



Real People. Real Savings. Real Fast.®

# SUBMITTAL COVER SHEET

PROJECT NAME \_\_\_\_\_

LOCATION \_\_\_\_\_

ARCHITECT \_\_\_\_\_

ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

SUBMITTED BY \_\_\_\_\_ DATE \_\_\_\_\_

## UNIT SUMMARY

Quantity						
Unit Designation						
Model No.						
Total Cooling						
Sensible Cooling						
Air Ent. Evaporator						
Air Lvg. Evaporator						
Heating Input						
Heating Output						
CFM/ESP						
EER/SEER						
Electrical						
Minimum Ampacity						
Min.-Max. Breaker						
Net Unit Weight						
Accessory						
Catalog Form Number						

**ACCESSORIES:**

**NOTES:**

# SUBMITTAL SHEET FOR PACKAGE GAS ELECTRIC RGEC SERIES Nominal Sizes 3-6 Tons [10.6-21.1 kW]

JOB NAME \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 ENGINEER \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 ORDER NO. \_\_\_\_\_  
 SUBMITTED FOR  APPROVAL  RECORD  
 SUBMITTED BY \_\_\_\_\_  
 DATE \_\_\_\_\_  
 UNIT DESIGNATION \_\_\_\_\_  
 MODEL NO. \_\_\_\_\_

## FEATURES FOR RGEC SERIES PACKAGE GAS ELECTRIC UNITS

- Factory charged with R-410A HFC refrigerant
- Wired and run tested
- Scroll compressors with internal line break overload and high pressure protection
- Convertible airflow – vertical down flow or horizontal side flow
- Forkable base rails for easy handling and lifting
- Cooling operation up to 125°F ambient
- Two-stage gas heat input with direct spark ignition system, solid state furnace controls, and optimized induced draft combustion
- MicroChannel evaporator and condenser coil
- PlusOne® ServiceSmart package includes:  
 Qwik-Change Flex-Fit Rack™  
 Qwik-Slide Blower Assembly™  
 Qwik-Clean Drain Pan™
- Over-flow condensate sensor
- PlusOne® Diagnostics with Dual 7-Segment LED Display to meet code compliance
- One-piece top cover and base pan with drawn supply and return opening
- Two-piece control door
- ¼ turn fasteners on filter access door
- Color-coded and labeled wiring
- External lockable gauge ports
- TXV refrigerant metering system
- Solid-core liquid line filter drier
- High pressure and low pressure/loss of charge protection with built-in Smart Logic
- Insulation encapsulated throughout entire unit
- New product footprint with matching connections
- Improved factory lead times
- 6 Ton includes a single 2-Stage compressor
- 3-5 Ton includes one single-stage compressor

## UNIT DATA

### COOLING PERFORMANCE

TOTAL CAPACITY\* ..... MBH  
 SENSIBLE CAPACITY\* ..... MBH  
 OUTDOOR DESIGN TEMP. ... °F [°C] DB/WB  
 TOTAL SUPPLY AIR ..... CFM [L/s]  
 TEMP. OF AIR ENTERING  
 EVAPORATOR COIL ..... °F [°C] DB/WB  
 POWER INPUT REQUIREMENT ..... kW  
 SEER/EER RATING .....  
 (\*uses blower motor heat)

### HEATING PERFORMANCE

GAS HEAT INPUT CAPACITY ..... MBH  
 GAS HEAT OUTPUT CAPACITY ..... MBH  
 STEADY STATE EFFICIENCY .....

### SUPPLY AIR BLOWER PERFORMANCE

TOTAL SUPPLY AIR ..... CFM [L/s]  
 TOTAL RESISTANCE EXTERNAL  
 TO UNIT ..... IWG  
 BLOWER SPEED ..... RPM  
 POWER OUTPUT REQUIREMENT .... BHP  
 MOTOR RATING ..... HP [W]  
 POWER INPUT REQUIREMENT ..... kW

### ELECTRICAL DATA

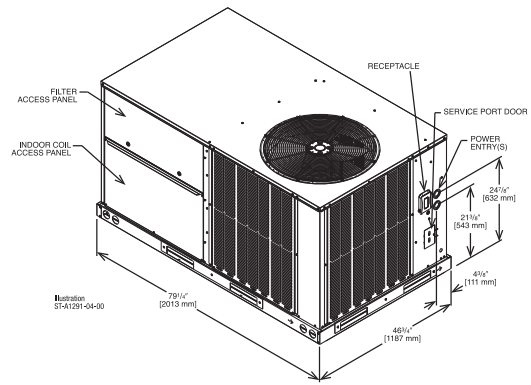
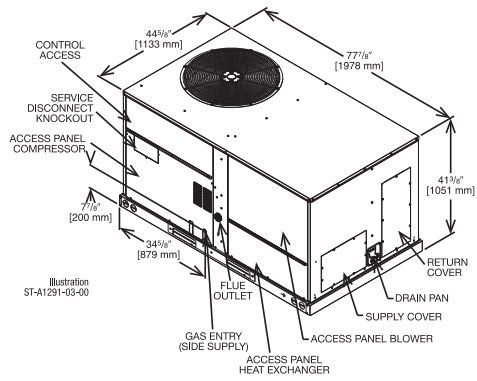
POWER SUPPLY ..... Hz  
 TOTAL UNIT AMPACITY ..... AMPS  
 MINIMUM WIRE SIZE ..... AWG  
 MAXIMUM OVERCURRENT DEVICE  
 FUSES HACR BREAKER ..... AMPS

### TOTAL UNIT WEIGHT

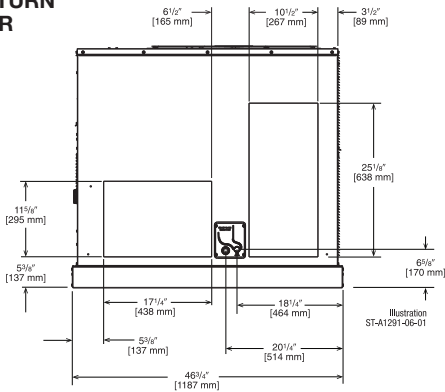
TOTAL OPERATING WEIGHT ..... LBS [kg]  
 (including field-installed accessories)

### CLEARANCES

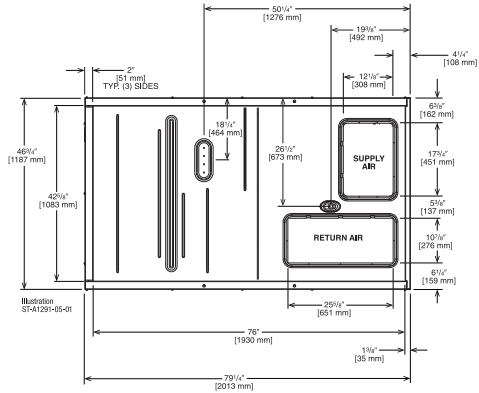
FRONT	48" [1219 mm]
CONDENSER COIL	18" [457 mm]
DUCT SIDE	12" [305 mm]
EVAPORATOR END	36" [914 mm]
ABOVE UNIT	60" [1524 mm]



**SUPPLY AND RETURN DIMENSIONS FOR HORIZONTAL APPLICATIONS**



**SUPPLY AND RETURN DIMENSIONS FOR DOWNFLOW APPLICATIONS**



[ ] Designates Metric Conversions

Accessory	Model Number
Economizer w/Single Enthalpy (Downflow/Vertical)	RXRD-01MCDAM3
Economizer w/Single Enthalpy (Horizontal)	RXRD-01MCHAM3
Economizer-w/Single Enthalpy (Downflow/Vertical) DDC	RXRD-01MCDMB3
Economizer w/Single Enthalpy (Horizontal) DDC	RXRD-01MCHBM3
Dual Enthalpy Kit	RXRX-BV01
Dual Enthalpy Kit DDC	RXRX-BV02
Power Exhaust (230V) Vertical	RXRX-CCF02C
Power Exhaust (460V) Vertical	RXRX-CCF02D
Power Exhaust (230V) Horizontal	RXRX-CCF03C
Power Exhaust (460V) Horizontal	RXRX-CCF03D
Manual Fresh Air Damper	RXRF-ACA1
Motorized Fresh Air Damper	RXRF-ACB1
Roofcurb, 14"	RXKG-DCC14
Roofcurb, 24"	RXKG-DCC24
Roofcurb Adapter	RXRX-DCCAE
Concentric Diffuser 3-4 Ton Flush	RXRN-AEF1800
Concentric Diffuser 5-6 Ton Flush	RXRN-AEF2000
Concentric Diffuser 3-4 Ton Drop	RXRN-AED1800
Concentric Diffuser 5-6 Ton Drop	RXRN-AED2000
Concentric Adapter 3-4 Ton Drop	RXMC-DC01

Accessory	Model Number
Concentric Adapter 5-6 Ton Drop	RXMC-DC02
Outdoor Coil Louver Kit	RXRX-ADD04C
Nonpowered Convenience Outlet	RXRX-BN01
Unfused Service Disconnect	RXRX-BP01
Comfort Alert (1 Phase) DDC	RXRX-AZ03
Comfort Alert (1 Phase) Non-DDC	RXRX-AZ04
Comfort Alert (3 Phase) DDC	RXRX-AZ01
Comfort Alert (3 Phase) Non-DDC	RXRX-AZ02
Carbon Dioxide Sensor (Wall Mount)	RXRX-AR02
BACnet Communication Card	RXRX-AY01
LonWorks Communication Card	RXRX-AY02
Room Humidity Sensor	RHC-ZNS4
Room Temperature and Relative Humidity Sensor	RHC-ZNS5
Low-Ambient Control Kit	RXRZ-A04
Freeze Stat Kit	RXRX-AM05
Return Smoke Detector (Field kit)	RXRX-BS01
Return/ Supply Smoke Detector (Field kit)	RXRX-BS02
LP Kit (-)GEC 75K, 120K)	RXGJ-FP40
LP Kit (-)GEC 100K)	RXGJ-FP41
Flue Diverter (-)GEC 75K, 100K & 120K)	RXRX-GE03

**Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.**

Sure Comfort® Heating and Cooling  
5600 Old Greenwood Road, Fort Smith, AR 72908

"In keeping with its policy of continuous progress and product improvement, Sure Comfort® reserves the right to make changes without notice."