

# L8X1 - Single Stage, Ultra-Low NOx Gas Furnace



L8X1A055  
L8X1B070  
L8X1C100

**Table FUR-19-A — L8X1 - Single Stage, Ultra-Low NOx Gas Furnace**

| Model Number    | Airflow in Tons | Output (BTUH) | ICS AFUE | Flue Size (in.) | Ignition Device | Uncrated Dimensions (in.)      |                                |    | Shipping Weight (lbs.) | Max. Fuse | Filter Sizes |
|-----------------|-----------------|---------------|----------|-----------------|-----------------|--------------------------------|--------------------------------|----|------------------------|-----------|--------------|
|                 |                 |               |          |                 |                 | H                              | W                              | D  |                        |           |              |
| L8X1A055U3XSAAA | 3 <sup>①</sup>  | 44,000        | 80.0     | 4               | Silicon Nitride | 34 <sup>1</sup> / <sub>2</sub> | 14 <sup>1</sup> / <sub>5</sub> | 28 | 107                    | 15        | 14 x 25 x 1  |
| L8X1B070U4XSAAA | 4               | 56,000        | 80.0     | 4               | Silicon Nitride | 34 <sup>1</sup> / <sub>2</sub> | 17 <sup>1</sup> / <sub>2</sub> | 28 | 135                    | 15        | 16 x 25 x 1  |
| L8X1C100U5XSAAA | 5               | 80,000        | 80.0     | 4               | Silicon Nitride | 34 <sup>1</sup> / <sub>2</sub> | 21                             | 28 | 144                    | 20        | 20 x 25 x 1  |



L8X1B060  
L8X1B080

**Table FUR-19-B — L8X1 - Single Stage, Ultra-Low NOx Gas Furnace**

| Model Number    | Airflow in Tons | Nominal Output (BTUH) | ICS AFUE | Flue Size (in.) | Ignition Device | Uncrated Dimensions (in.) |                                |                                | Shipping Weight (lbs.) | Max. Fuse | Filter Sizes |
|-----------------|-----------------|-----------------------|----------|-----------------|-----------------|---------------------------|--------------------------------|--------------------------------|------------------------|-----------|--------------|
|                 |                 |                       |          |                 |                 | H                         | W                              | D                              |                        |           |              |
| L8X1B060U3XSAAA | 3               | 48,000                | 80.0     | 4               | Silicon Nitride | 34                        | 17 <sup>1</sup> / <sub>2</sub> | 28 <sup>3</sup> / <sub>4</sub> | 118                    | 15        | 16 x 25 x 1  |
| L8X1B080U4XSAAA | 4               | 64,000                | 80.0     | 4               | Silicon Nitride | 34                        | 17 <sup>1</sup> / <sub>2</sub> | 28 <sup>3</sup> / <sub>4</sub> | 125                    | 15        | 16 x 25 x 1  |

**Table FUR-19-C — Features**

|   | A55, B70, C100 | B60, B80 |
|---|----------------|----------|
| • Cabinet height (in.)  | 34.5           | 34.0     |
| • 3-Way poise (Upflow, Horizontal Left, Horizontal Right)   | ✓              | —        |
| • Cabinet has no knockouts  | —              | ✓        |
| • Single stage  | ✓              | ✓        |
| • 5 speed, Constant Torque ECM blower motor   | ✓              | ✓        |
| • Stainless Steel, Tubular heat exchanger   | —              | ✓        |
| • Aluminized Steel, Tubular heat exchanger  | ✓              | —        |
| • Insulated blower compartment  | ✓              | ✓        |
| • Painted cabinet with two tone color   | —              | ✓        |
| • Vortica™ II Blower Housing  | —              | ✓        |
| • Meets requirements for 1% or less cabinet air leakage <sup>②</sup>                                | —              | ✓        |
| • Silicon Nitride hot surface igniter   | ✓              | ✓        |
| • <b>20-year limited warranty on the heat exchanger &amp; 10-year on all other functional parts</b> | ✓              | ✓        |

① Special consideration should be taken in duct design, evaporator coil selection/pressure drop, and air filter selection to achieve 350 CFM/ton at 0.5" external static pressure.

② A55, B70, and C100 models certified to 2% cabinet air leakage

**Table FUR-19-D — Optional Accessories**

| Model Number | Description                 | A55, B70, C100 | B60, B80 |
|--------------|-----------------------------|----------------|----------|
| BAYSPACER    | 6 inch vertical coil spacer | ✓              | —        |

Furnaces