

# Quality Is Something We Take Personally



We design and assemble Fraser-Johnston® ReliaPlus™ 100 and ReliaPlus™ 100 MAGNUM™ Series single-packaged rooftops here in the United States, where we can closely monitor and improve processes that directly affect quality. It's this commitment to excellence that allows us to offer outstanding warranties, meet the highest industry standards and deliver energy-saving comfort that lasts.

## ReliaPlus™ 100 Gas/Electric Rooftop Packaged Units (ZS)

MODEL	COOLING MBH	EER	IPLV IEER <sup>1</sup>	HEATING MBH OUTPUT	%SSE	LBS.
ZS-15N30	165	11.0	12.1	240	80.0	1870
ZS-15N40	165	11.0	12.1	320	80.0	1870
ZS-18N30	204	11.0	11.9	240	80.0	2006
ZS-18N40	204	11.0	11.9	320	80.0	2006
ZS-20N30	240	10.0	11.0	240	80.0	2533
ZS-20N40	240	10.0	11.0	320	80.0	2533
ZS-25N30	270	10.0	10.5	240	80.0	2597
ZS-25N40	270	10.0	10.5	320	80.0	2597

<sup>1</sup>IEER values of up to 13.2 available with the IntelliSpeed™ option

## ReliaPlus™ 100 Rooftop Packaged Units (ZS)

MODEL	COOLING MBH	EER	IEER <sup>1</sup>	ELECTRIC HEAT (KW)	LBS.
ZS-15C00	165	11.0	12.1	18	1870
ZS-18C00	204	11.0	11.9	18	2006
ZS-20C00	240	10.0	11.0	18	2533
ZS-25C00	270	10.0	10.5	18	2597

<sup>1</sup>IEER values of up to 13.2 available with the IntelliSpeed™ option

## ReliaPlus™ 100 MAGNUM™ Gas/Electric Rooftop Packaged Units (ZW)

MODEL	COOLING MBH	EER	IEER	HEATING MBH OUTPUT	%SSE	LBS.
ZW-15N30	172	12.2	12.3	240	80.0	2609
ZW-15N40	172	12.2	12.3	320	80.0	2609
ZW-18N30	202	12.1	13.0	240	80.0	2665
ZW-18N40	202	12.1	13.0	320	80.0	2665
ZW-20N30	240	11.0	12.0	240	80.0	2697
ZW-20N40	240	11.0	12.0	320	80.0	2697
ZW-25N30	280	10.6	10.6	240	80.0	2783
ZW-25N40	280	10.6	10.6	320	80.0	2783

## ReliaPlus™ 100 MAGNUM™ Rooftop Packaged Units (ZW)

MODEL	COOLING MBH	EER	IEER	LBS.
ZW-15C00	172	12.2	13.4	2609
ZW-18C00	202	12.1	13.0	2665
ZW-20C00	240	11.0	12.0	2697
ZW-25C00	280	10.6	11.0	2783

**Limited warranties:**  
ZS and ZW gas/  
electric models



ZS and ZW electric/  
electric models



WE ENCOURAGE  
NATE  
CERTIFICATION

**FRASER-JOHNSTON®**  
Heating ■ Air Conditioning



## ReliaPlus™ 100 And ReliaPlus™ 100 MAGNUM™ Series Single-Packaged Rooftops

RELIAPLUS™ 100 AND RELIAPLUS™ 100 MAGNUM™ SERIES 15-25 TONS

# The Trusted Solution In Packaged Units

Fraser-Johnston® ReliaPlus™ 100 and ReliaPlus™ 100 MAGNUM™ light commercial packaged systems epitomize efficiency by combining advanced features with proven reliability.

Dependability, quality and smart technology are hallmarks of the trusted craftsmanship Fraser-Johnston® units bring to challenging commercial projects.



## ReliaPlus™ 100 And ReliaPlus™ 100 MAGNUM™ Series Single-Packaged Rooftops 15–25 Tons

The Fraser-Johnston® ReliaPlus™ 100 Series combines high-efficiency and advanced economizer controls with unprecedented installation flexibility and low installed costs, providing a great solution for commercial-building applications.

- Simplicity® Smart Equipment™ ensures easier installation, startup and troubleshooting versus electromechanical controls.
- High- and low-pressure switches — one each per circuit
- Power ventor motor with pre- and post-purge cycle
- Low voltage circuit breakers
- Four independent cooling stages (Select ReliaPlus™ 100 MAGNUM™ models only)
- Double “V” coil bank with copper tubes and enhanced aluminum fins (ReliaPlus™ 100 MAGNUM™ only)
- Optional factory-mounted disconnect switch and your choice of powered or non-powered convenience outlet
- Four condenser fans (ReliaPlus™ 100 MAGNUM™ only)
- Internal fusing
- Class 1 and class 2 transformers
- Two-stage gas train
- Belt drive blower motor
- Capillary tubes sheathed in vinyl to prevent chafing

## The Trusted Solution In Packaged Units



### Improved heat transfer.

The ReliaPlus™ 100 and ReliaPlus™ 100 MAGNUM™ units feature grooved copper tubes and enhanced aluminum-fin construction indoor and outdoor coils for better heat transfer and improved efficiency.



### Reliable operation.

The compressor is internally protected against high pressure and temperature to ensure dependable performance in tough conditions.



### Greater durability.

ReliaPlus™ 100 and ReliaPlus™ 100 MAGNUM™ gas heat exchangers offer corrosion-resistant, aluminized steel tubular construction for long-term durability.



### Limited maintenance.

For years of trouble-free service, the condenser and evaporator fan motor bearings are permanently lubricated to ensure reliable performance.



### Solid foundation.

Installation goes smooth and easy thanks to full-perimeter base rails that are permanently attached to the unit to save time and materials.



### Outstanding warranty.

With more than a century of innovation behind our name, you can depend on Fraser-Johnston® quality for year-round comfort and long-lasting durability. Built for years of trouble-free service and reliable operation, ReliaPlus™ 100 systems are backed by warranties you can count on.

## Put performance in the palm of your hand

With Simplicity® Smart Equipment™, all alarm and diagnostic data can be transmitted directly to an on-site PC or over a local Wi-Fi® connection — you can even monitor the system over the Internet using a Web browser.



- Thermostat ready – No configuration required
- Wi-Fi® and Ethernet communications via optional Mobile Access Portal (MAP) Gateway
- Optional Fault Detection and Diagnostics (FDD) for entire refrigeration circuit and economizer (Title 24 Compliant)
- Onboard LCD
- Plug and Play Feature additions in the field
- Auto-Configuration
- Factory-configured and Tested – No field programming required
- Self-Test Diagnostic Startup Report
- Data Logging to removable memory (USB)
- Multi-Protocol Capability
- SMART Device Tools (Mobile Access Portal Gateway)
- Fault "messages" instead of fault "codes"
- Single-Zone VAV, VFD, IntelliSpeed™ functionality
- BTL Certified