



# Commercial Products Matrix

# RGS

## 3 TO 12.5 TONS

SUBJECT TO CHANGE WITHOUT NOTICE

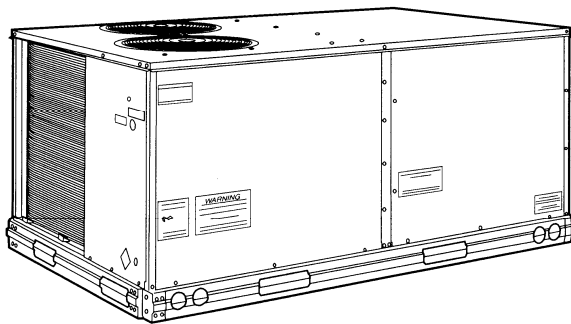
Type of Sale: 6LSS

Shipping Point: Lewisburg, TN.



### PACKAGED ROOFTOP GAS HEATING/ELECTRIC COOLING UNITS 3, 4, 5, 6, 7.5, 8.5, 10 & 12.5t TONS

RGS units are high-efficiency, single-packaged electric cooling, gas heating units that are pre-wired and pre-charged with environmentally sound R-410A HFC refrigerant. The units are factory tested in both heating and cooling modes.



#### STANDARD FEATURES

- R-410A HFC refrigerant
- ASHRAE 90.1-2004 compliant 13 SEER efficiency levels
- Single-stage cooling capacity control on all 036-072 models and the 091,101 and 121 models.
- Rated in accordance with ARI Standard 210 (036-060 sizes) and 360 (072-121 sizes)
- Designed in accordance with Underwriters' Laboratories Standard 1995
- Listed by UL and UL, Canada
- Energy Star qualified
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; side or center drain
- Gas efficiencies up to 82%
- Induced draft combustion
- Redundant gas valve, with 1 or 2 stages of heating
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Acutrol™ refrigerant metering system
- Fully insulated cabinet
- Exclusive IGC solid-state control for on-board diagnostics with LED error code designation, burner control logic and energy saving indoor fan motor delay
- "Low NOx" models available that meet California Air Quality Management NOx requirements and include stainless steel heat exchangers
- Cooling operating range from 25 F up to 115 F using winter start kit, 40 Deg.F Std
- Access panels with easy grip handles and no-strip screw feature
- Two-inch disposable return air filters
- Tool-less filter access door
- Standard belt drive, constant torque motor
- Advanced terminal board for simple safety circuit troubleshooting and control box arrangement
- Convertible from vertical to horizontal airflow for slab mounting
- Provisions for thru-the-bottom power entry capability
- Single point gas and electric connections
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Scroll compressors with internal line-break overload protection
- Copper tube, aluminum fin coils
- 24-volt control circuit protected with resettable circuit breaker
- Permanently lubricated evaporator-fan motor
- Permanently lubricated, totally enclosed, shaft down condenser motors
- Low pressure, freeze protection, and high pressure switches
- Exclusive IGC anti-cycle protection for gas heat operation
- Solid-state electronic direct spark ignition system
- Flame roll-out safety protector
- Liquid line filter drier



Models RGS036-150



**Certified to ISO 9001:2000**



Sizes 036-060



Size 072-150

#### STANDARD WARRANTY

- 10-year heat exchanger
- 5-year compressor
- 1-year parts

#### FACTORY INSTALLED OPTIONS INCLUDE BUT NOT LIMITED TO:

- Economizer and two position damper options
- Disconnect and convenience outlet options
- Multiple optional belt drive motor and pulley combinations
- Smoke detector and CO2 sensor options
- Corrosion resistant options for evaporator and condenser coils
- Optional Stainless Steel Heat Exchanger (S,R,T Models)

For a complete list of options and accessories, refer to the Specification Sheets / Catalog for this unit.

**FORM NO.  
SUPERSEDES  
PRICE SECTION**

**RGS.1PPG  
New  
RGS (3 to 12.5 Tons)**



# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

## SAP CATALOG ORDERING NUMBER NOMENCLATURE

### SINGLE & 3-PHASE RGS R-410A ROOFTOP PRODUCT MODEL NUMBER IDENTIFICATION GUIDE

Position No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Example:</b>	R	G	S	0	7	2	L	D	A	B	0	A	A	A
R = Rooftop														
G = Gas Electric	<b>TYPE</b>													
S = Standard														
ASHRAE 90.1-2010 Efficiency	<b>EFFICIENCY</b>													
036 = 36,000 BTUH = 3 Tons														
048 = 48,000 BTUH = 4 Tons														
060 = 60,000 BTUH = 5 Tons														
072 = 72,000 BTUH = 6 tons														
090 = 90,000 BTUH = 7.5 tons ( 2 Compressor)														
091 = 90,000 BTUH = 7.5 tons (Single Compressor)														
101 = 102,000 BTUH = 8.5 tons (Single Compressor)														
120 = 120,000 BTUH = 10 tons ( 2 Compressor)														
121 = 120,000 BTUH = 10 tons (Single Compressor)														
150 = 150,000 BTUH = 12.5 tons ( 2 Compressor)														
<b>NOMINAL COOLING CAPACITY</b>														
H = 208/230-3-60														
K = 208/230-1-60														
L = 460-3-60														
S = 575-3-60	<b>VOLTAGE</b>													
D = Low Heat														
E = Medium Heat														
F = High Heat														
L = Low Heat, Low NOx														
M = Medium Heat, Low NOx														
N = High Heat, Low NOx														
S = Low Heat, Stainless Steel Heat Xgr														
R = Medium Heat, Stainless Steel Heat Xgr														
T = High Heat, Stainless Steel Heat Xgr														
<b>HEATING CAPACITY (See Spec Sheet for Actual Capacity)</b>														
A = Standard Motor														
B = Higher Static Motor	<b>MOTOR ( Indoor Fan )</b>													
A = None														
B = Economizer w/Bara-relief, OA Temp sensor														
E = Economizer w/Bara-relief + CO2 Sensor, OA Temp sensor														
H = Economizer w/Bara-relief, enthalpy sensor														
L = Economizer w/Bara-relief + CO2 Sensor, enthalpy sensor														
P = 2-Position damper w/Baro-relief	<b>OUTDOOR AIR OPTIONS / CONTROL (See Spec Sheet for Details)</b>													
0A = No Options														
4B = Non-Fused Disconnect														
AT = Non-powered 115v C.O.														
BR = Supply Air Smoke Detector														
7C = Non-Fused Disconnect + Non-Powered 115v C.O.														
7K = Non-Fused Disconnect + Non-Powered 115v C.O.+ SA Smoke detector														
8A = Non-Fused Disconnect + SA Smoke detector	<b>FACTORY INSTALLED OPTIONS (See Spec Sheet for Details)</b>													
A = Aluminum / Copper Cond & Evap Coil														
B = Precoat Alum/CU Cond II Alum / CU Evap														
C = E-Coated Alum/Cu Cond II Alum / CU Evap														
D = E-Coated Alum / Cu Cond & Evap														
E = Cu / Cu Cond & Alum/Cu Evap														
F = Copper/Copper Cond & Evap														
G = Alum / Alum Cond, Alum / Copper Evap Coil	<b>CONDENSER / EVAPORATOR COIL CONFIGURATION (See Spec Sheet for Details)</b>													
A = Standard Packaging														
B = Less Than Truckload (LTL) Packaging	<b>PACKAGING</b>													

### LEGEND

SAP – Sales Order Process

**NOTE:** The example model number RGS072LDAB0AAAA designates a 6 ton 460-3-60 volt electric cooling, gas heating rooftop unit with standard coils and an EconoMi\$er IV.



# Commercial Products Matrix

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**RGS STANDARD UNIT MASTER PRICES**  
**SINGLE Compressor Models**

SAP CATALOG ORDERING NUMBER	VOLTS-PHASE (60 Hz)	COOLING CAPACITY (Btuh)	HEATING OUTPUT (Btuh)	APPROX. SHIP. WT. (Lbs)	MASTER PRICE
RGS036SDAA0AAA	575-3	34,600	59,040	572	
RGS036KDAA0AAA	208/230-1	34,600	59,040	572	
RGS036HDAA0AAA	208/230-3	34,600	59,040	572	
RGS036LDAA0AAA	460-3	34,600	59,040	572	
RGS036SEAA0AAA	575-3	34,600	93,000	572	
RGS036KEAA0AAA	208/230-1	34,600	93,000	572	
RGS036HEAA0AAA	208/230-3	34,600	93,000	572	
RGS036LEAA0AAA	460-3	34,600	93,000	572	
RGS048KDAA0AAA	208/230-1	45,000	59,040	582	
RGS048HDAA0AAA	208/230-3	45,000	59,040	582	
RGS048LDAA0AAA	460-3	45,000	59,040	582	
RGS048SEAA0AAA	575-3	45,000	93,000	602	
RGS048KEAA0AAA	208/230-1	45,000	93,000	602	
RGS048HEAA0AAA	208/230-3	45,000	93,000	602	
RGS048LEAA0AAA	460-3	45,000	93,000	602	
RGS048SFAA0AAA	575-3	45,000	120,000	610	
RGS048KFAA0AAA	208/230-1	45,000	120,000	610	
RGS048HFAA0AAA	208/230-3	45,000	120,000	610	
RGS048LFAA0AAA	460-3	45,000	120,000	610	
RGS060KDAA0AAA	208/230-1	59,000	59,000	620	
RGS060HDAA0AAA	208/230-3	36,000	59,000	620	
RGS060LDAA0AAA	460-3	59,000	59,000	620	
RGS060SEAA0AAA	575-3	59,000	93,000	620	
RGS060KEAA0AAA	208/230-1	59,000	93,000	620	
RGS060HEAA0AAA	208/230-3	59,000	93,000	620	
RGS060LEAA0AAA	460-3	59,000	93,000	620	
RGS060SFAA0AAA	575-3	59,000	120,000	630	
RGS060KFAA0AAA	208/230-1	59,000	120,000	630	
RGS060HFAA0AAA	208/230-3	59,000	120,000	630	
RGS060LFAA0AAA	460-3	59,000	120,000	630	
RGS072HDAA0AAA	208/230-3	70,000	59,000	657	
RGS072LDAA0AAA	460-3	70,000	59,000	657	
RGS072SEAA0AAA	575-3	70,000	93,000	657	
RGS072HEAA0AAA	208/230-3	70,000	93,000	657	
RGS072LEAA0AAA	460-3	70,000	93,000	657	
RGS072SFAA0AAA	575-3	70,000	120,000	664	
RGS072HFAA0AAA	208/230-3	70,000	120,000	664	
RGS072LFAA0AAA	460-3	70,000	120,000	664	
RGS091HDAA0AAA	208/230-3	84,000	103,000	810	
RGS091LDAA0AAA	460-3	84,000	103,000	810	
RGS091SEAA0AAA	575-3	84,000	148,000	810	
RGS091HEAA0AAA	208/230-3	84,000	148,000	810	
RGS091LEAA0AAA	460-3	84,000	148,000	810	
RGS091SFAA0AAA	575-3	84,000	184,000	810	
RGS091HFAA0AAA	208/230-3	84,000	184,000	810	
RGS091LFAA0AAA	460-3	84,000	184,000	810	
RGS101HDAA0AAA	208/230-3	97,000	103,000	910	



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## RGS STANDARD UNIT MASTER PRICES SINGLE Compressor Models

SAP CATALOG ORDERING NUMBER	VOLTS-PHASE (60 Hz)	COOLING CAPACITY (Btuh)	HEATING OUTPUT (Btuh)	APPROX. SHIP. WT. (Lbs)	MASTER PRICE
RGS101LDAA0AAA	460-3	97,000	103,000	910	
RGS101SEAA0AAA	575-3	97,000	148,000	910	
RGS101HEAA0AAA	208/230-3	97,000	148,000	910	
RGS101LEAA0AAA	460-3	97,000	148,000	910	
RGS101SFAA0AAA	575-3	97,000	184,000	910	
RGS101HFAA0AAA	208/230-3	97,000	184,000	910	
RGS101LFAA0AAA	460-3	97,000	184,000	910	
RGS121HDAA0AAA	208/230-3	117,000	148,000	965	
RGS121LDAA0AAA	460-3	117,000	148,000	965	
RGS121SEAA0AAA	575-3	117,000	184,000	965	
RGS121HEAA0AAA	208/230-3	117,000	184,000	965	
RGS121LEAA0AAA	460-3	117,000	184,000	965	
RGS121SFAA0AAA	575-3	117,000	205,000	965	
RGS121HFAA0AAA	208/230-3	117,000	205,000	965	
RGS121LFAA0AAA	460-3	117,000	205,000	965	

\* Rated in accordance with ARI Standards 210/240, 270 (036-120)

ALL of the above models comply with the minimum efficiency requirements as defined in the ASHRAE 90.1-2004 Energy Standard. To determine local compliance check with local or state municipal building codes or access the Internet website: <http://bcap-energy.org>

## BASE UNIT MASTER PRICES - TWO STAGE COOLING MODELS

ORDERING NUMBER	VOLTAGE/ PHASE/HZ	HEAT LEVEL OUTPUT (Btuh)	COOLING CAPACITY (Btuh)	APPROX. SHIPPING WT. (lbs)	MASTER PRICE
RGS090HDAA0GAA	208/230-3-60	103,000	83,000	890	
RGS090LDAA0GAA	460-3-60	103,000	83,000	890	
RGS090SEAA0GAA	575-3-60	148,000	83,000	890	
RGS090HEAA0GAA	208/230-3-60	148,000	83,000	890	
RGS090LEAA0GAA	460-3-60	148,000	83,000	890	
RGS090SFAA0GAA	575-3-60	184,000	83,000	890	
RGS090HFAA0GAA	208/230-3-60	184,000	83,000	890	
RGS090LFAA0GAA	460-3-60	184,000	83,000	890	
RGS090HDAA0GAA	208/230-3-60	148,000	114,000	970	
RGS120HDAA0GAA	208/230-3-60	148,000	114,000	970	
RGS120LDAA0GAA	460-3-60	148,000	114,000	970	
RGS120SEAA0GAA	575-3-60	184,000	114,000	970	
RGS120HEAA0GAA	208/230-3-60	184,000	114,000	970	
RGS120LEAA0GAA	460-3-60	184,000	114,000	970	
RGS120SFAA0GAA	575-3-60	205,000	114,000	970	
RGS120HFAA0GAA	208/230-3-60	205,000	114,000	970	
RGS120LFAA0GAA	460-3-60	205,000	114,000	970	
RGS150HDAA0GAA	208/230-3-60	148,000	140,000	1156	
RGS150LDAA0GAA	460-3-60	148,000	140,000	1156	
RGS150SEAA0GAA	575-3-60	184,000	140,000	1156	
RGS150HEAA0GAA	208/230-3-60	184,000	140,000	1156	
RGS150LEAA0GAA	460-3-60	184,000	140,000	1156	
RGS150SFAA0GAA	575-3-60	205,000	140,000	1156	
RGS150HFAA0GAA	208/230-3-60	205,000	140,000	1156	
RGS150LFAA0GAA	460-3-60	205,000	140,000	1156	



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## RGS LOW NOX BASE UNIT MASTER PRICES

SAP CATALOG ORDERING NUMBER	VOLTS-PHASE (60 Hz)	COOLING CAPACITY (Btuh)	HEATING OUTPUT (Btuh)	APPROX. SHIP. WT. (Lbs)	MASTER PRICE
RGS036KLAA0AAA	208/230-1	34,600	59,000	572	
RGS036HLAA0AAA	208/230-3	34,600	59,000	572	
RGS036LLAA0AAA	460-3	34,600	59,000	572	
RGS036KMAA0AAA	208/230-1	34,600	74,000	572	
RGS036HMAA0AAA	208/230-3	34,600	74,000	572	
RGS036LMAA0AAA	460-3	34,600	74,000	572	
RGS048KLAA0AAA	208/230-1	45,000	59,000	582	
RGS048HLAA0AAA	208/230-3	45,000	59,000	582	
RGS048LLAA0AAA	460-3	45,000	59,000	582	
RGS048KMAA0AAA	208/230-1	45,000	74,000	602	
RGS048HMAA0AAA	208/230-3	45,000	74,000	602	
RGS048LMAA0AAA	460-3	45,000	74,000	602	
RGS048KNAA0AAA	208/230-1	45,000	101,000	610	
RGS048HNAA0AAA	208/230-3	45,000	101,000	610	
RGS048LNAA0AAA	460-3	45,000	101,000	610	
RGS060KLAA0AAA	208/230-1	59,000	59,040	620	
RGS060HLAA0AAA	208/230-3	59,000	59,000	620	
RGS060LLAA0AAA	460-3	59,000	59,000	620	
RGS060KMAA0AAA	208/230-1	59,000	74,000	620	
RGS060HMAA0AAA	208/230-3	59,000	74,000	620	
RGS060LMAA0AAA	460-3	59,000	74,000	620	
RGS060KNAA0AAA	208/230-1	59,000	101,000	630	
RGS060HNAA0AAA	208/230-3	59,000	101,000	630	
RGS060LNAA0AAA	460-3	59,000	101,000	630	

Units meet California's South Coast Air Quality Management District (SCAQMD) requirement of 40 nanograms / joule or less.

ALL of the above models comply with the minimum efficiency requirements as defined in the ASHRAE 90.1-2004 Energy Standard. To determine if compliance with this standard pertains to a given geographical area of the United States, check with local or state municipal building codes or visit the following Internet website: <http://bcap-energy.org>.



# Commercial Products Matrix

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## STAINLESS STEEL HEAT EXCHANGER OPTION MASTER PRICES ( Single Compressor )

SAP CATALOG ORDERING NUMBER	VOLTS-PHASE (60 Hz)	COOLING CAPACITY (Btuh)	HEATING OUTPUT (Btuh)	APPROX. SHIP. WT. (Lbs)	MASTER PRICE
RGS101HRAA0AAA	208/230-3	97,000	148,000	910	
RGS101LRAA0AAA	460-3	97,000	148,000	910	
RGS101STAA0AAA	575-3	97,000	184,000	910	
RGS101HTAA0AAA	208/230-3	97,000	184,000	910	
RGS101LTAA0AAA	460-3	97,000	184,000	910	
RGS121HSAA0AAA	208/230-3	117,000	148,000	965	
RGS121LSAA0AAA	460-3	117,000	148,000	965	
RGS121SRAA0AAA	575-3	117,000	184,000	965	
RGS121HRAA0AAA	208/230-3	117,000	184,000	965	
RGS121LRAA0AAA	460-3	117,000	184,000	965	
RGS121STAA0AAA	575-3	117,000	205,000	965	
RGS121HTAA0AAA	208/230-3	117,000	205,000	965	
RGS121LTAA0AAA	460-3	117,000	205,000	965	

## STAINLESS STEEL HEAT EXCHANGER OPTION MASTER PRICES ( Dual Compressor )

SAP CATALOG ORDERING NUMBER	VOLTAGE/ PHASE/HZ	HEAT LEVEL OUTPUT (Btuh)	COOLING CAPACITY (Btuh)	APPROX. SHIPPING WT. (lbs)	MASTRR PRICR
RGS090HSAA0GAA	208/230-3-60	103,000	83,000	900	
RGS090LSAA0GAA	460-3-60	103,000	83,000	900	
RGS090SRAA0GAA	575-3-60	148,000	83,000	900	
RGS090HRAA0GAA	208/230-3-60	148,000	83,000	900	
RGS090LRAA0GAA	460-3-60	148,000	83,000	900	
RGS090STAA0GAA	575-3-60	184,000	83,000	900	
RGS090HTAA0GAA	208/230-3-60	184,000	83,000	900	
RGS090LTAA0GAA	460-3-60	184,000	83,000	900	
RGS120HSAA0GAA	208/230-3-60	148,000	114,000	980	
RGS120LSAA0GAA	460-3-60	148,000	114,000	980	
RGS120SRAA0GAA	575-3-60	184,000	114,000	980	
RGS120HRAA0GAA	208/230-3-60	184,000	114,000	980	
RGS120LRAA0GAA	460-3-60	184,000	114,000	980	
RGS120STAA0GAA	575-3-60	205,000	114,000	980	
RGS120HTAA0GAA	208/230-3-60	205,000	114,000	980	
RGS120LTAA0GAA	460-3-60	205,000	114,000	980	
RGS150HSAA0GAA	208/230-3-60	148,000	140,000	1166	
RGS150LSAA0GAA	460-3-60	148,000	140,000	1166	
RGS150SRAA0GAA	575-3-60	184,000	140,000	1166	
RGS150HRAA0GAA	208/230-3-60	184,000	140,000	1166	
RGS150LRAA0GAA	460-3-60	184,000	140,000	1166	
RGS150STAA0GAA	575-3-60	205,000	140,000	1166	
RGS150HTAA0GAA	208/230-3-60	205,000	140,000	1166	
RGS150LTAA0GAA	460-3-60	205,000	140,000	1166	





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## FACTORY INSTALLED OPTIONS

### POSITION 9 – INDOOR MOTOR OPTIONS

RTU Model Number example:	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Ordering Position Number:	R	G	S	0	7	2	L	D	A	B	0	A	A	A

9 <sup>th</sup> DIGIT ORDER CODE	DESCRIPTION	VOLTAGE	MASTER PRICE ADDERS								
			036	048	060	072	090 / 091	101	120 / 121	150	
A	Standard Static Option	208/230-1-60	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
		208/230-3-60 or 460-3-60	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
		575-3-60	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
B	High Static Option	208/230-1-60	NC	NC	Cost Add	-n/a	n/a	n/a	n/a	n/a	n/a
		208/230-3-60 or 460-3-60	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add
		575-3-60	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add

### POSITION 10 - OUTDOOR AIR OPTIONS

RTU Model Number example:	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Ordering Position Number:	R	G	S	0	7	2	L	D	A	B	0	A	A	A

10 <sup>th</sup> DIGIT ORDER CODE	DESCRIPTION	MASTER PRICE ADDER	
		036-072	091-150
A	None	Std.	Std.
B	Temperature Economizer w/ Barometric relief	Cost Add	Cost Add
E	Temperature Economizer w/ Barometric relief and CO2 <sup>1</sup>	Cost Add	Cost Add
H	Enthalpy Economizer w/ Barometric relief	Cost Add	Cost Add
L	Enthalpy Economizer w/ Barometric relief and CO2 <sup>1</sup>	Cost Add	Cost Add
P	Motorized 2 pos damper w/ Barometric relief	Cost Add	Cost Add

<sup>1</sup> Future availability

**NOTES:**

- EconoMi\$er IV (Vertical airflow only):
  - 100%+ barometric relief capability.
  - Gear-driven 3-position damper. Includes occupied/unoccupied minimum position and maximum position.
  - Direct-mount Belimo spring return actuator closes damper on power loss.
  - Dry bulb outdoor air control standard. Enthalpy control available as an accessory.
  - Solid-state control module for non-DDC applications
  - OAT and SAT sensors factory installed



# Commercial Products Matrix

**RGS**  
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## FACTORY INSTALLED OPTIONS

### POSITION 11 & 12 - FACTORY-INSTALLED OPTIONS

RTU Model Number example:	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Ordering Position Number:	R	G	S	0	7	2	L	D	A	B	0	A	A	A

#### To determine the Option Ordering Code and place an order:

1. Select the desired combination of options from the table below. The 2-letter Ordering Code is listed to the left of the Option combination.
2. Enter the 2-letter Code as the 11th and 12th digits of the Base Unit Ordering Number.
3. To determine Master Price for FIOP unit, add price of option combination selected to master price of base unit.

### FACTORY-INSTALLED OPTION DESCRIPTIONS

OPTION	DESCRIPTION	NOTES
2	Non-Fused Disconnect Switch	2
5	Un-powered Convenience Outlet	3
9	Supply Air Smoke Detector	

### FACTORY-INSTALLED OPTION PRICES

ORDER CODE	OPTIONS	MASTER PRICE ADDER	
		036-072	091-150
0A	None	Standard	Standard
4B	2	Cost Add	Cost Add
7C	2,5	Cost Add	Cost Add
7K	2,5,9	Cost Add	Cost Add
8A	2,9	Cost Add	Cost Add
AT	5	Cost Add	Cost Add
BR	5,9	Cost Add	Cost Add

#### NOTES:

2. Non-fused disconnect switch cannot be used when rooftop MOCP electrical rating exceeds 80 amps.
3. Un-powered convenience outlet requires separate field supplied 115-120v power source. Transformer is NOT included.





# Commercial Products Matrix

**RGS**  
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## FACTORY INSTALLED OPTIONS

### POSITION 13 - CORROSION RESISTANT COILS

RTU Model Number example:	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Ordering Position Number:	R	G	S	0	7	2	L	D	A	B	0	A	A	A

Enviro-Shield™ Description	Environment					
	Standard Non-Corrosive	Mild Coastal	Moderate Coastal	Severe Coastal	Industrial	Industrial & Coastal
Alum Fin / Cu Tube	X					
Pre-Coated Al / Cu		X				
Cu / Cu			X			
E-Coated Al / Cu					X	X
E-Coated Cu / Cu				X		

### SINGLE STAGE ( 1 Compressor ) COOLING CAPACITY MODELS ( 091-121 ONLY)

13 <sup>th</sup> Digit Order Code	MASTER PRICE ADDERS								
	Condenser Coil (Fins/Tube)	Evaporator Coil (Fins/Tube)	036	048	060	072	091	101	121
A	Al/Cu	Al/Cu	Std.	Std.	Std.	Std.	Std.	Std.	Std.
B	Pre-	Al/Cu	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add
C	E-Coated	Al/Cu	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add
D	E-Coated	E-Coated	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add
E	Cu/Cu	Al/Cu	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add
F	Cu/Cu	Cu/Cu	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add	Cost Add

### TWO STAGE ( Dual Compressor ) COOLING CAPACITY MODELS ( 090-150 ONLY)

13 <sup>th</sup> Digit Order Code	DESCRIPTION		MASTER PRICE ADDERS		
	Condenser Coil (Fins/Tube)	Evaporator Coil (Fins/Tube)	090	120	150
G	AL/AL	AL/CU	Std.	Std.	Std.
K	E-Coat Al / Al	AL/CU	Cost Add	Cost Add	Cost Add

Notes:

1. Dual stage ( 2 compressor ) models are equipped with a micro-channel (MCHX) aluminum / aluminum condenser coil.
2. No MCHX factory coating options are currently available.



# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

## FIELD INSTALLED ACCESSORIES

### ECONOMISER IV (CONTROLLER INCLUDED)

#### VERTICAL

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	APPROX SHIP WT (Lbs)	MASTER PRICE
DNECOMZR020A02 <sup>1</sup>	Vertical EconoMi\$er IV with solid-state controller, gear-driven, 3-position modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible, for use in non-DDC applications.	036-072	55	
DNECOMZR021A03 <sup>1</sup>	Vertical EconoMi\$er IV with solid-state controller, gear-driven, 3-position modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible, for use in non-DDC applications.	090-150	80	

**NOTE:**

<sup>1</sup> EconoMi\$er IV, EconoMi\$er2, Manual Damper and Motorized Damper are all mutually exclusive and cannot be installed together.

#### HORIZONTAL

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	APPROX SHIP WT (Lbs)	MASTER PRICE
DNECOMZR024A02 <sup>1</sup>	Horizontal EconoMi\$er IV with solid-state controller, gear-driven, 3-position modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible, for use in non-DDC applications.	036-072	85	
DNECOMZR025A02 <sup>1</sup>	Horizontal EconoMi\$er IV with solid-state controller, gear-driven, 3-position modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air sensors, and CO2 sensor compatible, for use in non-DDC applications.	090-150	105	

**NOTE:**

<sup>1</sup> EconoMi\$er IV, Manual Damper and 2-Pos Motorized Damper are all mutually exclusive and cannot be installed together.



# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

## FIELD INSTALLED ACCESSORIES

### ECONOMIZER SENSORS ECONOMIZER SENSOR USAGE CHART

DESIRED CONTROL METHOD		ECONOMIZER IV <sup>1</sup> REQUIRED FIELD-INSTALLED SENSOR(S)
Single Dry Bulb Control		None. Outside Air dry bulb sensor is factory installed.
Differential Dry Bulb Control		(1) DNTEMPSN002A00
Single Enthalpy Control		(1) AXB078ENT
Differential Enthalpy Control		(1) AXB078ENT & (1) DNENTDIF004A00
To Add CO <sub>2</sub> DCV Control with above:	Duct Mount	(1) DNCBDIOX005A00

NOTES:

- OAT and SAT sensors included for EconoMi\$er IV.

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	
DNTEMPSN002A00	Outdoor or Return Dry Bulb Temperature Sensor used with Electro-Mechanical control.	EconoMi\$er IV	
DNCBDIOX005A00	CO2 Sensor for use in return air stream. Also includes Aspirator Box required for Duct Mounting.	EconoMi\$er IV	
AXB078ENT	Accusensor II Economizer Differential Enthalpy Control Upgrade	EconoMi\$er IV	
DNENTDIF004A00	Return Air Enthalpy Sensor used with Electro-Mechanical controls, use with AXB078ENT for differential enthalpy control.	EconoMi\$er IV	



# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

## FIELD INSTALLED ACCESSORIES

### POWER EXHAUST OPTIONS

#### VERTICAL <sup>1</sup>

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	
DNPWREXH030A01	Power Exhaust System (208/230-1-60)	036-072 208/230-1-60 208/230-3-60	
DNPWREXH021A01	Power Exhaust System (460-3-60)	036-072 460-3-60	
DNPWREXH022A01	Power Exhaust System (208/230-1-60)	090-150 208/230-3-60	
DNPWREXH023A01	Power Exhaust System (460-3-60)	090-150 460-3-60	

**NOTES:**

- <sup>1</sup> Vertical Power Exhaust requires a vertical Economizer
- <sup>2</sup> Vertical Power Exhaust package includes exhaust hood, screens, and propeller fan system

#### HORIZONTAL

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	
DNPWREXH028A01	Horizontal Power Exhaust (208/230-1-60) - Mounted on Return Ductwork	All 208/230-1-60 208/230-3-60 575-3-60	
DNPWREXH029A01	Horizontal Power Exhaust (460-3-60) - Mounted on Return Ductwork	All 460-3-60	

**NOTES:**

- <sup>1</sup> Horizontal Power Exhaust should be duct-mounted on return ductwork
- <sup>2</sup> Horizontal Power Exhaust package includes exhaust hood, screens, and propeller fan system

Internal Use Only

#### 575V TRANSFORMER

ODS ORDERING NUMBER / FAST #	DESCRIPTION	APPLICATION USAGE	
--HT--01AH-859 / 1171494	Transformer for conversion from 575 volt to 208/230 volt power exhaust applications.	Convert from 575 Volt to 208-230 Volt Power Exhaust applications.	

**NOTES:**

- Vertical power exhaust package includes exhaust hood, screens and propeller fan system.
- 24" Roof curbs are NOT required with vertical power exhaust.
- Horizontal power exhaust should be duct-mounted in the return ductwork and is supplied with a single fan and wiring harness.
- Both vertical and horizontal power exhaust packages can be used with either EconoMi\$er IV. In either case, the power exhaust is controlled by the EconoMi\$er IV controller.
- Order --HT--01AH-859, FAST# 1171494, for 575V applications.



# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

## FIELD INSTALLED ACCESSORIES

### OUTDOOR AIR DAMPER OPTIONS

#### MANUAL OUTDOOR AIR DAMPERS

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	MASTER PRICE
DNMANDPR001A03	25% Open Manual Outdoor Air Damper Package	036-072 <sup>1</sup>	
CRMANDPR001A02	50% Open Manual Outdoor Air Damper Package	036-072 <sup>1</sup>	
DNMANDPR002A03	25% Open Manual Outdoor Air Damper Package	090-150 <sup>1</sup>	
CRMANDPR002A02	50% Open Manual Outdoor Air Damper Package	090-150 <sup>1</sup>	

<sup>1</sup> EconoMi\$er IV, Manual Damper and 2-Pos Motorized Damper are all mutually exclusive and cannot be installed together.

#### MOTORIZED OUTDOOR AIR DAMPERS

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	MASTER PRICE
CRTWOPOS010A00	Motorized 2-position outdoor air damper (25-100% Outdoor Air)	036-072 <sup>1</sup>	
CRTWOPOS011A00	Motorized 2-position outdoor air damper	091-150 <sup>1</sup>	

<sup>1</sup> EconoMi\$er IV, Manual Damper and 2-Pos Motorized Damper are all mutually exclusive and cannot be installed together.

#### NOTES:

- Manual dampers include hood assembly, bird screen, adjustable damper blade (to allow up to the rated outdoor air %), and bottom panel with opening.
- Motorized dampers include bottom panel with opening (100% two-position damper includes 30% barometric relief capability), and adjustable damper (to allow up to the rated outdoor air %).
- Motorized dampers will close on loss of power to the rooftop unit.  
Manual and Motorized dampers are not compatible with a vertical power exhaust module



# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

## FIELD INSTALLED ACCESSORIES

### ROOF CURB OPTIONS

#### STANDARD ROOF CURBS

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	MASTER PRICE
CRRFCURB001A01	14-inch Tall Roof Curb. Complies with NRCA standards. Ductwork attaches to the roof curb. Includes thru-the-bottom capability.	036-072	
CRRFCURB003A01	14-inch Tall Roof Curb. Complies with NRCA standards. Ductwork attaches to the roof curb. Includes thru-the-bottom capability.	090-150	
CRRFCURB002A01	24-inch Tall Roof Curb. Complies with NRCA standards. Ductwork attaches to the roof curb. Includes thru-the-bottom capability.	036-072	
CRRFCURB004A01	24-inch Tall Roof Curb. Complies with NRCA standards. Ductwork attaches to the roof curb. Includes thru-the-bottom capability.	090-150	

#### THRU-THE-BOTTOM CONNECTION KITS

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	MASTER PRICE
CRBTMPWR001A01	Thru-the-bottom electrical connections and thru-the-curb (not thru the bottom) gas connections. Includes a 3/4-inch diameter liquid tight conduit fitting for high voltage power wires and (2) 1/2-inch diameter liquid tight conduit fittings for thermostat wires and convenience outlet wires. Includes a 3/4-inch inside pipe coupling and gas plate assembly for thru-the-curb connections. Provides for watertight seals.	036-072	
CRBTMPWR002A01	Thru-the-bottom electrical connections and thru-the-curb (not thru the bottom) gas connections. Includes a 1-1/4-inch diameter liquid tight conduit fitting for high voltage power wires and (2) 1/2-inch diameter liquid tight conduit fittings for thermostat wires and convenience outlet wires. Includes a 3/4-inch inside pipe coupling and gas plate assembly for thru-the-curb connections. Provides for watertight seals.	090-150	
CRBTMPWR003A01	Thru-the bottom power, control and gas connections. Includes a 3/4-inch diameter liquid tight conduit fitting for high voltage power wires, (2) 1/2-inch diameter liquid tight conduits for thermostat wires and convenience outlet wires and 1/2-inch gas adapter fitting for gas piping. Provides for watertight seal.	036-072	
CRBTMPWR004A01	Thru-the bottom power, control and gas connections. Includes a 1-1/4-inch diameter liquid tight conduit fitting for high voltage power wires, (2) 1/2-inch diameter liquid tight conduits for thermostat wires and convenience outlet wires and 3/4-inch gas adapter fitting for gas piping. Provides for watertight seal.	090-150	

**NOTE:** Access to the bottom of the RTU is **required** to install a THRU-THE-BOTTOM Connection Kit. Recommend installing kit **prior** to installing RTU on roof curb.





# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

## FIELD INSTALLED ACCESSORIES

**Table 1. NATURAL GAS & NATURAL GAS LOW NOX HIGH ALTITUDE KITS 036-072 ( 3-6t)**

ELEVATION		Unit Size - Natural Gas				Unit Size - Natural Gas - LOW NO <sub>x</sub>				
N	UNIT SIZE	036	048	060	072	ELEVATION	UNIT SIZE	036	048	060
Ft (m)	Heat Size / Input	CRLPELEV***** Required				Ft (m)	Heat Size / Input	CRLPELEV***** Required		
0 - 2000 (610)	Low / 72,000	Std	Std	Std	Std	0 - 2000 (610)	Low / 60,000	Std	Std	Std
	Med / 115,000	Std	Std	Std	Std		Med / 90,000	Std	Std	Std
	High / 150,000	NA	Std	Std	Std		High / 120,000	NA	Std	Std
2000 (610)	Low / 72,000	001A00				2000 (610)	Low / 60,000	002A00		
	Med / 115,000	001A00					Med / 90,000	001A00		
	High / 150,000	001A00					High / 120,000	001A00		
3000 (914)	Low / 72,000	001A00				3000 (914)	Low / 60,000	001A00		
	Med / 115,000	001A00					Med / 90,000	001A00		
	High / 150,000	001A00					High / 120,000	001A00		
4000 (1219)	Low / 72,000	001A00				4000 (1219)	Low / 60,000	001A00		
	Med / 115,000	001A00					Med / 90,000	001A00		
	High / 150,000	001A00					High / 120,000	001A00		
5000 (1524)	Low / 72,000	001A00				5000 (1524)	Low / 60,000	001A00		
	Med / 115,000	001A00					Med / 90,000	001A00		
	High / 150,000	001A00					High / 120,000	001A00		
6000 (1829)	Low / 72,000	002A00				6000 (1829)	Low / 60,000	001A00		
	Med / 115,000	001A00					Med / 90,000	001A00		
	High / 150,000	001A00					High / 120,000	001A00		
7000 (2134)	Low / 72,000	002A00				7000 (2134)	Low / 60,000	001A00		
	Med / 115,000	001A00					Med / 90,000	001A00		
	High / 150,000	001A00					High / 120,000	001A00		
8000 (2438)	Low / 72,000	002A00				8000 (2438)	Low / 60,000	002A00		
	Med / 115,000	001A00					Med / 90,000	002A00		
	High / 150,000	001A00					High / 120,000	002A00		
9000 (2743)	Low / 72,000	001A00				9000 (2743)	Low / 60,000	002A00		
	Med / 115,000	001A00					Med / 90,000	002A00		
	High / 150,000	001A00					High / 120,000	002A00		
10000 (3048)	Low / 72,000	001A00				10000 (3048)	Low / 60,000	002A00		
	Med / 115,000	001A00					Med / 90,000	002A00		
	High / 150,000	001A00					High / 120,000	002A00		
11000 (3353)	Low / 72,000	001A00				11000 (3353)	Low / 60,000	002A00		
	Med / 115,000	001A00					Med / 90,000	002A00		
	High / 150,000	001A00					High / 120,000	002A00		
12000 (3658)	Low / 72,000	002A00				12000 (3658)	Low / 60,000	002A00		
	Med / 115,000	002A00					Med / 90,000	002A00		
	High / 150,000	002A00					High / 120,000	002A00		
13000 (3962)	Low / 72,000	002A00				13000 (3962)	Low / 60,000	003A00		
	Med / 115,000	002A00					Med / 90,000	003A00		
	High / 150,000	002A00					High / 120,000	003A00		
14000 (4267)	Low / 72,000	002A00				14000 (4267)	Low / 60,000	003A00		
	Med / 115,000	002A00					Med / 90,000	003A00		
	High / 150,000	002A00					High / 120,000	003A00		

<sup>t</sup> Orifice size listed - not a kit - must be purchased separately from FAST.  
See product specification sheets for number required.



# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

## FIELD INSTALLED ACCESSORIES

**Table 2. NATURAL GAS HIGH ALTITUDE KITS  
090 – 150 ( 7.5 – 12.5t) Unit Size**

ELEVATION Ft (m)	UNIT SIZE	090 / 091		101	UNIT SIZE		120 / 121	150
	Heat Size / Input	CRLPELEV/***** Required			Heat Size / Input	CRLPELEV/***** Required		
0 - 2000 (610)	Low / 125,000	Std		Std	Low / 180,000	Std		Std
	Med / 180,000	Std		Std	Med / 224,000	Std		Std
	High / 224,000	Std		Std	High / 250,000	Std		Std
2000 (610)	Low / 125,000	001A00			Low / 180,000	001A00 †30		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
3000 (914)	Low / 125,000	001A00			Low / 180,000	001A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
4000 (1219)	Low / 125,000	001A00			Low / 180,000	001A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
5000 (1524)	Low / 125,000	001A00			Low / 180,000	001A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
6000 (1829)	Low / 125,000	001A00			Low / 180,000	001A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
7000 (2134)	Low / 125,000	001A00			Low / 180,000	001A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
8000 (2438)	Low / 125,000	001A00			Low / 180,000	001A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
9000 (2743)	Low / 125,000	002A00			Low / 180,000	002A00 001A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
10000 (3048)	Low / 125,000	002A00			Low / 180,000	002A00 001A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
11000 (3353)	Low / 125,000	002A00			Low / 180,000	002A00 001A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
12000 (3658)	Low / 125,000	†41			Low / 180,000	†41 002A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
13000 (3962)	Low / 125,000	†42			Low / 180,000	†42 002A00		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			
14000 (4267)	Low / 125,000	†43			Low / 180,000	†43 †40		
	Med / 180,000				Med / 224,000			
	High / 224,000				High / 250,000			

† Orifice size listed - not a kit - must be purchased separately from FAST.  
See product specification sheets for number required.



# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

## FIELD INSTALLED ACCESSORIES

**Table 3. PROPANE GAS, PROPANE GAS LOW NOX, AND PROPANE GAS HIGH ALTITUDE KITS  
036-072 ( 3-6t) Unit Size**

		Unit Size - LP Gas						Unit Size - LP Gas - LOW NO <sub>x</sub>		
ELEVATION	UNIT SIZE	036	048	060	072	ELEVATION	UNIT SIZE	036	048	060
Ft (m)	Heat Size / Input	CRLPELEV***** Required				Ft (m)	Heat Size / Input	CRLPELEV***** Required		
0 - 2000 (610)	Low / 72,000			004A00		0 - 2000 (610)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000	NA			003A00		High / 120,000	NA		003A00
2000 (610)	Low / 72,000			004A00		2000 (610)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
3000 (914)	Low / 72,000			004A00		3000 (914)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
4000 (1219)	Low / 72,000			004A00		4000 (1219)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
5000 (1524)	Low / 72,000			004A00		5000 (1524)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
6000 (1829)	Low / 72,000			004A00		6000 (1829)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
7000 (2134)	Low / 72,000			004A00		7000 (2134)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
8000 (2438)	Low / 72,000			004A00		8000 (2438)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
9000 (2743)	Low / 72,000			004A00		9000 (2743)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
10000 (3048)	Low / 72,000			004A00		10000 (3048)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
11000 (3353)	Low / 72,000			004A00		11000 (3353)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
12000 (3658)	Low / 72,000			004A00		12000 (3658)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
13000 (3962)	Low / 72,000			004A00		13000 (3962)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00
14000 (4267)	Low / 72,000			004A00		14000 (4267)	Low / 60,000			004A00
	Med / 115,000			003A00			Med / 90,000			004A00
	High / 150,000						High / 120,000			004A00

<sup>†</sup> Orifice size listed - not a kit - must be purchased separately from FAST.  
See product specification sheets for number required.



# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

**FIELD INSTALLED ACCESSORIES**  
**Table 4. PROPANE GAS AND PROPANE GAS HIGH ALTITUDE KITS**  
**090-150 ( 7.5-12.5t) Unit Size -**

ELEVATION	UNIT SIZE	090 / 091	101	UNIT SIZE	120 / 121	150
Ft (m)	Heat Size / Input	CRLPELEV***** Required		Heat Size / Input	CRLPELEV***** Required	
0 - 2000 (610)	Low / 125,000 Med / 180,000 High / 224,000	003A00		Low / 180,000 Med / 224,000 High / 250,000	003A00	
2000 (610)	Low / 125,000 Med / 180,000 High / 224,000	003A00		Low / 180,000 Med / 224,000 High / 250,000	003A00	
3000 (914)	Low / 125,000 Med / 180,000 High / 224,000	003A00		Low / 180,000 Med / 224,000 High / 250,000	003A00	
4000 (1219)	Low / 125,000 Med / 180,000 High / 224,000	003A00		Low / 180,000 Med / 224,000 High / 250,000	003A00	
5000 (1524)	Low / 125,000	004A00		Low / 180,000	003A00	
	Med / 180,000 High / 224,000	003A00		Med / 224,000 High / 250,000	003A00	
6000 (1829)	Low / 125,000	004A00		Low / 180,000	003A00	
	Med / 180,000 High / 224,000	003A00		Med / 224,000 High / 250,000	003A00	
7000 (2134)	Low / 125,000	004A00		Low / 180,000	003A00	
	Med / 180,000 High / 224,000	003A00		Med / 224,000 High / 250,000	003A00	
8000 (2438)	Low / 125,000	004A00		Low / 180,000	004A00	
	Med / 180,000 High / 224,000			Med / 224,000 High / 250,000	003A00	
9000 (2743)	Low / 125,000	004A00		Low / 180,000	004A00	
	Med / 180,000 High / 224,000			Med / 224,000 High / 250,000	003A00	
10000 (3048)	Low / 125,000	004A00		Low / 180,000	004A00	
	Med / 180,000 High / 224,000			Med / 224,000 High / 250,000	003A00	
11000 (3353)	Low / 125,000 Med / 180,000 High / 224,000	004A00		Low / 180,000 Med / 224,000 High / 250,000	004A00	
12000 (3658)	Low / 125,000 Med / 180,000 High / 224,000	004A00		Low / 180,000 Med / 224,000 High / 250,000	004A00	
13000 (3962)	Low / 125,000 Med / 180,000 High / 224,000	004A00		Low / 180,000 Med / 224,000 High / 250,000	004A00	
14000 (4267)	Low / 125,000 Med / 180,000 High / 224,000	004A00		Low / 180,000 Med / 224,000 High / 250,000	004A00	



# Commercial Products Matrix

**RGS**  
3 TO 12.5 TONS

## FIELD INSTALLED ACCESSORIES

### LIQUID PROPANE (LP) / HIGH ALTITUDE GAS KITS

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	
CRLPELEV001A00	LP and Hi Altitude conversion kit. Contains spuds sizes 31, 32, 33, 35, and 36 (5 spuds/ size) and other necessary conversion parts. Use this kit to convert Natural Gas rooftops to LP and/or high altitude applications.	All	
CRLPELEV002A00	LP and Hi Altitude conversion kit. Contains spuds sizes 37, 38, 39, 44, and 45 (5 spuds/size) and other necessary conversion parts. Use this kit to convert Natural Gas rooftops to LP and/or high altitude applications.	All	
CRLPELEV003A00	LP and Hi Altitude conversion kit. Contains spuds sizes 46, 47, 48, 49, and 50 (5 spuds/size) and other necessary conversion parts. Use this kit to convert Natural Gas rooftops to LP and/or high altitude applications.	All	
CRLPELEV004A00	LP and Hi Altitude conversion kit. Contains spuds sizes 51, 52, 53, 54, and 55 (5 spuds/size) and other necessary conversion parts. Use this kit to convert Natural Gas rooftops to LP and/or high altitude applications.	All	

### HEATING UPGRADE KITS

ODS ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE	
CRFLUEDS001A00	Flue Discharge Deflector -- Directs flue gas exhaust 90 degrees upward from current discharge. Designed to allow tighter distances between unit and combustible surfaces. 24 inch Height. AGA certified. <sup>1</sup>	All	
CRFLUEHD001A01	Flue Exhaust Heat Shield -- Provides a sheet metal guard around the flue gas hood which prevents service personnel or small children from coming into contact with the flue hood. <sup>1</sup>	All	

<sup>1</sup> CRFLUEDS001A00 and CRFLUEHD001A01 are mutually exclusive. Cannot install both on the same unit.

### CONTROL UPGRADE KITS

ODS ORDERING NUMBER / FAST #	DESCRIPTION	APPLICATION USAGE	
DNSTATUS001A00	Fan/Filter Status Switch - Indicator light not included	Std. Control	
DNTIMEGD001A00	Time Guard II -- Automatically prevents the compressor from restarting for at least 4 minutes and 45 seconds after shutdown of the compressor. Not required when a corporate programmable thermostat is applied or with a PremierLink or RTU-MP control.	All Sizes (1 required)	
DNPHASE3001A02	Phase Monitor Control - Provides phase loss/phase reversal protection	All 3-Ph 208-230 & 460v	
DNWINSTR001A00	Winter Start Package - Contains time delay relay for timed bypass of low pressure switch on startup. <sup>1</sup>	All	
--KA--99ZT-003 / 1178184	Remote keyed attenuator / test / reset station for use with factory installed smoke detectors. Includes power, alarm & trouble indicator lights.	All	



# Commercial Products Matrix

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## FIELD INSTALLED ACCESSORIES LOW AMBIENT CONTROLS

**Motormaster I Usage and Parts Table (036-121 Models)**

UNITS	VOLTAGE	MOTOR	CAPACITOR	MOTORMASTER I CONTROLLER
RGS036-060	208/230-1-60	HC40GE233 FAST# 1171974	See table 5	32LT900301 FAST#
	208/230-3-60 575-3-60*	HC40GE233 FAST# 1171974	Replace with HC91CL010 FAST#	32LT900301 FAST#
	460-3-60	HC40GE463 FAST# 1171975	Replace with HC91CL010 FAST#	32LT900611 FAST#
RGS072	208/230-3-60	HC40GE233 FAST# 1171974	Keep Factory Installed	32LT900301 FAST#
	460-3-60	HC40GE463 FAST# 1171975	Replace with HC91CL010 FAST#	32LT900611 FAST#
	575-3-60*	HC40GE233 FAST# 1171974	Replace with HC91CL010 FAST#	32LT900301 FAST#
RGS091-121 (Single Compressor Units)	208/230-3-60 575-3-60**	(2) HC40GE233 FAST# 1171974	Replace with HC93CA013 FAST#	32LT900301 FAST#
	460-3-60	(2) HC40GE463 FAST# 1171975	Replace with HC93CA013 FAST#	32LT900611 FAST#
RGS090-120 (Dual Compressor Units with Microchannel AI/AI condenser coil)	208/230-3-60 575-3-60**	(2) HC40GE233 FAST# 1171974	Keep Factory Installed	32LT901247 FAST#
	460-3-60	(2) HC40GE463 FAST# 1171975	Keep Factory Installed	32LT901247 FAST#

**Table 5 - Single Phase Unit  
Capacitor Replacement**

UNITS	DUAL MFD*	FAST / RCD PART #
RGS036K	45 + 10	HC98JA048 FAST#
RGS048K	70 + 10	HC98JA073 FAST#
RGS060K	80 + 10	HC98JA083 FAST#

\*Compressor shares capacitor with the OD motor, the first number is for compressors and the second number is for OD motor

The Capacitor Straps in the unit can be reused. If needed part numbers are as follows:  
HC91CL005 / FAST# 1172149 & HC91CL010 / FAST# 1171807 use  
HC98ZY071/FAST# 1171552, and HC93CA013 / FAST# 1175708 uses 50DK507522 /  
FAST# 1171537.

\*Transformer HT01AH856 / FAST# 1178302 (0.75kva, 575v to 230v) and transformer  
bracket 50DK502263 / FAST# 1171069 are recommended.

\*\*Transformer HT01AH859 / FAST# 1171494 (1kva, 575v to 230v) and transformer  
bracket 50DK502263 / FAST# 1171069 are recommended.





# Commercial Products Matrix

**RGS**

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## FIELD INSTALLED ACCESSORIES

### LOW AMBIENT CONTROLS (SIZE 036-121) MASTER PRICES

ODS ORDERING NUMBER / FAST #	DESCRIPTION	APPLICATION USAGE	
AXB035LAA s/a CPLOWAMB001A00	Motormaster® II Low Ambient Control - Enables cooling system to operate down to 0° F by cycling condenser fan on and off. The control is activated by a temperature sensor. No motor change-out required.	208/230-1 208/230-3 460-3-60 All Sizes	
32LT-900---301	Motormaster I Single-Phase Solid-State Variable Speed Motor Controller enables cooling down to -20° F by varying the speed on the condenser fan.	Refer to Motormaster I Usage Table	
32LT-900---611	Motormaster I Single-Phase Solid-State Variable Speed Motor Controller enables cooling down to -20° F by varying the speed on the condenser fan.		
32LT-901---247	Motormaster I Single --Phase Solid-State Variable Speed Motor Controller enables cooling down to -20° F by varying the speed on the condenser fan.	Refer to Motormaster I Usage Table	
32LT-901---647	Motormaster I Single - Phase Solid-State Variable Speed Motor Controller enables cooling down to -20° F by varying the speed on the condenser fan.		
HC40GE233 / 1171974	Motormaster I Compatible Condenser Fan Motor	Refer to Motormaster I Usage Table	
HC40GE463 / 1171975	Motormaster I Compatible Condenser Fan Motor		
HC91CL010 / 171807	MFD 10		
HC93CA013 / 1175708	Dual MFD 10 + 10		
HC98JA048 / 1173702	Dual MFD 45 + 10		
HC98JA073 / 1177750	Dual MFD 70 + 10		
HC98JA083 / 1173703	Dual MFD 80 + 10		

**NOTES:**

\* **FAST List Price - Subject to change on a quarterly basis and should be verified with FAST prior to quoting.**

- Sizes 036-072 require one (1) Low Ambient Controller and one (1) compatible condenser fan motor for changeout.
- Sizes 090-121 require one (1) Low Ambient Controller and one (2) compatible condenser fan motor for changeout.

### LOW AMBIENT CONTROLS (SIZE 150 ONLY) MASTER PRICES

ODS ORDERING NUMBER / FAST#	DESCRIPTION	APPLICATION USAGE	
HD52AK002 / 1178268	Outdoor Fan Motor - Required on units with Motormaster V	150 Size 208/230-3-60 460-3-60	
HD52GE577 / 1178269	Outdoor Fan Motor - Required on units with Motormaster V	150 Size 575-3-60	
CRLOWAMB030A00	Motormaster® V Low Ambient Kit. Mechanical cooling operation down to -20° F (- 29° C)	150 Size 208/230-3-60	
CRLOWAMB031A00	Motormaster® V Low Ambient Kit. Mechanical cooling operation down to -20° F (- 29° C)	150 Size 460-3-60	
CRLOWAMB032A00	Motormaster® V Low Ambient Kit. Mechanical cooling operation down to -20° F (- 29° C).	150 Size 575-3-60	

- FAST / RCD List Price - Subject to change on a quarterly basis and should be verified with RCD prior to quoting.