# **COMMERCIAL PRODUCTS**

# Bringing you the ultimate in commercial value!

# PACKAGE AIR CONDITIONERS

- Up to 14.0 SEER

airflow design

Scroll compresso

ECM blower moto

support 2" filters

208/230 volts single

and 3-phase, 460 volts

Accessory filter racks

High-efficiency

11.5 EER

- Convertible

# - FNFRGY STAR

# Up to 16 SEER, Up to 12.5 EER

- 2-stage scroll compressor High-efficiency
- FCM blower motor Accessory filter racks support 2" filters
- tiaht-wire arille

PACKAGE DUAL FUEL

PDS4, PDD4

Up to 14.0 SEER

- Dual Fuel - gas heat

Scroll compressor

exchanger (PDD4)

- High-efficiency

Direct spark ignition

ECM blower motor

11.5 - 12 EER and 8 HSPF

Convertible airflow design

Aluminized steel tubular heat

Accessory filter racks support 2" filter

actory installed option available for low cabinet air leakage and tin-coated copper evaporator main tubes

PAR5, PAD4, PGR5, PGD4,PGS4, PHR5, PHD4 - Cabinet air leakage of 2.0% or less at 0.5 in. W.C. when tested in accordance with ASHRAE standard 193

gle-phase split-system units are subject to the DOF Regional Efficiency Standards \*\*\* Comfort Alert® is a registered trademark of Emerson Climate Technologies.

GH 10, 17.5, 20, 25 ton units and RAH 10 ton units for installation in the United States contain use of 2-speed indoor fan control syster

208/230 volts single- and 3-phase

and electric heat pump

Stainless steel tubula

heat exchanger (PDS4)

# single- and 3-phase 6 - 12.5 TONS



### RAH073, RAH090, RAH102, RAH120, RAH150 ENERGY STAR 11.7 - 12.4 EER, Up to 16.2 IEER

- 2-stage cooling Medium and high-static fan motor options
- Factory installed economizer option Convertible airflow design

15, 17,5, 20, 25 TONS

Dedicated vertical airflow

Medium and high-static

indoor fan options

- Factory installed

economizer option

Scroll compressors

2-stage cooling with

208/230 volts 3-phase

independent circuits and controls

RAH181, RAH210,

RAH240, RAH300

**ENERGY STAR** 

- Dual scroll compressors
- 208/230 volts 3-phase only, 460 or 575 volts

## 7.5 - 15 TON

- RAS090, RAS102, RAS120, RAS150, RAS180 Up to 11.3 EER, Up to 12.6 IEER
- Medium and high-static fan motor options Factory installed economizer option
- Convertible airflow design
- Dual scroll compressors
- 2-stage cooling

15, 17.5, 20, 25 TONS

Dedicated horizontal airflow

ndependent circuits and controls

Medium and high-static

indoor fan options

economizer option

Scroll compressor

2-stage cooling with

- 208/230 volts 3-phase

only, 460 or 575 volts

- Factory installed

RAH183, RAH213,

RAH243, RAH303

- ENERGY STAR

11.4 - 12.2 FFR. Up to 13.8 IFFR - 10.9 - 11.8 FFR. Up to 13.5 IFFR

208/230 volts 3-phase only 460 or 575 volts

COMMERCIAL AIR HANDLERS

FAS072, FAS091.

FAS120, FAS150.

FAS180, FAS240,

FAS300

AC fan coil

4-row coil

- Painted or

- 5 - 70 kW

TXV standard

Optional high-

Multi-position

electric heat

208/230/460

or 575 volts

RAS, RGS, RHS, RAH, RGH, RHH units for installation outside the United States may or may not contain use of the 2-speed indoor fan control system as they are not required to comply with the U.S. Department of Energy (DOE) efficiency standard of 2018

static fan motor

unpainted cabinet

### RAH036, RAH048 **RAS072** - 14 SFFR - 11.2 EER, 12.8 IEER BAH060, BAH072

- Medium and high ENERGY STAR static fan motor Up to 15.6 SEER. 12.5 FFR options Single-stage cooling - Factory installed

Medium and high-stati

Convertible airflow design

17.5, 20, 25 TONS

RAS210, RAS240

RAS300, RAS336

High-static indoor

economizer option

Scroll compressors

2-stage cooling with

independent circuits

208/230 volts 3-phase

FHS072, FHS091.

FHS120, FHS180,

- HP fan coil

4-row coil

- Painted or

unpainted

- 5 - 70 kW

Multi-position

electric heat

- 208/230/460

cabinet

TXV standard

Optional high

static fan motor

**FHS240** 

Factory installed

fan option

- 10.0 - 11.0 EER, Up to 12.9 IEER

Dedicated vertical airflow

fan motor options

economizer option

Scroll compressor

208/230, 460 or

575 volts

Factory installed

options Factory installed economizer option economizer option

Medium and high-

static fan motor

- Convertible - Convertible airflow design airflow design Scroll compressor - Scroll compressor
- 208/230 volts Single-stage cooling single- and 3-phase 460 or 575 volts

# 460 or 575 volts 7.5 - 10 TONS

- 208/230 volts

- RAS089, RAS100, RAS119 - 11.2 EER. 12.9 IEER
- 2-stage/single circuit cooling capacity
- Medium and high-static fan motor options - Factory installed economizer option
- Convertible airflow design
- 208/230 volts 3-phase only, 460 or 575 volts

15, 17.5, 20, 25 TONS

Dedicated horizontal airflow

RAS213, RAS243,

RAS303, RAS333

- 10.0 - 11.0 EER

fan option

High-static indoor

economizer option

Scroll compressors

- 2-stage cooling with

independent circuits

- 208/230 volts 3-phase

(Horizontal

(Vertical)

- R-410A

Direct-expansion

- 3/8" coil tubing

nitrogen holding

- Shipped with

charge

evaporator coils

R-22

CAVT

Factory installed

and controls

CASED COILS

**ENERGY STAF** 

Up to 12.5 EEF

2-stage gas heat

Stainless steel

heat exchange

High-efficiency

Accessory filter

racks support 2

tight-wire grille

208/230

volts single-

and 3-phase

ECM blower motor

2-stage scroll

compressor

## RGH073, RGH090, RGH102, RGH120, RGH150 **ENERGY STAF**

1.5 - 12.2 EER, Up to 16.0 IEER

PACKAGE GAS/ELECTRICS

PGS4, PGD4

11.5 EER

Convertible

airflow design

Stainless steel

tubular heat

tubular heat

- Up to 14 SEEF

Scroll compressor

exchanger (PGS4)

exchanger (PGD4)

Direct spark ignition

ECM blower motor

support 2" filters

Accessory filter racks

- 208/230 volts single-

and 3-phase, 460 volts

High-efficiency

Aluminized steel

- ledium and high-static fan motor options
- Three heat options (low, medium & high)
- Factory installed economizer option Convertible airflow design
- Tubular heat exchanger
- 2-stage gas heat
- Dual scroll compressors - 208/230 volts 3-phase only, 460 or 575 volts

RGH240, RGH300

11.2 - 12.0 EER, Up to 13.8 IEER

Dedicated vertical airflow

Tubular heat exchanger

- Medium and high-static

Three heat options

- Factory installed

economizer option

Scroll compressors

- 2-stage cooling with

and controls

independent circuits

- 208/230 volts 3-phase

(low, medium, high)

**ENERGY STAR** 

- 81% AFUE

### - Three heat options (low, medium & high) Factory installed economizer option Convertible airflow design

- Medium and high-static fan motor options

Tubular heat exchanger - 2-stage gas heat Dual scroll compressors

- 10.8-11.1 EER, Up to 12.8 IEER

- 2-stage cooling

- ENERGY STAR

- Tubular heat exchanger

- Medium and high-static

indoor fan options

Three heat options

(low, medium, high)

- Factory installed

economizer option

Scroll compressors

2-stage cooling with

independent circuits

- 208/230 volts 3-phase

only, 460 or 575 volts

and controls

- 81% AFUE

# - 208/230 volts 3-phase only, 460 or 575 volts

RGH036, RGH048,

RGH060, RGH072

ENERGY STAR

Up to 15.6 SEER

- Single-stage cooling

(low, medium & high)

static fan motor options

Medium and high-

- Factory installed

economizer option

- Convertible

airflow design

Tubular heat

- 208/230 460

or 575 volts

- 2-stage gas heat

Scroll compressor

RGS000 RGS102 RGS120 RGS150 RGS180 RGS089 RGS100 RGS119

exchanger

### Tubular heat exchange 2-stage gas heat

2-stage/single circuit cooling capacity

Medium and high-static fan motor options

Three heat options (low, medium & high)

Factory installed economizer option

- 2-stage cooling

Convertible airflow design

11.0 EER, 12.7 IEER

- 14 SEER

options

Convertible

airflow design

Single-stage

208/230 volts

3-phase, 460

or 575 volts

single- and

cooling

Medium and high

static fan motor

Factory installed

economizer option

Scroll compresso

- 11.0 EER, 12.7 IEEF

Medium and

Three heat

options (low,

Convertible

Tubular hea

exchanger

high-static fan

motor options

medium & hiah)

economizer option

Factory installed

airflow design

- 2-stage gas heat

- 208/230 volts

3-phase only

460 or 575 volts

Scroll compressor

Single-stage cooling

208/230 volts 3-phase only, 460 or 575 volts

RGS213, RGS243.

RGS303, RGS333

- 9.8 - 10.8 EER

- 80 - 81% AFUE

Dedicated horizontal

High-static indoor

Three heat options

(low, medium, high)

Factory installed

economizer option

Scroll compressors

fan option

Tubular heat exchange

### 15, 17,5, 20, 25 TONS 15, 17,5, 20, 25 TONS **RGH183, RGH213**

### RGH243, RGH303 RGS300, RGS336 9.8 - 10.8 EER, Up to 12.7 IEER

- 10.5 11.5 EER, Up to 13.2 IEER
- 80 81% AFUE Dedicated horizontal airflow

RGS210, RGS240,

- Dedicated vertical airflow - Tubular heat exchanger
- High-static indoor fan option Three heat options
- (low, medium, high) Factory installed
- economizer option
- Scroll compressors - 2-stage cooling with independent circuits
- and controls
- 208/230 volts 3-phase only, 460 or 575 volts

### - 2-stage cooling with independent circuits and controls

## 208/230 volts 3-phase only, 460 or 575 volts



Horizontal discharge with narrow footprint 14-15 SEFR depending or

**SPLIT HEAT PUMPS** 

208/230 volts single-\*

and 3-phase, 460 volts

- Minimum 15.4 SEER, 14 SEER
- Hail guard tight wire grille
  - Scroll compressor 208/230 Volt 3-phase
- CHS072, CHS091, CHS121, CHS180, CHS240
  - Up to 11.0 EEF on CHS180, CHS240 Scroll compressor Single refrigerant
  - Low ambient control

# PACKAGE HEAT PUMPS

## **ENERGY STAR** Up to 15.5 SEER

- 12.5 EER 2-stage scrol
- High-efficiency
- Accessory filte racks support 2" filters Hail quard
- tight-wire grille 208/230 volts single- and

3-phase

- Up to 14 SEER - 12 EER and 8
- Scroll compressor - Convertible airflow design High-efficiency
- ECM blower motor Accessory filter racks support 2" filters
- 208/230 volts single- and 3-phase, 460 volts

- **ENERGY STAR** Up to 15.8 SEEF 11.7 - 12.8 EER Single-stage cooling
  - Medium and high-static fan motor options Factory installed economizer option
- Convertible airflow design Scroll compresso - 208/230, 460 or 575 volts

RHH036, RHH048,

RHH060, RHH072

### - 14 SEER 80 - 82 HSPE - 11.1 EER, 12.7 IEER Medium and high-static Medium and high-static fan motor options fan motor options

 Factory installed Factory installed economizer option economizer option Convertible airflow

3-phase, 460 or 575 volts

10.6 - 10.8 EER,

Dedicated vertical

Medium and high-

static fan motor

- Factory installed

12.0 IEER

airflow

ontions

- Convertible airflow design Scroll compressor
- Scroll compresso Single-stage cooling
  - 208/230 volts 3-phase only, 460 or 575 volts

# 208/230 volts single- and

RHS183, RHS243

10.6 - 10.8 EER

Medium and high

static fan motor

Factory installed

economizer option

Dedicated horizonta



- 12.9 15.6 IEEF options 2-stage cooling Factory installed
- Medium and high economizer option static fan motor options Convertible
- Factory installed economizer option
- airflow design

only, 460 or 575 volts

- Dual scroll compressors 208/230 volts - 208/230 volts 3-phase 3-phase only,
- compressors 2-stage cooling
- economizer option airflow design - Convertible - Dual scroll
  - airflow design - Dual scroll
  - compressors 2-stage cooling 208/230 volts 3-phase

only, 460 or 575 volts

RHS120, RHS150

- 10 6 - 11 0 FFR

- Medium and

high-static fan

motor options

Factory installed

12.0 - 12.5 IEER

economizer option Scroll compressors 2-stage cooling with

3-phase only,

- · Scroll compressors 2-stage cooling with independent circuits
- independent circuits and controls - 208/230 volts
- 460 or 575 volts

# 208/230 volts 3-phase only. 460 or 575 volts

# **SPLIT CONDENSING UNITS**

- Horizontal discharge with narrow footprint 14-15 SEER depending
- on indoor combination Scroll compressor 208/230 volts single-\* and

# Comfort Alert® diagnostics\*\* 208/230 volts single and 3-phase, 460 volts

### Scroll compresso 2-speed fan motor 20°F. low ambient control



### Scroll compresso 208/230 volts



13 SEER

# CAS091, CAS121,

- CAS151 - Up to 11.2 EER
- Scroll compressor Single refrigerant circuit
  - Comfort Alert® diagnostics

# diagnostics

- 208/230 volts 3-phase
- only, 460 or 575 volts

## CAS072 - 11.5 EER Scroll compressor



Low ambient control option (-20°F.)

only, 460 or 575 volts

CAS120, CAS150

- Comfort Alert®

- Dual scroll compressors

- 11.2 EER

Single or dual refrigerant

Comfort Alert® diagnostics Low ambient control option (-20°F.)

CAS180, CAS181,

CAS240, CAS241

- Scroll compresso

- 11.0 EER

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- - indoor combination\*\* · Scroll compressor
- Scroll compressor 208/230 volts single-\* and
  - 3-phase, 460 volts

    - diagnostics
- circuit on CHS072. option (-20°F.) CHS091 CHS121 Comfort Alert®

# - 208/230 volts 3-phase only, 460 or 575 volts

- Comfort Alert®

only, 460 or 575 volts

208/230 volts 3-phase

Low ambient contro option (-20°F.)

208/230 volts 3-phase

emostar air conditioners (SEER and EER) and heat numos (SEER. EER and HSPF), refer to www.GoTempstar.com/Product Information/Higher SEER and HSP Factory installed options (FIOPs) are available on select models of Tempstar® package rooftops, A full line of commercial accessories is available. See your Tempstar sales representative for availability Tempstar® commercial products are covered by the following parts-only limited warranties: • Stainless Steel Heat Exchanger - 15 Yrs. (RGH & RGS models only) • Aluminized Steel Heat Exchanger - 10 Yrs. • Compressor - 5 Yrs. (unless otherwise indicated) • Parts - 1 Yrs.

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# **Online Equipment Selection Program!**



Use the Equipment Selection Program website to create submittals for engineers, code officials, builders or property owners. It guides you through the process of selecting the right equipment for every application, based on the criteria you enter, matching the best products, factory-installed options and correct accessories for every job.

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Just fill out the online form and follow the instructions and you'll be on your way to simplifying the submittal process!



# **Rooftop Energy Savings Calculator**

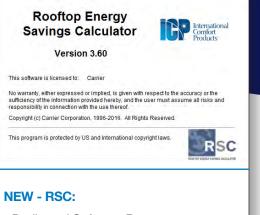
- Compare energy costs and payback performance of rooftop equipment
- For replacement applications
- Evaluate the energy cost savings and payback of replacing old, inefficient equipment
- For new construction applications
  - Helps evaluate the energy cost and payback performance of standard vs high efficiency equipment or competitor equipment
- Available on HVACPartners under "Products and Solutions"
- It's FREE! Available through your local distributor



- Simple inputs
- Auto-populates if replacement or new construction
- Simulates 8 building types
- Pulls current energy data no guessing
- Uses Hourly Analysis Program (HAP) calculation engine
- Intuitive help screens

## Calculates Professional Reports:

- Payback Period
- Maintenance, Repair Costs
- Total Energy Savings
- Graphic Displays
- Detailed Energy Savings:
- Fan
- Cooling
- Heating
- Savings After Payback Period



- **Dedicated Software Program**
- Economic (cash flow / payback)
- Replacement Jobs
- **New Construction Jobs**
- Custom or Detail (Pick and Click)



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- Select units by model, size, or CFM



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