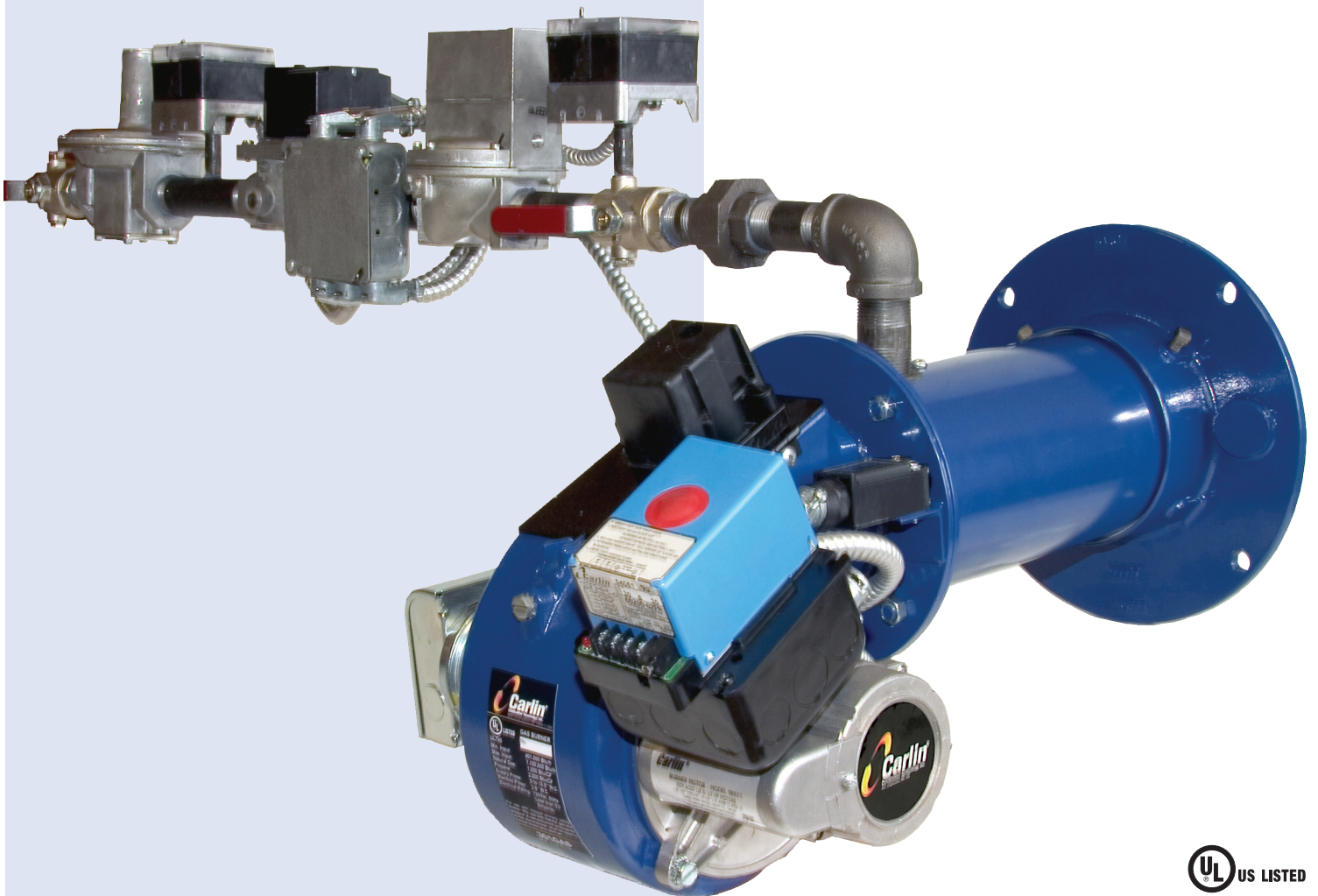
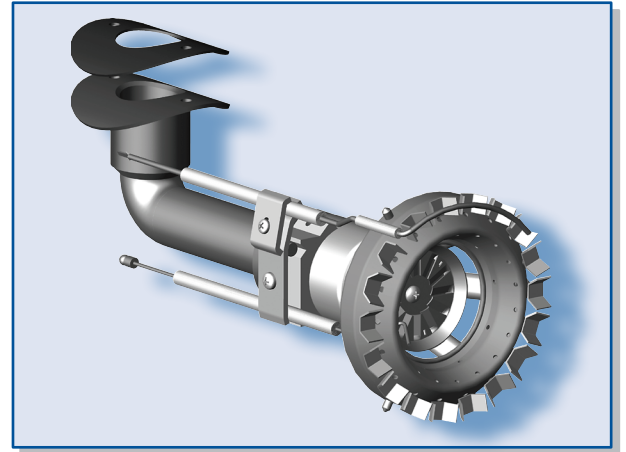




MODEL **301 GAS**
Power Gas Burner

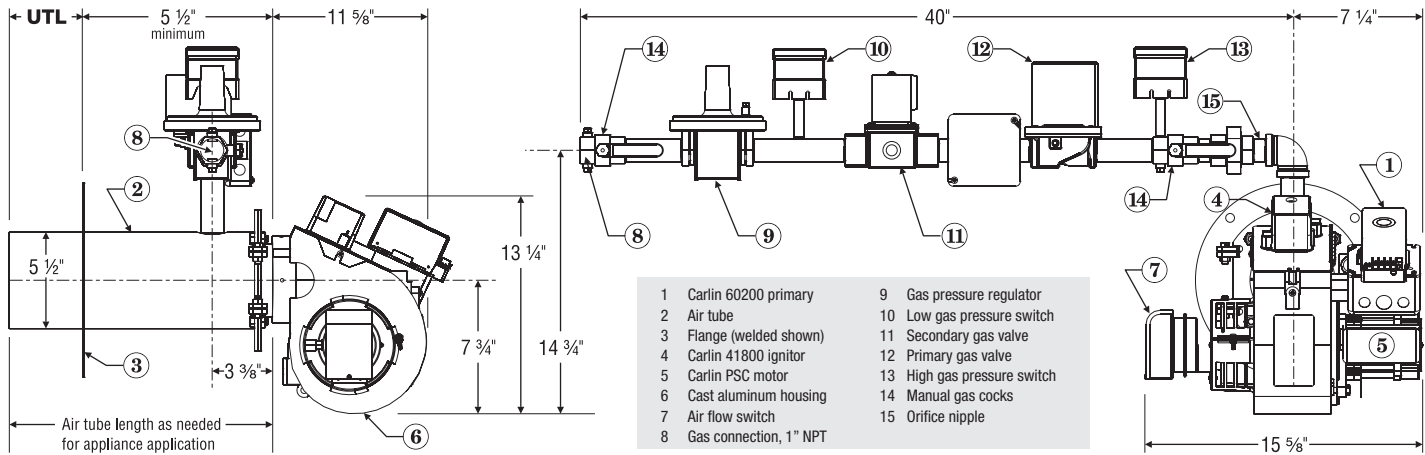
401,000 TO 1,100,000 BTUH

The IDEAL
burner
for even the
toughest
applications



CARLIN. THE TECHNOLOGY LEADER.

Carlin 301GAS Power Gas Burner



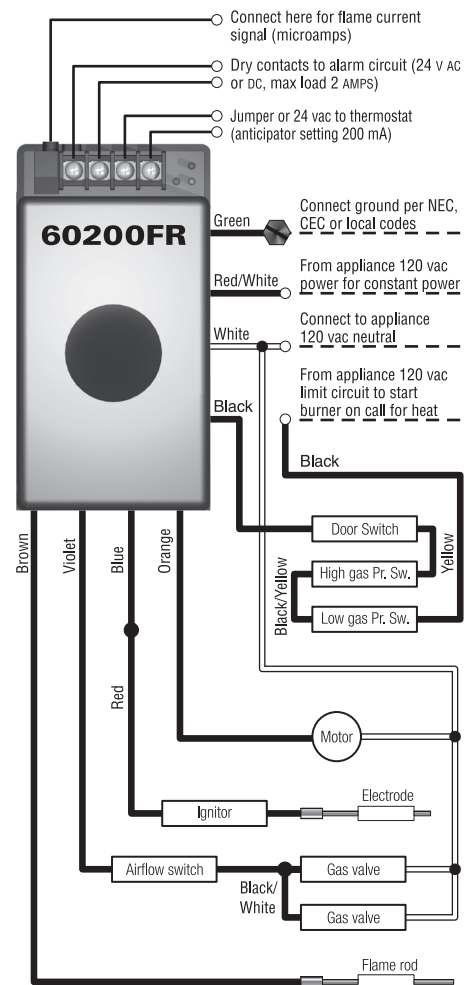
Features

- Converts from propane to natural gas with just an orifice change — no conversion kit needed
- Fires negative or positive chambers from 401,000 to 1,100,000 Btuh input
- Dependable, direct-spark ignition of main flame — for quick, clean light-offs
- Time-tested solid state ignition and state-of-the-art microprocessor primary control technology
- Diagnostic LED lights annunciate operating mode: Self-check, Flame-on, Recycle, Lockout and Latch-up
- Factory-packaged with combustion control and gas train (assembled, shipped loose; also available as knockdown)
- Shipped completely pre-wired — for easy installation and start-up (knockdown version also available)
- High-efficiency, compact flame pattern design ensures clean, quiet operation
- Does not require a refractory liner — fires with or without a combustion chamber
- Swing-away flanged door design
- Available with custom welded air tube flange (and/or optional pedestal) to accommodate most appliance mounting requirements
- Includes 1-year warranty

Specifications

- **Input**
 - "B" head/tube 401,000 to 700,000 Btuh
 - "C" head/tube 550,000 to 1,100,000 Btuh
- **Fuels**
 - Natural gas or propane gas
 - Maximum supply pressure 14 inches w.c.
 - Minimum supply pressure 5.0 inches w.c.
 - Manifold pressure 3.5 inches w.c.
- **Electrical**
 - Power 120 VAC/60 HZ/1-PHASE
 - Limit circuit input 120 VAC/60 HZ
 - Motor 1/6, 3450 RPM
 - Current Approx. 2.5 AMPS
 - Fuel valve power 120 VAC/60 HZ
- **Ignition**
 - Carlin Model 41800 solid state electronic ignitor
 - Ignition voltage 9,000 VOLTS
- **Control**
 - Carlin Model 60200FR microprocessor control
 - 4-sec. Trial for ignition (TFI)
 - 1.3-sec. FFRT
 - Pre-purge and post-purge
 - Serviceman reset protection (Latch-up after three consecutive lockouts)
 - Interrupted duty ignition
 - Recycle on flame failure
- **Agencies**
 - UL Listed (United States)

Wiring



TECH SUPPORT HOTLINE 800-989-2275



Carlin Combustion Technology, Inc.

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 e-mail us at: info@carlincombustion.com visit our website: www.carlincombustion.com