit, 400, NAT (LP to NAT Conversion) | 400           |
|     | R0591605 | Gas Orifice Kit, 200, LP (NAT to LP Conversion)  | 200           |
|     | R0591606 | Gas Orifice Kit, 260, LP (NAT to LP Conversion)  | 260           |
|     | R0591608 | Gas Orifice Kit, 400, LP (NAT to LP Conversion)  | 400           |
| 5   | R0591400 | Gas Valve                                        | 200, 260, 400 |
| 6   | R0591702 | Burner Gas Supply System Kit, 200                | 200           |
|     | R0591703 | Burner Gas Supply System Kit, 260                | 260           |
|     | R0591705 | Burner Gas Supply System Kit, 400                | 400           |
| 7   | R0614500 | Capacitor Blower, JXi Kit                        | 200, 260, 400 |



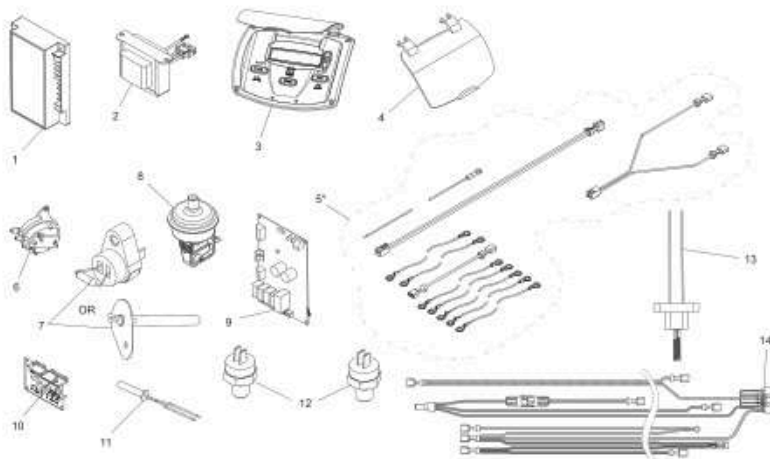
| Key | Part No.  | Description                                                   | Model    |
|-----|-----------|---------------------------------------------------------------|----------|
| 1   | R0820400  | Thermal Regulator Valve Access Plate Kit                      | 260, 400 |
| 2   | R0589700  | Thermal Regulator Valve Kit (TRV)                             | 260, 400 |
| 3   | R0820501  | Thermal Regulator Valve Retainer Kit (400k)                   | 400      |
|     | R0820500  | Thermal Regulator Valve Retainer Kit (260k)                   | 260      |
| 4   | R0589800  | Internal Bypass Kit                                           | 260, 400 |
| 5   | P0026800+ | Drain Plug Kit                                                | 260, 400 |
| 6   | R0820700  | Gasket and Seals Kit                                          | 260, 400 |
| 7   | R0828405  | Header Backplate Kit (400k)                                   | 400      |
|     | R0828403  | Header Backplate Kit (260k)                                   | 260      |
| 8   | R0820800  | Header, 2 Port (no backplate included; must order separately) | 260, 400 |
| 9   | R0828501  | Water Pressure Switch Kit                                     | 260, 400 |
| 10  | R0336101  | Pressure Relief Valve (PRV) Install Kit                       | 260, 400 |
| 11  | R0828602  | Flow Plate Assembly                                           | 260      |
|     | R0828603  | Flow Plate Assembly                                           | 400      |
| 12  | R0461500  | Connector Flange Kit (Includes Hardware)                      | 260, 400 |
| 13  | R0477800  | Connector Flange Hardware                                     | 260, 400 |



**JXi™ ASME® Compliant Heater**

Part No. JXi260NC, JXi260PC, JXi400NC, JXi400PC, JXi260NS, JXi260PS, JXi400NS, JXi400PS

| Key | Part No. | Description                    | Model         |
|-----|----------|--------------------------------|---------------|
| 1   | R0456900 | Ignition Control               | 200, 260, 400 |
| 2   | R0456301 | Transformer                    | 200, 260, 400 |
| 3   | R0591900 | User Interface Kit             | 200, 260, 400 |
| 4   | R0592000 | User Interface Lid Kit         | 200, 260, 400 |
| 5   | R0592100 | Wiring Harness Kit             | 200, 260, 400 |
| 6   | R0456400 | Air Pressure Switch            | 200, 260, 400 |
| 7   | R0524300 | Vent Limit Switch              | 200, 260, 400 |
|     | R0719400 | Electronic Flue Sensor         | 200, 260, 400 |
| 8   | R0013200 | Water Pressure Switch Only Kit | 200, 260, 400 |
| 9   | R0719500 | Power Interface Board (PIB)    | 200, 260, 400 |
| 10  | R0458100 | Power Distribution Board (PDB) | 200, 260, 400 |
| 11  | R0456500 | Temperature Sensor Kit         | 200, 260, 400 |
| 12  | R0592300 | High-Limit Temp Sensors        | 200, 260, 400 |
| 13  | R0457502 | Igniter Kit, JXi               | 200, 260, 400 |
| 14  | R0457701 | JXi Power Interface Harness    | 200, 260, 400 |

**JXiQ™ ASME® Compliant Heater (Mfg. 2024–Present)**

| Key | Part No. | Description                                                        | Model         |
|-----|----------|--------------------------------------------------------------------|---------------|
| N/S | R0988303 | JXiQ Complete Combustion Chamber, w/o Burner, ASME, Copper HX, 260 | 260           |
| N/S | R0988305 | JXiQ Complete Combustion Chamber, w/o Burner, ASME, Copper HX, 400 | 400           |
| N/S | R0988403 | JXiQ Complete Combustion Chamber, w/o Burner, ASME, CuNi HX, 260   | 260           |
| N/S | R0988405 | JXiQ Complete Combustion Chamber, w/o Burner, ASME, CuNi HX, 400   | 400           |
| N/S | R0989100 | JXiQ Gas Pressure Switch                                           | 200, 260, 400 |
| N/S | R0988500 | JXiQ Gas Pressure Switch Assembly                                  | 200, 260, 400 |
| N/S | R0988700 | JXiQ Ignition Controller Assembly                                  | 200, 260, 400 |
| N/S | R0988600 | JXiQ Outlet Sensor / Drain                                         | 200, 260, 400 |
| N/S | R0988800 | JXiQ UI, Complete                                                  | 200, 260, 400 |
| N/S | R0989200 | JXiQ UI Lid Kit                                                    | 200, 260, 400 |
| N/S | R0988900 | JXiQ Wiring Harnesses                                              | 200, 260, 400 |
| N/S | R0989000 | JXiQ UI Wiring Harness                                             | 200, 260, 400 |
| N/S | R1009500 | JXiQ Fuse Kit                                                      | 200, 260, 400 |
| N/S | R0985500 | JXiQ PI Harness Kit                                                | 200, 260, 400 |
| N/S | R0719402 | JXiQ Flue Sensor Kit                                               | 200, 260, 400 |
| N/S | R0456502 | JXiQ Inlet Temp Sensor                                             | 200, 260, 400 |