TECHNICAL GUIDE

RAC SERIES

SPLIT-SYSTEM AIR CONDITIONERS

13 SEER – R-410A – 1 PHASE

1.5 THRU 5 NOMINAL TONS

MODELS: RAC13J18 THRU 60

Due to continuous product improvement, specifications are subject to change without notice.

Visit us on the web at
www.upgnet.com

Additional rating information can be found at:
www.ahridirectory.org

WARRANTY SUMMARY*

Standard 5-Years limited parts warranty.
Standard 5-Years limited compressor warranty.
Extended 10-Years limited parts and compressor warranty when product is registered online within 90 days of purchase for replacement or closing for new home construction.
*Does not apply to R-22 models, 3-Phase models, or internet sales.
See Limited Warranty certificate in User's Information Manual for details.

DESCRIPTION

The 13 SEER Series unit is the outdoor part of a versatile climate system. It is designed with a matching indoor coil component from Johnson Controls Unitary Products. Available for typical applications this climate system is supported with accessories and documents to serve specific functions.

FEATURES

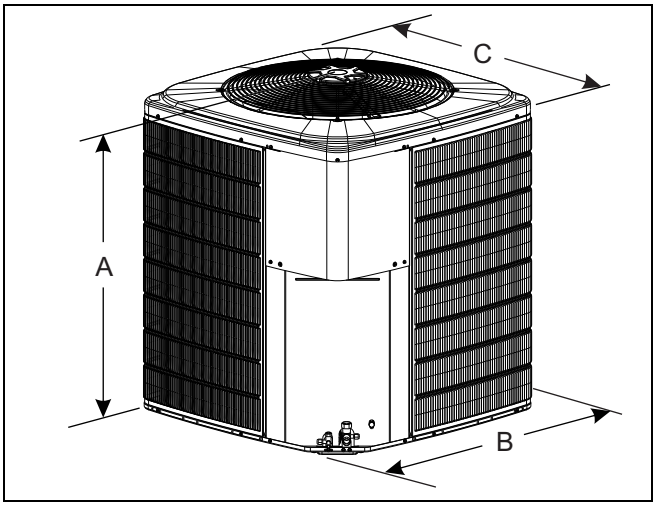
- **Small Footprint** - Extremely lightweight with a compact footprint, it is a perfect fit for any application.
- **Quality Condenser Coils -** The coil is constructed of aluminum microchannel tubing and enhanced aluminum fins for reduced size and increased efficiency.
- **Coil Protection** - Coils are protected from damage by a slotted, stamped steel coil guard.
- **Optional Factory E-Coat -** Available coated coil on select models.
- **Protected Compressor -** Compressors are protected internally by a high pressure relief valve and a temperature sensor, and externally by the system high pressure switch. A factory installed liquid line filter-drier further protects the compressor against moisture and debris.
- **Environmentally Friendly Refrigerant -** The R-410A refrigerant delivers environmentally friendly performance with zero ozone depletion.
- **Durable Finish -** An automotive quality finish provides the ultimate protection from harmful UV rays and rust-creep, ensuring a long-lasting, high quality apprearance. A powder paint top coat is applied over a baked on primer using a galvanized, zinc coated steel base material.
- **Lower Installed Cost -** Installation time and costs are reduced by easy power and control wiring connections. The unit is factory charged for a 15-foot lineset. The small base dimension means less space is required on the ground or roof.
- **Top Discharge -** Warm air from the top mounted fan is blown up, away fro0m the structure and any landscaping. This allows compact location on multi-unit applications.
- **Low Operating Sound Levels -** The upward air flow carries the normal operating noise away from the living area. The rigid top panel effectively isolates any motor sound. Isolator mounted compressor and the condenser coil muffle the normal fan motor and compressor operating sounds.
- **Low Maintenance -** Long life, permanently lubricated motor-bearings need no annual servicing.
- **Easy Service Access -** Fully exposed refrigerant connections and a single panel covering the electrical controls make for easy servicing of the unit.
- **Secured Service Valves -** Secured, re-usable service valves are provided on both the liquid and vapor sweat connections for ease of evacuating and charging.
- **Agency Listed -** Safety certified by CSA to UL 1995 / CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.

Physical and Electrical Data

MODEL		RAC13J18 4S21(E)	RAC13J24 4S21(E)	RAC13J30 4S21(E)	RAC13J36 4S21(E)	RAC13J42 4S21(E)	RAC13J48 4S21(E)	RAC13J60 4S21(E)
Unit Supply Voltage		208-230V, 1ϕ, 60Hz						
Normal Voltage Range [1]		187 to 252						
Minimum Circuit Ampacity		10.0	12.4	14.7	17.9	21.5	21.1	34.5
Max. Overcurrent Device Amps [2]		15	20	25	30	35	35	60
Min. Overcurrent Device Amps [3]		15	15	15	20	25	25	35
Compressor Amps	Type	Rotary	Recip	Recip	Recip	Recip	Recip	Scroll
	Rated Load	7.6	9.3	10.6	13.1	16	15.7	26.4
	Locked Rotor	40	43	54	74	88	84	134
Crankcase Heater		No	No	No	No	No	No	No
Factory External Discharge Muffler		No	No	No	No	No	Yes	No
Factory External Check Valve		No	No	No	No	No	No	No
HS Kit Required with TXV [4]		Yes	Yes	Yes	Yes	Yes	Yes	No
Fan Diameter Inches		17.5	17.5	17.5	22.0	22.0	22.0	24.0
Fan Motor	Rated HP	1/12	1/8	1/4	1/4	1/4	1/4	1/4
	Rated Load Amps	0.5	0.8	1.4	1.5	1.5	1.5	1.5
	Nominal RPM	1100	1075	1100	850	850	850	850
	Nominal CFM	1400	1950	2050	3200	3050	2950	3400
Coil	Face Area Sq. Ft.	9.60	9.60	9.60	13.07	14.16	14.16	18.68
	Rows Deep	1	1	1	1	1	1	1
	Fins / Inch	23	23	23	23	23	23	23
Liquid Line Set OD (Field Installed)		3/8	3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line Set OD (Field Installed)		5/8*	3/4	3/4	3/4	7/8	7/8	7/8
Unit Charge (Lbs. - Oz.) [5]		3 - 3	3 - 13	3 - 14	4 - 9	4 - 10	4 - 9	5 - 8
Charge Per Foot, Oz.		0.58	0.62	0.62	0.62	0.67	0.67	0.67
Operating Weight Lbs.		97	129	131	145	164	173	220

Models with "E" on the end of the model number have E-Coated coils.

1. Rated in accordance with AHRI Standard 110-2012, utilization range "A".
2. Dual element fuses or HACR circuit breaker. Maximum allowable overcurrent protection.
3. Dual element fuses or HACR circuit breaker. Minimum recommended overcurrent protection.
4. See Hard Start Kit Accessory Installation Manual for Hard Start Kit part number for each model.
5. The Unit Charge is correct for the outdoor unit, smallest matched indoor unit, and 15 feet of refrigerant tubing. For tubing lengths other than 15 feet, add or subtract the amount of refrigerant, using the difference in actual lineset length (not equivalent length) multiplied by the per foot value.



Unit Model	Dimensions (Inches)			Refrigerant Connection Service Valve Size	
	A	B	C	Liquid	Vapor
18	28-1/4	24	24	3/8	3/4*
24	28-1/4	24	24		3/4
30	28-1/4	24	24		
36	28-1/4	29-1/2	29-1/2		
42	30-1/4	29-1/2	29-1/2		7/8
48	30-1/4	29-1/2	29-1/2		
60	32-1/4	34	34		

* Adapter fitting must be field installed for the required 5/8" line set.

All dimensions are in inches and are subject to change without notice.

Overall height is from bottom of basepan to top of fan guard.

Overall length and width include screw heads.

System Charge for Various Matched Systems							
Outdoor Unit	RAC13J18 4S21(E)	RAC13J24 4S21(E)	RAC13J30 4S21(E)	RAC13J36 4S21(E)	RAC13J42 4S21(E)	RAC13J48 4S21(E)	RAC13J60 4S21(E)
Required Orifice or TXV [1,2]	0.048/4F1	0.055/4F1	0.061/4F1	0.065/4G1	0.073/4G1	0.073/4H1	0.084/4J1
Indoor Unit [3,4,5]	**Additional Charge, oz.**						
RFCX18BE	0	–	–	–	–	–	–
RFCX24BE	–	4	–	–	–	–	–
RFCX30BE	–	4	0	–	–	–	–
RFCX36CE	–	4	2	0	–	–	–
RFCX42DE	–	–	–	8	10	–	–
RFCX48DE	–	–	–	–	9	0	–
RFCX60DE	–	–	–	–	14	–	4
RFCX18BP	0	–	–	–	–	–	–
RFCX24BP	–	4	–	–	–	–	–
RFCX30BP	–	–	0	–	–	–	–
RFCX36BP	–	–	2	0	–	–	–
RFCX42CP	–	–	–	8	10	–	–
RFCX48DP	–	–	–	–	9	0	–
RFCX60DP	–	–	–	–	15	–	4
FC/MC/PC18	0	–	–	–	–	–	–
FC/MC/PC32	–	4	0	–	–	–	–
FC/MC/PC35	–	4	0	–	–	–	–
FC/MC/PC36	–	0	–	–	–	–	–
FC/MC/PC37	–	4	2	0	–	–	–
FC/MC/PC43	–	4	2	0	0	–	–
FC/MC/PC48	–	–	–	8	10	4	–
FC/MC/PC60	–	–	–	–	9	0	0
FC/MC62	–	–	–	–	14	–	4
FC64	–	–	–	–	23	–	11
UC18	0	–	–	–	–	–	–
UC36	–	0	–	–	–	–	–
UC48	–	–	–	8	4	4	–
UC60	–	–	–	–	9	0	0
Some of the combinations shown in the above System Charge table require Advanced Main Air Circulating Fan indoor product. For approved coil only matches, please see the “COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils” table.							

FOOTNOTES:

1. For applications requiring a TXV use S1-1TVM*** series kit.
2. Approved orifice(s) shipped with outdoor unit.
3. Systems matched with furnaces or air handlers not equipped with blower-off delays may require blower Time Delay Kit S1-2FD06700224.
4. PC coils cannot be used in downflow or horizontal applications. FC coils cannot be used in horizontal applications.
5. Refer to Cooling Performance Data tables for actual system performance for specified system matches.

PROCEDURES:

1. Unit factory charge listed on the unit nameplate includes refrigerant for the outdoor unit, the smallest matched indoor unit, and 15 feet of interconnecting line tubing.
2. Verify the TXV or orifice and additional charge required for specific matched indoor unit in the system using the above table.
3. Add additional charge for the amount of interconnecting line tubing greater than 15 feet at the rate specified in Physical and Electrical Data Table.
4. For indoor matches requiring additional charge, the refrigerant needs to be weighed in for specific matched indoor unit and actual lineset length.
5. Permanently mark the unit nameplate with the total system charge. Total System Charge = Base Charge (as shipped) + charge adder for matched indoor unit + charge adder for actual lineset length.

IMPORTANT

Models 12-48 require Hard Start Kits for TXV matches. Refer to the Hard Start Kit Accessory Installation Manual for the Hard Start Kit part number for each model.

COOLING CAPACITY - With Air Handler Coils

UNIT MODEL	AIR HANDLER		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
13 SEER AC WITH AIR HANDLERS								
RAC13J184S21(E)	RFCX18BE	17.5	–	610	17.9	13.8	14.75	12.25
	RFCX18BP	17.5	–	665	17.8	13.8	13.00	11.00
RAC13J244S21(E)	RFCX24BE	17.5	–	795	24.4	17.4	14.50	12.00
	RFCX24BP	17.5	–	740	23.8	16.5	13.00	11.00
	RFCX30BE	17.5	–	795	24.4	17.4	14.50	12.00
	RFCX36CE	21.0	–	855	25.2	18.5	15.00	12.50
RAC13J304S21(E)	RFCX30BE	17.5	–	985	29.4	21.4	14.00	11.75
	RFCX30BP	17.5	–	1095	29.4	22.2	13.00	11.00
	RFCX36BP	17.5	–	1060	29.8	22.0	13.00	11.00
	RFCX36CE	21.0	–	1000	30.2	22.0	14.75	12.25
RAC13J364S21(E)	RFCX36BP	17.5	–	1245	34.6	24.6	13.00	11.00
	RFCX36CE	21.0	–	1190	35.6	25.4	14.25	12.00
	RFCX42CP	21.0	–	1230	35.6	25.4	13.00	11.25
	RFCX42DE	24.5	–	1180	35.8	25.8	14.50	12.25
RAC13J424S21(E)	RFCX42CP	21.0	–	1485	42.0	30.8	13.00	11.00
	RFCX42DE	24.5	–	1385	42.0	30.6	14.25	12.00
	RFCX48DE	24.5	–	1385	42.0	30.4	14.00	12.00
	RFCX48DP	24.5	–	1320	41.0	28.8	13.00	11.00
	RFCX60DE	24.5	–	1390	42.0	31.0	14.50	12.00
	RFCX60DP	24.5	–	1350	42.0	30.2	13.00	11.00
RAC13J484S21(E)	RFCX48DE	24.5	–	1600	47.0	34.6	13.75	11.50
	RFCX48DP	24.5	–	1610	48.0	34.6	13.00	11.00
RAC13J604S21(E)	RFCX60DE	24.5	–	1835	56.5	41.1	13.50	11.50
	RFCX60DP	24.5	–	1620	55.0	39.1	13.00	11.00

Rated in accordance with DOE test procedures (Federal Register 12-27-79 and 3-18-88) and ANSI/AHRI Standard 210/240.
Cooling MBH based on 80°F entering air temperature, 50% RH (Relative Humidity), and rated air flow.
EER (Energy Efficiency Ratio) is the total cooling output in BTUs at 95°F outdoor ambient divided by the total electric power in watt-hours at those conditions.
SEER (Seasonal Energy Efficiency Ratio) is the total cooling output in BTUs during a normal annual usage period for cooling divided by the total electric power input in watt-hours during the same period.

1. MC coils available with a factory installed horizontal drain pan. See price pages for specific model number.

— = Not applicable.
MA Modular Air Handlers use Coil Only Ratings.

COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils (Coil Only Ratings)

UNIT MODEL	COIL		CFM RANGE (MIN.-MAX.)	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER [1]	EER
					TOTAL	SENS.		
13 SEER AC COIL ONLY RATINGS								
RAC13J184S21(E)	FC/MC/PC18	14.5,17.5	450-750	600	17.5	12.9	13.00	11.00
	UC18	14.5,17.5	450-750	600	17.5	12.9	13.00	11.00
RAC13J244S21(E)	FC/MC/PC32	14.5	600-1000	800	24.0	16.7	13.00	11.00
	FC/MC/PC35	17.5,21.0	600-1000	800	24.0	16.7	13.00	11.00
	FC/MC/PC36	14.5,17.5,21.0	600-1000	800	24.0	16.7	13.00	11.00
	FC/MC/PC37	14.5	600-1000	800	24.0	16.7	13.00	11.00
	FC/MC/PC43	17.5,21.0	600-1000	800	24.0	16.7	13.00	11.00
	UC36	14.5,17.5,21.0	600-1000	800	24.0	16.7	13.00	11.00
RAC13J304S21(E)	FC/MC/PC32	14.5	800-1200	1000	29.0	21.0	13.00	11.00
	FC/MC/PC35	17.5,21.0	800-1200	1000	29.0	21.0	13.00	11.00
	FC/MC/PC37	14.5	800-1200	1000	29.0	21.0	13.00	11.00
	FC/MC/PC43	17.5,21.0	800-1200	1000	29.0	21.0	13.00	11.00
RAC13J364S21(E)	FC/MC/PC37	14.5	1000-1400	1200	35.0	24.8	13.00	11.00
	FC/MC/PC43	17.5,21.0	1000-1400	1200	35.0	24.8	13.00	11.00
	FC/MC/PC48	21.0,24.5	1000-1400	1200	35.0	24.8	13.00	11.00
	UC48	21.0,24.5	1000-1400	1200	35.0	24.8	13.00	11.00
RAC13J424S21(E)	FC/MC/PC43	17.5,21.0	1200-1600	1400	41.5	29.8	13.00	11.00
	FC/MC/PC48	21.0,24.5	1200-1600	1400	42.0	30.0	13.00	11.00
	FC/MC/PC60	21.0,24.5	1200-1600	1400	41.5	29.6	13.00	11.00
	FC/MC62	24.5	1200-1600	1400	42.0	30.4	13.00	11.00
	FC64	24.5	1200-1600	1400	42.0	30.8	13.25	11.25
	UC48	21.0,24.5	1200-1600	1400	42.0	30.0	13.00	11.00
RAC13J484S21(E)	FC/MC/PC48	21.0,24.5	1400-1800	1600	48.0	34.4	13.00	11.00
	FC/MC/PC60	21.0,24.5	1400-1800	1600	48.0	34.4	13.00	11.00
	UC48	21.0,24.5	1400-1800	1600	48.0	34.4	13.00	11.00
	UC60	21.0,24.5	1400-1800	1600	48.0	34.4	13.00	11.00
RAC13J604S21(E)	FC/MC/PC60	21.0,24.5	1600-2000	1800	55.0	39.1	13.00	11.00
	FC/MC62	24.5	1600-2000	1800	55.5	40.1	13.00	11.00
	FC64	24.5	1600-2000	1800	57.5	42.1	13.50	11.25
	UC60	21.0,24.5	1600-2000	1600	53.5	37.0	13.00	10.75

1. Requires a S1-2FD06700224 Blower Time Delay unless a standard furnace is equipped with one.

MA Modular Air Handlers use Coil Only Ratings.

Furnaces that are listed individually in the above table, such as the RGF1L*P, RGF19*P, and RGF1L*E use Coil Only Ratings.

COOLING CAPACITY - With High Efficiency Motor Furnaces

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
13 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES[2]								
RAC13J184S21(E)	RGF19060BE12MP11	17.5	FC/MC/PC18B	600	17.7	13.3	14.15	12.35
	RGF19060BE12MP11	17.5	UC18B	600	17.9	13.4	14.30	12.25
	RGF19080BE12MP11	17.5	FC/MC/PC18B	600	17.7	13.3	14.15	12.35
	RGF19080BE12MP11	17.5	UC18B	600	17.9	13.4	14.30	12.25
	RGF19060BE12MP12	17.5	FC/MC/PC18B	600	17.7	13.3	14.15	12.35
	RGF19060BE12MP12	17.5	UC18B	600	17.9	13.4	14.30	12.25
	RGF19080BE12MP12	17.5	FC/MC/PC18B	600	17.7	13.3	14.15	12.35
	RGF19080BE12MP12	17.5	UC18B	600	17.9	13.4	14.30	12.25
	RGF1L060AE12MP11	14.5	FC/MC/PC18A	600	17.8	13.4	14.40	12.50
	RGF1L060AE12MP11	14.5	UC18A	600	17.9	13.5	14.50	12.25
	RGF1L080BE12MP11	17.5	FC/MC/PC18B	600	17.8	13.3	14.30	12.50
	RGF1L080BE12MP11	17.5	UC18B	600	17.9	13.5	14.45	12.25
RAC13J244S21(E)	RGF19060BE12MP11	17.5	FC/MC/PC35B	800	24.4	17.3	13.50	11.75
	RGF19060BE12MP11	17.5	FC/MC/PC36B	800	24.2	17.2	13.80	12.00
	RGF19060BE12MP11	17.5	FC/MC/PC43B	800	24.6	17.6	13.75	11.75
	RGF19060BE12MP11	17.5	UC36B	800	23.8	16.9	13.25	11.50
	RGF19080BE12MP11	17.5	FC/MC/PC35B	800	24.4	17.3	13.50	11.75
	RGF19080BE12MP11	17.5	FC/MC/PC36B	800	24.2	17.2	13.80	12.00
	RGF19080BE12MP11	17.5	FC/MC/PC43B	800	24.6	17.6	13.75	11.75
	RGF19080BE12MP11	17.5	UC36B	800	23.8	16.9	13.25	11.50
	RGF19080CE16MP11	21.0	FC/MC/PC35C	800	24.2	17.2	13.60	11.85
	RGF19080CE16MP11	21.0	FC/MC/PC36C	800	24.2	17.1	13.55	11.80
	RGF19080CE16MP11	21.0	FC/MC/PC43C	800	24.4	17.5	13.50	11.50
	RGF19100CE16MP11	21.0	FC/MC/PC35C	800	24.2	17.2	13.60	11.85
	RGF19100CE16MP11	21.0	FC/MC/PC36C	800	24.2	17.1	13.55	11.80
	RGF19100CE16MP11	21.0	FC/MC/PC43C	800	24.4	17.5	13.50	11.50
	RGF19100CE20MP11	21.0	FC/MC/PC35C	800	24.6	17.4	14.00	12.00
	RGF19100CE20MP11	21.0	FC/MC/PC36C	800	24.4	17.3	14.00	12.00
	RGF19100CE20MP11	21.0	FC/MC/PC43C	800	24.8	17.7	14.25	12.00
	RGF19100CE20MP11	21.0	UC36C	800	24.0	17.0	13.75	11.75
	RGF19060BE12MP12	17.5	FC/MC/PC35B	800	24.4	17.3	13.50	11.75
	RGF19060BE12MP12	17.5	FC/MC/PC36B	800	24.2	17.2	13.80	12.00
	RGF19060BE12MP12	17.5	FC/MC/PC43B	800	24.6	17.6	13.75	11.75
	RGF19060BE12MP12	17.5	UC36B	800	23.8	16.9	13.25	11.50
	RGF19080BE12MP12	17.5	FC/MC/PC35B	800	24.4	17.3	13.50	11.75
	RGF19080BE12MP12	17.5	FC/MC/PC36B	800	24.2	17.2	13.80	12.00
	RGF19080BE12MP12	17.5	FC/MC/PC43B	800	24.6	17.6	13.75	11.75
	RGF19080BE12MP12	17.5	UC36B	800	23.8	16.9	13.25	11.50
	RGF19080CE16MP12	21.0	FC/MC/PC35C	800	24.2	17.2	13.60	11.85
	RGF19080CE16MP12	21.0	FC/MC/PC36C	800	24.2	17.1	13.55	11.80
	RGF19080CE16MP12	21.0	FC/MC/PC43C	800	24.4	17.5	13.50	11.50
	RGF19100CE16MP12	21.0	FC/MC/PC35C	800	24.2	17.2	13.60	11.85
	RGF19100CE16MP12	21.0	FC/MC/PC36C	800	24.2	17.1	13.55	11.80
	RGF19100CE16MP12	21.0	FC/MC/PC43C	800	24.4	17.5	13.50	11.50
	RGF19100CE20MP12	21.0	FC/MC/PC35C	800	24.6	17.4	14.00	12.00
	RGF19100CE20MP12	21.0	FC/MC/PC36C	800	24.4	17.3	14.00	12.00
	RGF19100CE20MP12	21.0	FC/MC/PC43C	800	24.8	17.7	14.25	12.00
	RGF19100CE20MP12	21.0	UC36C	800	24.0	17.0	13.75	11.75
	RGF1L060AE12MP11	14.5	FC/MC/PC32A	800	24.6	17.4	14.00	12.00
	RGF1L060AE12MP11	14.5	FC/MC/PC36A	775	24.6	17.4	14.25	12.25

For notes see Page 11.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
13 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES[2]								
RAC13J244S21(E)	RGF1L060AE12MP11	14.5	FC/MC/PC37A	800	24.8	17.7	14.25	12.25
	RGF1L060AE12MP11	14.5	UC36A	775	24.2	17.1	14.00	12.25
	RGF1L080BE12MP11	17.5	FC/MC/PC35B	750	24.0	16.9	14.00	12.00
	RGF1L080BE12MP11	17.5	FC/MC/PC36B	775	24.6	17.4	14.25	12.25
	RGF1L080BE12MP11	17.5	FC/MC/PC43B	775	24.8	17.8	14.50	12.50
	RGF1L080BE12MP11	17.5	UC36B	775	24.0	17.1	14.00	12.00
	RGF1L080CE16MP11	21.0	FC/MC/PC35C	800	24.4	17.3	13.50	11.75
	RGF1L080CE16MP11	21.0	FC/MC/PC36C	750	24.4	17.0	14.50	12.50
	RGF1L080CE16MP11	21.0	FC/MC/PC43C	800	24.6	17.6	13.75	11.75
	RGF1L080CE16MP11	21.0	UC36C	750	24.2	17.2	14.50	12.25
	RGF1L100CE16MP11	21.0	FC/MC/PC35C	800	24.4	17.3	13.50	11.75
	RGF1L100CE16MP11	21.0	FC/MC/PC36C	750	24.4	17.0	14.50	12.50
	RGF1L100CE16MP11	21.0	FC/MC/PC43C	800	24.6	17.6	13.75	11.75
	RGF1L100CE16MP11	21.0	UC36C	750	24.2	17.2	14.50	12.25
	RGF1L100CE20MP11	21.0	FC/MC/PC35C	800	24.4	17.3	13.25	11.50
	RGF1L100CE20MP11	21.0	FC/MC/PC36C	800	24.2	17.2	13.25	11.50
	RGF1L100CE20MP11	21.0	FC/MC/PC43C	800	24.6	17.5	13.75	11.75
	RGF1L100CE20MP11	21.0	UC36C	800	23.8	16.8	13.25	11.25
	RGF1L120CE20MP11	21.0	FC/MC/PC35C	800	24.4	17.3	13.25	11.50
	RGF1L120CE20MP11	21.0	FC/MC/PC36C	800	24.2	17.2	13.25	11.50
	RGF1L120CE20MP11	21.0	FC/MC/PC43C	800	24.6	17.5	13.75	11.75
	RGF1L120CE20MP11	21.0	UC36C	800	23.8	16.8	13.25	11.25
RAC13J304S21(E)	RGF19060BE12MP11	17.5	FC/MC/PC35B	950	28.8	20.7	14.00	11.85
	RGF19060BE12MP11	17.5	FC/MC/PC43B	950	29.2	21.3	13.80	11.75
	RGF19080BE12MP11	17.5	FC/MC/PC35B	950	28.8	20.7	14.00	11.85
	RGF19080BE12MP11	17.5	FC/MC/PC43B	950	29.2	21.3	13.80	11.75
	RGF19080CE16MP11	21.0	FC/MC/PC35C	1000	29.4	21.7	14.00	12.00
	RGF19080CE16MP11	21.0	FC/MC/PC43C	1000	29.6	22.1	14.25	12.00
	RGF19100CE16MP11	21.0	FC/MC/PC35C	1000	29.4	21.7	14.00	12.00
	RGF19100CE16MP11	21.0	FC/MC/PC43C	1000	29.6	22.1	14.25	12.00
	RGF19100CE20MP11	21.0	FC/MC/PC35C	1000	29.0	21.3	13.25	11.25
	RGF19100CE20MP11	21.0	FC/MC/PC43C	1000	29.4	21.7	13.80	11.65
	RGF19060BE12MP12	17.5	FC/MC/PC35B	950	28.8	20.7	14.00	11.85
	RGF19060BE12MP12	17.5	FC/MC/PC43B	950	29.2	21.3	13.80	11.75
	RGF19080BE12MP12	17.5	FC/MC/PC35B	950	28.8	20.7	14.00	11.85
	RGF19080BE12MP12	17.5	FC/MC/PC43B	950	29.2	21.3	13.80	11.75
	RGF19080CE16MP12	21.0	FC/MC/PC35C	1000	29.4	21.7	14.00	12.00
	RGF19080CE16MP12	21.0	FC/MC/PC43C	1000	29.6	22.1	14.25	12.00
	RGF19100CE16MP12	21.0	FC/MC/PC35C	1000	29.4	21.7	14.00	12.00
	RGF19100CE16MP12	21.0	FC/MC/PC43C	1000	29.6	22.1	14.25	12.00
	RGF19100CE20MP12	21.0	FC/MC/PC35C	1000	29.0	21.3	13.25	11.25
	RGF19100CE20MP12	21.0	FC/MC/PC43C	1000	29.4	21.7	13.80	11.65
	RGF1L060AE12MP11	14.5	FC/MC/PC32A	1025	28.8	21.3	13.05	11.00
	RGF1L060AE12MP11	14.5	FC/MC/PC37A	1025	29.0	21.7	13.35	11.30
	RGF1L080BE12MP11	17.5	FC/MC/PC35B	950	28.8	20.7	14.00	11.50
	RGF1L080BE12MP11	17.5	FC/MC/PC43B	975	29.6	21.9	14.25	12.00
	RGF1L080CE16MP11	21.0	FC/MC/PC35C	975	29.6	21.7	14.25	12.00
	RGF1L080CE16MP11	21.0	FC/MC/PC43C	950	29.4	21.5	14.25	12.00
	RGF1L100CE16MP11	21.0	FC/MC/PC35C	975	29.6	21.7	14.25	12.00
	RGF1L100CE16MP11	21.0	FC/MC/PC43C	950	29.4	21.5	14.25	12.00
	RGF1L100CE20MP11	21.0	FC/MC/PC35C	1000	29.4	21.7	14.25	12.00

For notes see Page 11.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
13 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES[2]								
RAC13J304S21(E)	RGF1L100CE20MP11	21.0	FC/MC/PC43C	1000	29.6	22.1	14.50	12.00
	RGF1L120CE20MP11	21.0	FC/MC/PC35C	1000	29.4	21.7	14.25	12.00
	RGF1L120CE20MP11	21.0	FC/MC/PC43C	1000	29.6	22.1	14.50	12.00
RAC13J364S21(E)	RGF19060BE12MP11	17.5	FC/MC/PC43B	1125	34.8	24.3	13.25	11.50
	RGF19080BE12MP11	17.5	FC/MC/PC43B	1125	34.8	24.3	13.25	11.50
	RGF19080CE16MP11	21.0	FC/MC/PC43C	1175	35.0	24.5	13.75	11.75
	RGF19080CE16MP11	21.0	FC/MC/PC48C	1150	35.2	24.9	13.75	12.00
	RGF19080CE16MP11	21.0	FC/MC/PC48D	1175	35.0	24.9	13.75	12.00
	RGF19080CE16MP11	21.0	UC48C	1150	35.0	25.1	13.75	12.00
	RGF19080CE16MP11	21.0	UC48D	1175	35.0	25.1	13.75	12.00
	RGF19100CE16MP11	21.0	FC/MC/PC43C	1175	35.0	24.5	13.75	11.75
	RGF19100CE16MP11	21.0	FC/MC/PC48C	1150	35.2	24.9	13.75	12.00
	RGF19100CE16MP11	21.0	FC/MC/PC48D	1175	35.0	24.9	13.75	12.00
	RGF19100CE16MP11	21.0	UC48C	1150	35.0	25.1	13.75	12.00
	RGF19100CE16MP11	21.0	UC48D	1175	35.0	25.1	13.75	12.00
	RGF19100CE20MP11	21.0	FC/MC/PC43C	1150	35.0	24.5	13.75	12.00
	RGF19100CE20MP11	21.0	FC/MC/PC48C	1150	35.2	24.9	13.75	12.00
	RGF19100CE20MP11	21.0	FC/MC/PC48D	1175	35.2	25.1	13.75	12.00
	RGF19100CE20MP11	21.0	UC48C	1150	35.2	25.1	13.75	12.00
	RGF19100CE20MP11	21.0	UC48D	1175	35.2	25.1	13.75	12.00
	RGF19120DE20MP11	24.5	FC/MC/PC48D	1175	35.2	25.1	14.00	12.00
	RGF19120DE20MP11	24.5	UC48D	1175	35.2	25.1	14.00	12.00
	RGF19060BE12MP12	17.5	FC/MC/PC43B	1125	34.8	24.3	13.25	11.50
	RGF19080BE12MP12	17.5	FC/MC/PC43B	1125	34.8	24.3	13.25	11.50
	RGF19080CE16MP12	21.0	FC/MC/PC43C	1175	35.0	24.5	13.75	11.75
	RGF19080CE16MP12	21.0	FC/MC/PC48C	1150	35.2	24.9	13.75	12.00
	RGF19080CE16MP12	21.0	FC/MC/PC48D	1175	35.0	24.9	13.75	12.00
	RGF19080CE16MP12	21.0	UC48C	1150	35.0	25.1	13.75	12.00
	RGF19080CE16MP12	21.0	UC48D	1175	35.0	25.1	13.75	12.00
	RGF19100CE16MP12	21.0	FC/MC/PC43C	1175	35.0	24.5	13.75	11.75
	RGF19100CE16MP12	21.0	FC/MC/PC48C	1150	35.2	24.9	13.75	12.00
	RGF19100CE16MP12	21.0	FC/MC/PC48D	1175	35.0	24.9	13.75	12.00
	RGF19100CE16MP12	21.0	UC48C	1150	35.0	25.1	13.75	12.00
	RGF19100CE16MP12	21.0	UC48D	1175	35.0	25.1	13.75	12.00
	RGF19100CE20MP12	21.0	FC/MC/PC43C	1150	35.0	24.5	13.75	12.00
	RGF19100CE20MP12	21.0	FC/MC/PC48C	1150	35.2	24.9	13.75	12.00
	RGF19100CE20MP12	21.0	FC/MC/PC48D	1175	35.2	25.1	13.75	12.00
	RGF19100CE20MP12	21.0	UC48C	1150	35.2	25.1	13.75	12.00
	RGF19100CE20MP12	21.0	UC48D	1175	35.2	25.1	13.75	12.00
	RGF19120DE20MP12	24.5	FC/MC/PC48D	1175	35.2	25.1	14.00	12.00
	RGF19120DE20MP12	24.5	UC48D	1175	35.2	25.1	14.00	12.00
	RGF1L060AE12MP11	14.5	FC/MC/PC37A	1125	34.8	24.3	13.30	11.50
	RGF1L080BE12MP11	17.5	FC/MC/PC43B	1175	34.8	24.3	13.30	11.50
	RGF1L080CE16MP11	21.0	FC/MC/PC43C	1150	35.0	24.7	14.00	12.00
	RGF1L080CE16MP11	21.0	FC/MC/PC48C	1150	35.2	25.1	14.00	12.00
	RGF1L080CE16MP11	21.0	FC/MC/PC48D	1175	35.2	25.1	14.00	12.25
	RGF1L080CE16MP11	21.0	UC48C	1150	35.2	25.1	14.00	12.00
	RGF1L080CE16MP11	21.0	UC48D	1175	35.2	25.1	14.00	12.25
	RGF1L100CE16MP11	21.0	FC/MC/PC43C	1150	35.0	24.7	14.00	12.00
	RGF1L100CE16MP11	21.0	FC/MC/PC48C	1150	35.2	25.1	14.00	12.00
	RGF1L100CE16MP11	21.0	FC/MC/PC48D	1175	35.2	25.1	14.00	12.25

For notes see Page 11.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
13 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES[2]								
RAC13J364S21(E)	RGF1L100CE16MP11	21.0	UC48C	1150	35.2	25.1	14.00	12.00
	RGF1L100CE16MP11	21.0	UC48D	1175	35.2	25.1	14.00	12.25
	RGF1L100CE20MP11	21.0	FC/MC/PC43C	1200	35.4	25.5	13.80	12.00
	RGF1L100CE20MP11	21.0	FC/MC/PC48C	1200	35.8	25.7	14.00	12.25
	RGF1L100CE20MP11	21.0	FC/MC/PC48D	1200	35.8	25.7	14.00	12.25
	RGF1L100CE20MP11	21.0	UC48C	1200	35.2	25.1	13.75	12.00
	RGF1L100CE20MP11	21.0	UC48D	1200	35.2	25.1	13.75	12.00
	RGF1L120CE20MP11	21.0	FC/MC/PC43C	1200	35.4	25.5	13.80	12.00
	RGF1L120CE20MP11	21.0	FC/MC/PC48C	1200	35.8	25.7	14.00	12.25
	RGF1L120CE20MP11	21.0	FC/MC/PC48D	1200	35.8	25.7	14.00	12.25
	RGF1L120CE20MP11	21.0	UC48C	1200	35.2	25.1	13.75	12.00
	RGF1L120CE20MP11	21.0	UC48D	1200	35.2	25.1	13.75	12.00
RAC13J424S21(E)	RGF19080CE16MP11	21.0	FC/MC/PC48C	1400	41.5	29.8	13.10	11.30
	RGF19080CE16MP11	21.0	FC/MC/PC48D	1400	41.5	29.8	13.05	11.25
	RGF19080CE16MP11	21.0	FC/MC/PC60D	1400	41.5	29.6	13.10	11.25
	RGF19080CE16MP11	21.0	FC/MC62D	1400	41.5	30.4	13.15	11.30
	RGF19080CE16MP11	21.0	FC/PC60C	1400	41.5	29.6	13.05	11.20
	RGF19080CE16MP11	21.0	FC64D	1400	43.0	31.4	13.50	11.60
	RGF19100CE16MP11	21.0	FC/MC/PC48C	1400	41.5	29.8	13.10	11.30
	RGF19100CE16MP11	21.0	FC/MC/PC48D	1400	41.5	29.8	13.05	11.25
	RGF19100CE16MP11	21.0	FC/MC/PC60D	1400	41.5	29.6	13.10	11.25
	RGF19100CE16MP11	21.0	FC/MC62D	1400	41.5	30.4	13.15	11.30
	RGF19100CE16MP11	21.0	FC/PC60C	1400	41.5	29.6	13.05	11.20
	RGF19100CE16MP11	21.0	FC64D	1400	43.0	31.4	13.50	11.60
	RGF19100CE20MP11	21.0	FC/MC/PC43C	1325	41.0	29.0	13.50	11.60
	RGF19100CE20MP11	21.0	FC/MC/PC48C	1325	41.5	29.4	13.55	11.65
	RGF19100CE20MP11	21.0	FC/MC/PC48D	1350	42.0	30.2	13.80	11.75
	RGF19100CE20MP11	21.0	FC/MC/PC60D	1350	42.0	29.8	13.75	11.75
	RGF19100CE20MP11	21.0	FC/MC62D	1350	42.0	30.8	13.80	11.75
	RGF19100CE20MP11	21.0	FC64D	1350	43.5	31.8	14.20	12.15
	RGF19100CE20MP11	21.0	UC48C	1325	40.5	29.0	13.40	11.45
	RGF19100CE20MP11	21.0	UC48D	1350	40.5	29.0	13.25	11.25
	RGF19100CE20MP11	21.0	UC60D	1350	41.0	29.2	13.25	11.25
	RGF19120DE20MP11	24.5	FC/MC/PC48D	1325	41.5	29.4	13.70	11.75
	RGF19120DE20MP11	24.5	FC/MC/PC60D	1325	41.5	29.1	13.70	11.70
	RGF19120DE20MP11	24.5	FC/MC62D	1325	41.5	29.8	13.75	11.75
	RGF19120DE20MP11	24.5	FC64D	1325	43.0	30.8	14.20	12.10
	RGF19120DE20MP11	24.5	UC48D	1325	40.5	29.0	13.55	11.60
	RGF19120DE20MP11	24.5	UC60D	1325	41.0	29.2	13.65	11.70
	RGF19080CE16MP12	21.0	FC/MC/PC48C	1400	41.5	29.8	13.10	11.30
	RGF19080CE16MP12	21.0	FC/MC/PC48D	1400	41.5	29.8	13.05	11.25
	RGF19080CE16MP12	21.0	FC/MC/PC60D	1400	41.5	29.6	13.10	11.25
	RGF19080CE16MP12	21.0	FC/MC62D	1400	41.5	30.4	13.15	11.30
	RGF19080CE16MP12	21.0	FC/PC60C	1400	41.5	29.6	13.05	11.20
	RGF19080CE16MP12	21.0	FC64D	1400	43.0	31.4	13.50	11.60
	RGF19100CE16MP12	21.0	FC/MC/PC48C	1400	41.5	29.8	13.10	11.30
	RGF19100CE16MP12	21.0	FC/MC/PC48D	1400	41.5	29.8	13.05	11.25
	RGF19100CE16MP12	21.0	FC/MC/PC60D	1400	41.5	29.6	13.10	11.25
	RGF19100CE16MP12	21.0	FC/MC62D	1400	41.5	30.4	13.15	11.30
	RGF19100CE16MP12	21.0	FC/PC60C	1400	41.5	29.6	13.05	11.20
	RGF19100CE16MP12	21.0	FC64D	1400	43.0	31.4	13.50	11.60

For notes see Page 11.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
13 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES[2]								
RAC13J424S21(E)	RGF19100CE20MP12	21.0	FC/MC/PC43C	1325	41.0	29.0	13.50	11.60
	RGF19100CE20MP12	21.0	FC/MC/PC48C	1325	41.5	29.4	13.55	11.65
	RGF19100CE20MP12	21.0	FC/MC/PC48D	1350	42.0	30.2	13.80	11.75
	RGF19100CE20MP12	21.0	FC/MC/PC60D	1350	42.0	29.8	13.75	11.75
	RGF19100CE20MP12	21.0	FC/MC62D	1350	42.0	30.8	13.80	11.75
	RGF19100CE20MP12	21.0	FC64D	1350	43.5	31.8	14.20	12.15
	RGF19100CE20MP12	21.0	UC48C	1325	40.5	29.0	13.40	11.45
	RGF19100CE20MP12	21.0	UC48D	1350	40.5	29.0	13.25	11.25
	RGF19100CE20MP12	21.0	UC60D	1350	41.0	29.2	13.25	11.25
	RGF19120DE20MP12	24.5	FC/MC/PC48D	1325	41.5	29.4	13.70	11.75
	RGF19120DE20MP12	24.5	FC/MC/PC60D	1325	41.5	29.1	13.70	11.70
	RGF19120DE20MP12	24.5	FC/MC62D	1325	41.5	29.8	13.75	11.75
	RGF19120DE20MP12	24.5	FC64D	1325	43.0	30.8	14.20	12.10
	RGF19120DE20MP12	24.5	UC48D	1325	40.5	29.0	13.55	11.60
	RGF19120DE20MP12	24.5	UC60D	1325	41.0	29.2	13.65	11.70
	RGF1L080CE16MP11	21.0	FC/MC/PC43C	1350	41.0	29.2	13.45	11.65
	RGF1L080CE16MP11	21.0	FC/MC/PC48C	1325	41.5	29.4	13.60	11.70
	RGF1L080CE16MP11	21.0	FC/MC/PC48D	1350	42.0	30.2	13.80	11.85
	RGF1L080CE16MP11	21.0	FC/MC/PC60D	1375	42.0	29.8	13.75	11.80
	RGF1L080CE16MP11	21.0	FC/MC62D	1350	42.0	30.8	13.85	11.85
	RGF1L080CE16MP11	21.0	FC/PC60C	1350	42.0	29.8	13.75	11.75
	RGF1L080CE16MP11	21.0	FC64D	1375	43.5	31.8	14.25	12.15
	RGF1L080CE16MP11	21.0	UC48C	1325	40.5	29.0	13.45	11.50
	RGF1L080CE16MP11	21.0	UC48D	1350	40.5	29.0	13.25	11.25
	RGF1L080CE16MP11	21.0	UC60C	1350	41.0	29.2	13.55	11.65
	RGF1L080CE16MP11	21.0	UC60D	1375	41.0	29.2	13.25	11.25
	RGF1L100CE16MP11	21.0	FC/MC/PC43C	1350	41.0	29.2	13.45	11.65
	RGF1L100CE16MP11	21.0	FC/MC/PC48C	1325	41.5	29.4	13.60	11.70
	RGF1L100CE16MP11	21.0	FC/MC/PC48D	1350	42.0	30.2	13.80	11.85
	RGF1L100CE16MP11	21.0	FC/MC/PC60D	1375	42.0	29.8	13.75	11.80
	RGF1L100CE16MP11	21.0	FC/MC62D	1350	42.0	30.8	13.85	11.85
	RGF1L100CE16MP11	21.0	FC/PC60C	1350	42.0	29.8	13.75	11.75
	RGF1L100CE16MP11	21.0	FC64D	1375	43.5	31.8	14.25	12.15
	RGF1L100CE16MP11	21.0	UC48C	1325	40.5	29.0	13.45	11.50
	RGF1L100CE16MP11	21.0	UC48D	1350	40.5	29.0	13.25	11.25
	RGF1L100CE16MP11	21.0	UC60C	1350	41.0	29.2	13.55	11.65
	RGF1L100CE16MP11	21.0	UC60D	1375	41.0	29.2	13.25	11.25
	RGF1L100CE20MP11	21.0	FC/MC/PC43C	1350	41.0	29.2	13.50	11.70
	RGF1L100CE20MP11	21.0	FC/MC/PC48C	1350	42.0	30.2	13.80	11.85
	RGF1L100CE20MP11	21.0	FC/MC/PC48D	1400	42.0	30.2	13.85	11.85
	RGF1L100CE20MP11	21.0	FC/MC/PC60D	1400	42.0	30.0	13.80	11.80
	RGF1L100CE20MP11	21.0	FC/MC62D	1400	42.0	30.8	13.95	11.95
	RGF1L100CE20MP11	21.0	FC/PC60C	1375	42.0	29.8	13.80	11.80
	RGF1L100CE20MP11	21.0	FC64D	1400	43.5	31.8	14.25	12.20
	RGF1L100CE20MP11	21.0	UC48C	1350	40.5	29.0	13.50	11.55
	RGF1L100CE20MP11	21.0	UC48D	1400	41.5	30.0	13.25	11.50
	RGF1L100CE20MP11	21.0	UC60C	1375	41.0	29.2	13.60	11.65
	RGF1L100CE20MP11	21.0	UC60D	1400	41.0	29.2	13.25	11.25
	RGF1L120CE20MP11	21.0	FC/MC/PC43C	1350	41.0	29.2	13.50	11.70
	RGF1L120CE20MP11	21.0	FC/MC/PC48C	1350	42.0	30.2	13.80	11.85
	RGF1L120CE20MP11	21.0	FC/MC/PC48D	1400	42.0	30.2	13.85	11.85

For notes see Page 11.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
13 SEER AC WITH HIGH EFFICIENCY MOTOR FURNACES[2]								
RAC13J424S21(E)	RGF1L120CE20MP11	21.0	FC/MC/PC60D	1400	42.0	30.0	13.80	11.80
	RGF1L120CE20MP11	21.0	FC/MC62D	1400	42.0	30.8	13.95	11.95
	RGF1L120CE20MP11	21.0	FC/PC60C	1375	42.0	29.8	13.80	11.80
	RGF1L120CE20MP11	21.0	FC64D	1400	43.5	31.8	14.25	12.20
	RGF1L120CE20MP11	21.0	UC48C	1350	40.5	29.0	13.50	11.55
	RGF1L120CE20MP11	21.0	UC48D	1400	41.5	30.0	13.25	11.50
	RGF1L120CE20MP11	21.0	UC60C	1375	41.0	29.2	13.60	11.65
	RGF1L120CE20MP11	21.0	UC60D	1400	41.0	29.2	13.25	11.25
RAC13J484S21(E)	RGF19100CE20MP11	21.0	FC/MC/PC48C	1500	47.5	33.8	13.10	11.25
	RGF19120DE20MP11	24.5	FC/MC/PC48D	1525	48.0	34.2	13.20	11.50
	RGF19120DE20MP11	24.5	FC/MC/PC60D	1550	48.5	34.6	13.20	11.50
	RGF19100CE20MP12	21.0	FC/MC/PC48C	1500	47.5	33.8	13.10	11.25
	RGF19120DE20MP12	24.5	FC/MC/PC48D	1525	48.0	34.2	13.20	11.50
	RGF19120DE20MP12	24.5	FC/MC/PC60D	1550	48.5	34.6	13.20	11.50
	RGF1L080CE16MP11	21.0	FC/MC/PC48C	1525	48.0	34.2	13.30	11.00
	RGF1L080CE16MP11	21.0	FC/PC60C	1525	48.0	34.4	13.30	11.00
	RGF1L100CE16MP11	21.0	FC/MC/PC48C	1525	48.0	34.2	13.30	11.00
	RGF1L100CE16MP11	21.0	FC/PC60C	1525	48.0	34.4	13.30	11.00
	RGF1L100CE20MP11	21.0	FC/MC/PC48C	1550	48.0	34.4	13.20	11.50
	RGF1L100CE20MP11	21.0	FC/MC/PC60D	1575	48.5	34.6	13.30	11.50
	RGF1L100CE20MP11	21.0	FC/PC60C	1550	48.5	34.6	13.25	11.50
	RGF1L120CE20MP11	21.0	FC/MC/PC48C	1550	48.0	34.4	13.20	11.50
	RGF1L120CE20MP11	21.0	FC/MC/PC60D	1575	48.5	34.6	13.30	11.50
	RGF1L120CE20MP11	21.0	FC/PC60C	1550	48.5	34.6	13.25	11.50
RAC13J604S21(E)	RGF19100CE20MP11	21.0	FC64D	1550	56.0	39.2	13.25	11.25
	RGF19120DE20MP11	24.5	FC64D	1525	56.0	39.2	13.25	11.25
	RGF19100CE20MP12	21.0	FC64D	1550	56.0	39.2	13.25	11.25
	RGF19120DE20MP12	24.5	FC64D	1525	56.0	39.2	13.25	11.25
	RGF1L080CE16MP11	21.0	FC64D	1550	56.0	39.2	13.25	11.25
	RGF1L100CE16MP11	21.0	FC64D	1550	56.0	39.2	13.25	11.25
	RGF1L100CE20MP11	21.0	FC64D	1600	56.5	39.7	13.50	11.50
	RGF1L120CE20MP11	21.0	FC64D	1600	56.5	39.7	13.50	11.50

1. MC coils available with a factory installed horizontal drain pan. See price pages for specific model number.
2. High Efficiency Motor Furnaces have B.O.D (Blower on Delay) standard.

Furnaces that are listed individually in the above table, such as the RGF1L*P, RGF19*P, and RGF1L*E use Coil Only Ratings.

ACCESSORIES & APPLICATIONS

Refer to Price Manual for specific model numbers.

Application Limits		
Maximum Lineset Equivalent Length		75 Ft
Outdoor Ambient Temperature Limits		
Cooling Operation	Maximum DB	115°F
	Minimum DB	50°F

Long Lineset Applications - For installations with more than 75' of equivalent lineset length, refer to the current version of the **Piping Application Guide 247077-UAD-H-0209**, available in the Application Bulletins section on UPGnet.

Off Cycle Timer Delay - Provides a 5-minute off cycle to prevent rapid recycling of the compressor.

Start Assist Kit (S1-2SA067*) - Provides increased starting torque for areas with low voltage. See Hard Start Kit Accessory Installation Manual for Hard Start Kit part number for each model.

TXV Kits - S1-1TVM series thermal expansion valves precisely meter refrigerant for optimum performance over a wide range of conditions. See System Charge table for TXV part number for each model.

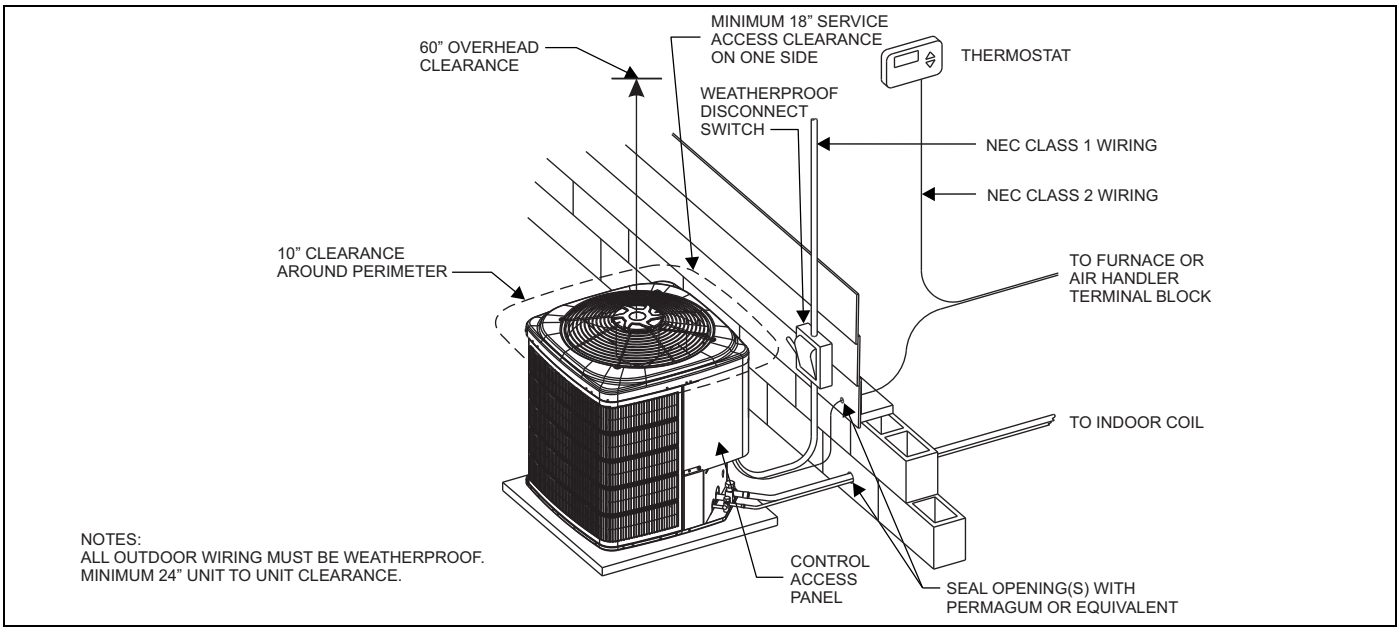
Thermostats - Compatible thermostat controls are available through accessory sourcing. For optimum performance and installation, refer to the UPGNET “Low Voltage Wiring Diagram” document to select and apply controls.

SOUND POWER RATINGS

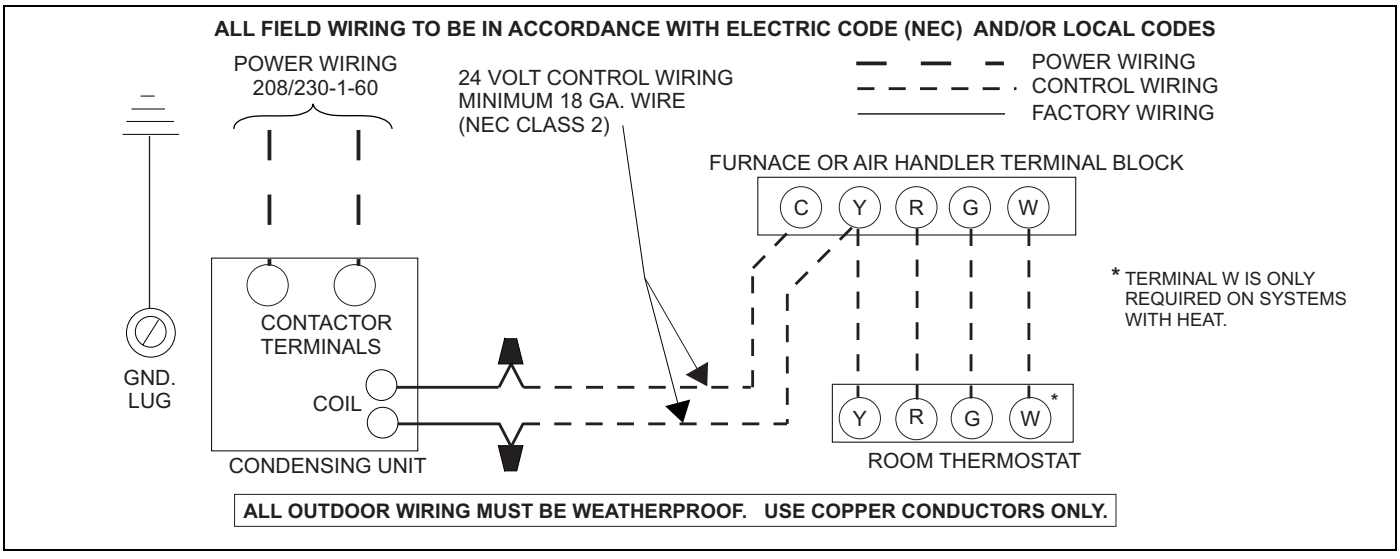
UNIT MODEL	(dBA)
18	75
24	76
30	76
36	76
42	76
48	77
60	75

Rated in accordance with ARI Standard 270-1995.

TYPICAL INSTALLATION



TYPICAL FIELD WIRING



COOLING PERFORMANCE DATA

AIR CONDITIONER MODEL NO.		RAC13J184S21(E)														
INDOOR COIL MODEL NO.		FC/MC/PC18														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	ID CFM	450					600					750				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	16.3	18.4	18.3	20.1	20.7	17.5	19.0	18.7	20.2	20.9	18.7	19.6	19.1	20.3	21.1
	S.C.	16.3	14.5	12.7	12.6	9.7	17.5	17.1	14.2	13.6	10.3	18.7	17.2	15.7	14.6	10.9
	KW	1.16	1.16	1.16	1.15	1.14	1.21	1.21	1.21	1.20	1.20	1.26	1.26	1.27	1.26	1.25
75	T.C.	15.6	17.4	17.3	19.0	19.9	16.8	18.1	17.7	19.3	20.1	18.1	18.8	18.2	19.5	20.3
	S.C.	15.6	14.3	12.2	12.2	9.3	16.8	16.3	13.8	13.4	10.1	18.1	18.4	15.4	14.6	10.8
	KW	1.28	1.28	1.28	1.28	1.27	1.34	1.34	1.34	1.33	1.33	1.39	1.39	1.39	1.39	1.39
85	T.C.	14.8	16.4	16.2	18.0	19.2	16.1	17.2	16.7	18.4	19.3	17.4	18.0	17.3	18.8	19.5
	S.C.	14.8	14.0	11.8	11.7	9.0	16.1	15.6	13.5	13.2	9.8	17.4	17.2	15.1	14.6	10.6
	KW	1.40	1.41	1.40	1.41	1.41	1.46	1.46	1.46	1.46	1.47	1.52	1.52	1.52	1.52	1.52
95	T.C.	14.0	15.4	15.1	17.0	18.4	15.4	16.3	15.8	17.5	18.6	16.7	17.2	16.4	18.0	18.7
	S.C.	14.0	13.8	11.3	11.3	8.6	15.4	14.8	13.1	13.0	9.6	16.7	15.9	14.9	14.6	10.5
	KW	1.53	1.53	1.53	1.53	1.54	1.59	1.59	1.59	1.59	1.60	1.65	1.65	1.65	1.65	1.66
105	T.C.	13.0	14.2	13.7	15.6	17.1	14.3	15.1	14.3	16.1	17.3	15.5	16.1	15.0	16.6	17.4
	S.C.	13.0	13.1	10.7	10.8	8.3	14.3	14.0	12.4	12.5	9.3	15.5	14.9	14.0	14.3	10.3
	KW	1.69	1.69	1.69	1.70	1.71	1.75	1.75	1.75	1.76	1.77	1.82	1.82	1.81	1.82	1.83
115	T.C.	12.1	13.0	12.3	14.3	15.9	13.2	14.0	13.0	14.7	16.0	14.3	15.0	13.6	15.2	16.2
	S.C.	12.1	12.4	10.1	10.3	8.0	13.2	13.1	11.7	12.1	9.0	14.3	13.8	13.2	13.9	10.1
	KW	1.85	1.85	1.84	1.85	1.87	1.91	1.91	1.91	1.92	1.94	1.98	1.98	1.97	1.98	2.00
125	T.C.	11.1	11.9	10.9	12.9	14.7	12.1	12.9	11.6	13.4	14.8	13.1	13.9	12.3	13.8	14.9
	S.C.	11.1	11.8	9.5	9.8	7.6	12.1	12.3	10.9	11.7	8.7	13.1	12.8	12.3	13.5	9.8
	KW	2.00	2.00	1.99	2.01	2.04	2.08	2.07	2.06	2.08	2.10	2.15	2.14	2.13	2.15	2.16

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC18	1.00	1.00	1.00
–	UC18	1.00	1.00	1.00
RFCX18BE	–	1.02	1.07	0.92
RFCX18BP	–	1.02	1.07	1.02

Furnaces	Coils	T.C.	S.C.	KW
RGF19060BE12MP11	FC/MC/PC18B	1.01	1.03	0.90
RGF19060BE12MP11	UC18B	1.02	1.04	0.92
RGF19080BE12MP11	FC/MC/PC18B	1.01	1.03	0.90
RGF19080BE12MP11	UC18B	1.02	1.04	0.92
RGF19060BE12MP12	FC/MC/PC18B	1.01	1.03	0.90
RGF19060BE12MP12	UC18B	1.02	1.04	0.92
RGF19080BE12MP12	FC/MC/PC18B	1.01	1.03	0.90
RGF19080BE12MP12	UC18B	1.02	1.04	0.92
RGF1L060AE12MP11	FC/MC/PC18A	1.02	1.04	0.90
RGF1L060AE12MP11	UC18A	1.02	1.05	0.92
RGF1L080BE12MP11	FC/MC/PC18B	1.02	1.03	0.90
RGF1L080BE12MP11	UC18B	1.02	1.05	0.92

COOLING PERFORMANCE DATA																
AIR CONDITIONER MODEL NO.		**RAC13J244S21(E)**														
INDOOR COIL MODEL NO.		**FC/MC/PC36**														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	**ID CFM**	**600**					**800**					**1000**				
	ID DB (°F)	**80**	**80**	**75**	**80**	**80**	**80**	**80**	**75**	**80**	**80**	**80**	**80**	**75**	**80**	**80**
	ID WB (°F)	**57**	**62**	**62**	**67**	**72**	**57**	**62**	**62**	**67**	**72**	**57**	**62**	**62**	**67**	**72**
65	**T.C.**	20.5	25.5	25.4	27.0	28.2	22.6	26.7	26.5	28.3	29.5	24.7	28.0	27.7	29.6	30.8
	S.C.	20.5	19.1	16.6	16.3	13.3	22.6	22.0	18.8	18.0	14.2	24.7	24.9	21.0	19.7	15.1
	KW	1.66	1.67	1.67	1.67	1.67	1.73	1.74	1.74	1.74	1.74	1.81	1.81	1.82	1.82	1.82
75	**T.C.**	19.1	23.5	23.4	25.5	27.2	21.4	25.0	24.7	26.9	28.6	23.7	26.4	26.0	28.2	29.9
	S.C.	19.1	18.5	15.7	15.8	12.8	21.4	21.1	18.0	17.6	13.8	23.7	23.8	20.4	19.4	14.9
	KW	1.79	1.80	1.80	1.81	1.82	1.87	1.87	1.88	1.89	1.90	1.95	1.95	1.95	1.97	1.98
85	**T.C.**	17.7	21.6	21.3	24.0	26.3	20.2	23.2	22.8	25.4	27.6	22.7	24.8	24.3	26.9	28.9
	S.C.	17.7	17.9	14.9	15.3	12.3	20.2	20.3	17.3	17.2	13.5	22.7	22.7	19.7	19.1	14.6
	KW	1.92	1.92	1.92	1.95	1.98	2.01	2.01	2.01	2.04	2.06	2.09	2.10	2.09	2.12	2.14
95	**T.C.**	16.3	19.6	19.3	22.5	25.3	19.0	21.5	21.0	24.0	26.7	21.7	23.3	22.6	25.5	28.0
	S.C.	16.3	17.3	14.1	14.7	11.9	19.0	19.5	16.5	16.8	13.1	21.6	21.6	19.0	18.9	14.4
	KW	2.05	2.05	2.05	2.09	2.14	2.14	2.15	2.14	2.18	2.22	2.24	2.24	2.23	2.27	2.30
105	**T.C.**	15.0	17.7	17.1	20.1	23.1	17.4	19.5	18.8	21.6	24.4	19.8	21.3	20.4	23.1	25.8
	S.C.	15.0	15.9	13.1	13.8	11.1	17.4	17.8	15.3	15.9	12.5	19.8	19.8	17.4	18.0	13.9
	KW	2.17	2.17	2.16	2.22	2.28	2.28	2.28	2.26	2.31	2.37	2.38	2.39	2.36	2.41	2.45
115	**T.C.**	13.8	15.8	15.0	17.9	20.9	15.9	17.6	16.6	19.3	22.2	18.0	19.4	18.3	20.7	23.6
	S.C.	13.8	14.6	12.1	12.9	10.4	15.9	16.3	14.0	15.0	11.8	17.9	17.9	15.8	17.1	13.3
	KW	2.29	2.29	2.27	2.34	2.41	2.41	2.41	2.38	2.44	2.51	2.53	2.53	2.49	2.54	2.60
125	**T.C.**	12.5	13.9	12.8	15.7	18.7	14.4	15.7	14.5	17.0	20.1	16.2	17.5	16.2	18.4	21.4
	S.C.	12.5	13.4	11.2	12.0	9.6	14.4	14.7	12.7	14.1	11.2	16.1	16.1	14.3	16.2	12.8
	KW	2.41	2.41	2.38	2.46	2.55	2.54	2.54	2.50	2.56	2.65	2.67	2.67	2.61	2.67	2.75
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).																

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC32	1.00	1.00	1.00
–	FC/MC/PC35	1.00	1.00	1.00
–	FC/MC/PC36	1.00	1.00	1.00
–	FC/MC/PC37	1.00	1.00	1.00
–	FC/MC/PC43	1.00	1.00	1.00
–	UC36	1.00	1.00	1.00
RFCX24BE	–	1.02	1.04	0.93
RFCX30BE	–	1.02	1.04	0.93
RFCX36CE	–	1.05	1.11	0.92
RFCX24BP	–	0.99	0.99	0.99

Continued on next page.

Furnaces	Coils	T.C.	S.C.	KW
RGF19060BE12MP11	FC/MC/PC35B	1.02	1.04	0.95
RGF19060BE12MP11	FC/MC/PC36B	1.01	1.03	0.92
RGF19060BE12MP11	FC/MC/PC43B	1.03	1.05	0.96
RGF19060BE12MP11	UC36B	0.99	1.01	0.95
RGF19080BE12MP11	FC/MC/PC35B	1.02	1.04	0.95
RGF19080BE12MP11	FC/MC/PC36B	1.01	1.03	0.92
RGF19080BE12MP11	FC/MC/PC43B	1.03	1.05	0.96
RGF19080BE12MP11	UC36B	0.99	1.01	0.95
RGF19080CE16MP11	FC/MC/PC35C	1.01	1.03	0.94
RGF19080CE16MP11	FC/MC/PC36C	1.01	1.02	0.94
RGF19080CE16MP11	FC/MC/PC43C	1.02	1.05	0.97
RGF19100CE16MP11	FC/MC/PC35C	1.01	1.03	0.94
RGF19100CE16MP11	FC/MC/PC36C	1.01	1.02	0.94
RGF19100CE16MP11	FC/MC/PC43C	1.02	1.05	0.97
RGF19100CE20MP11	FC/MC/PC35C	1.03	1.04	0.94
RGF19100CE20MP11	FC/MC/PC36C	1.02	1.04	0.93
RGF19100CE20MP11	FC/MC/PC43C	1.03	1.06	0.95
RGF19100CE20MP11	UC36C	1.00	1.02	0.94
RGF19060BE12MP12	FC/MC/PC35B	1.02	1.04	0.95
RGF19060BE12MP12	FC/MC/PC36B	1.01	1.03	0.92
RGF19060BE12MP12	FC/MC/PC43B	1.03	1.05	0.96
RGF19060BE12MP12	UC36B	0.99	1.01	0.95
RGF19080BE12MP12	FC/MC/PC35B	1.02	1.04	0.95
RGF19080BE12MP12	FC/MC/PC36B	1.01	1.03	0.92
RGF19080BE12MP12	FC/MC/PC43B	1.03	1.05	0.96
RGF19080BE12MP12	UC36B	0.99	1.01	0.95
RGF19080CE16MP12	FC/MC/PC35C	1.01	1.03	0.94
RGF19080CE16MP12	FC/MC/PC36C	1.01	1.02	0.94
RGF19080CE16MP12	FC/MC/PC43C	1.02	1.05	0.97
RGF19100CE16MP12	FC/MC/PC35C	1.01	1.03	0.94

Furnaces	Coils	T.C.	S.C.	KW
RGF19100CE16MP12	FC/MC/PC36C	1.01	1.02	0.94
RGF19100CE16MP12	FC/MC/PC43C	1.02	1.05	0.97
RGF19100CE20MP12	FC/MC/PC35C	1.03	1.04	0.94
RGF19100CE20MP12	FC/MC/PC36C	1.02	1.04	0.93
RGF19100CE20MP12	FC/MC/PC43C	1.03	1.06	0.95
RGF19100CE20MP12	UC36C	1.00	1.02	0.94
RGF1L060AE12MP11	FC/MC/PC32A	1.03	1.04	0.94
RGF1L060AE12MP11	FC/MC/PC36A	1.03	1.04	0.92
RGF1L060AE12MP11	FC/MC/PC37A	1.03	1.06	0.93
RGF1L060AE12MP11	UC36A	1.01	1.02	0.91
RGF1L080BE12MP11	FC/MC/PC35B	1.00	1.01	0.92
RGF1L080BE12MP11	FC/MC/PC36B	1.03	1.04	0.92
RGF1L080BE12MP11	FC/MC/PC43B	1.03	1.07	0.91
RGF1L080BE12MP11	UC36B	1.00	1.02	0.92
RGF1L080CE16MP11	FC/MC/PC35C	1.02	1.04	0.95
RGF1L080CE16MP11	FC/MC/PC36C	1.02	1.02	0.89
RGF1L080CE16MP11	FC/MC/PC43C	1.03	1.05	0.96
RGF1L080CE16MP11	UC36C	1.01	1.03	0.91
RGF1L100CE16MP11	FC/MC/PC35C	1.02	1.04	0.95
RGF1L100CE16MP11	FC/MC/PC36C	1.02	1.02	0.89
RGF1L100CE16MP11	FC/MC/PC43C	1.03	1.05	0.96
RGF1L100CE16MP11	UC36C	1.01	1.03	0.91
RGF1L100CE20MP11	FC/MC/PC35C	1.02	1.04	0.97
RGF1L100CE20MP11	FC/MC/PC36C	1.01	1.03	0.96
RGF1L100CE20MP11	FC/MC/PC43C	1.03	1.05	0.96
RGF1L100CE20MP11	UC36C	0.99	1.01	0.97
RGF1L120CE20MP11	FC/MC/PC35C	1.02	1.04	0.97
RGF1L120CE20MP11	FC/MC/PC36C	1.01	1.03	0.96
RGF1L120CE20MP11	FC/MC/PC43C	1.03	1.05	0.96
RGF1L120CE20MP11	UC36C	0.99	1.01	0.97

COOLING PERFORMANCE DATA																
AIR CONDITIONER MODEL NO.		**RAC13J304S21(E)**														
INDOOR COIL MODEL NO.		**FC/MC/PC32**														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	**ID CFM**	**800**					**1000**					**1200**				
	ID DB (°F)	**80**	**80**	**75**	**80**	**80**	**80**	**80**	**75**	**80**	**80**	**80**	**80**	**75**	**80**	**80**
	ID WB (°F)	**57**	**62**	**62**	**67**	**72**	**57**	**62**	**62**	**67**	**72**	**57**	**62**	**62**	**67**	**72**
65	**T.C.**	30.2	33.4	32.8	35.2	36.5	31.7	33.9	33.4	35.5	36.7	33.2	34.3	34.1	35.9	36.9
	S.C.	28.9	26.3	22.1	21.6	16.3	30.3	29.5	24.0	23.0	17.4	31.8	32.6	25.9	24.4	18.5
	KW	2.18	2.20	2.20	2.21	2.23	2.27	2.28	2.29	2.42	2.32	2.37	2.36	2.38	2.63	2.41
75	**T.C.**	28.0	30.7	30.0	32.9	34.7	29.7	31.5	30.7	33.3	34.8	31.3	32.4	31.5	33.8	35.0
	S.C.	26.9	25.2	20.9	20.7	15.6	28.4	27.6	23.0	22.4	16.7	30.0	30.1	25.1	24.1	17.8
	KW	2.36	2.37	2.37	2.40	2.43	2.46	2.47	2.47	2.49	2.53	2.56	2.56	2.56	2.58	2.62
85	**T.C.**	25.9	28.0	27.2	30.6	32.8	27.7	29.2	28.0	31.2	33.0	29.5	30.5	28.8	31.7	33.1
	S.C.	24.8	24.0	19.8	19.8	15.0	26.5	25.8	22.0	21.8	16.1	28.2	27.5	24.3	23.8	17.1
	KW	2.54	2.54	2.54	2.59	2.64	2.65	2.65	2.64	2.56	2.73	2.76	2.75	2.74	2.54	2.83
95	**T.C.**	23.8	25.3	24.5	28.3	31.0	25.7	26.9	25.3	29.0	31.1	27.6	28.6	26.2	29.7	31.3
	S.C.	22.8	22.9	18.6	18.9	14.4	24.6	23.9	21.0	21.2	15.4	26.5	25.0	23.5	23.5	16.5
	KW	2.72	2.72	2.71	2.78	2.84	2.84	2.83	2.81	2.64	2.94	2.95	2.94	2.92	2.49	3.04
105	**T.C.**	21.8	23.1	21.7	25.2	27.9	23.4	24.6	22.6	25.8	28.0	25.0	26.1	23.5	26.4	28.1
	S.C.	20.9	21.1	17.4	17.7	13.4	22.4	22.2	19.3	19.3	14.5	24.0	23.3	21.3	20.8	15.7
	KW	2.91	3.02	2.88	2.96	3.04	3.03	3.08	2.99	2.90	3.14	3.15	3.14	3.10	2.84	3.24
115	**T.C.**	19.8	21.1	19.1	22.2	25.0	21.2	22.4	19.9	22.7	25.0	22.6	23.6	20.8	23.2	25.0
	S.C.	19.0	19.3	16.2	16.7	12.5	20.3	20.5	17.7	17.4	13.7	21.6	21.6	19.2	18.2	14.9
	KW	3.10	3.31	3.05	3.14	3.23	3.22	3.33	3.17	3.16	3.33	3.34	3.34	3.29	3.18	3.43
125	**T.C.**	17.8	19.0	16.4	19.2	22.0	19.0	20.1	17.3	19.6	22.0	20.1	21.2	18.2	20.0	22.0
	S.C.	17.1	17.5	15.1	15.6	11.6	18.2	18.7	16.1	15.6	12.9	19.2	20.0	17.1	15.6	14.2
	KW	3.28	3.61	3.22	3.31	3.42	3.41	3.57	3.34	3.42	3.52	3.53	3.54	3.47	3.53	3.63
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).																

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC32	1.00	1.00	1.00
–	FC/MC/PC35	1.00	1.00	1.00
–	FC/MC/PC37	1.00	1.00	1.00
–	FC/MC/PC43	1.00	1.00	1.00
RFCX30BE	–	1.01	1.02	0.95
RFCX36CE	–	1.04	1.05	0.94
RFCX30BP	–	1.01	1.06	1.01
RFCX36BP	–	1.03	1.05	1.03

Furnaces	Coils	T.C.	S.C.	KW
RGF19060BE12MP11	FC/MC/PC35B	0.99	0.99	0.92
RGF19060BE12MP11	FC/MC/PC43B	1.01	1.01	0.94
RGF19080BE12MP11	FC/MC/PC35B	0.99	0.99	0.92
RGF19080BE12MP11	FC/MC/PC43B	1.01	1.01	0.94
RGF19080CE16MP11	FC/MC/PC35C	1.01	1.03	0.93
RGF19080CE16MP11	FC/MC/PC43C	1.02	1.05	0.94
RGF19100CE16MP11	FC/MC/PC35C	1.01	1.03	0.93
RGF19100CE16MP11	FC/MC/PC43C	1.02	1.05	0.94
RGF19100CE20MP11	FC/MC/PC35C	1.00	1.01	0.98
RGF19100CE20MP11	FC/MC/PC43C	1.01	1.03	0.96
RGF19060BE12MP12	FC/MC/PC35B	0.99	0.99	0.92

Furnaces	Coils	T.C.	S.C.	KW
RGF19060BE12MP12	FC/MC/PC43B	1.01	1.01	0.94
RGF19080BE12MP12	FC/MC/PC35B	0.99	0.99	0.92
RGF19080BE12MP12	FC/MC/PC43B	1.01	1.01	0.94
RGF19080CE16MP12	FC/MC/PC35C	1.01	1.03	0.93
RGF19080CE16MP12	FC/MC/PC43C	1.02	1.05	0.94
RGF19100CE16MP12	FC/MC/PC35C	1.01	1.03	0.93
RGF19100CE16MP12	FC/MC/PC43C	1.02	1.05	0.94
RGF19100CE20MP12	FC/MC/PC35C	1.00	1.01	0.98
RGF19100CE20MP12	FC/MC/PC43C	1.01	1.03	0.96
RGF1L060AE12MP11	FC/MC/PC32A	0.99	1.01	0.99
RGF1L060AE12MP11	FC/MC/PC37A	1.00	1.03	0.97
RGF1L080BE12MP11	FC/MC/PC35B	0.99	0.99	0.95
RGF1L080BE12MP11	FC/MC/PC43B	1.02	1.04	0.94
RGF1L080CE16MP11	FC/MC/PC35C	1.02	1.03	0.94
RGF1L080CE16MP11	FC/MC/PC43C	1.01	1.02	0.93
RGF1L100CE16MP11	FC/MC/PC35C	1.02	1.03	0.94
RGF1L100CE16MP11	FC/MC/PC43C	1.01	1.02	0.93
RGF1L100CE20MP11	FC/MC/PC35C	1.01	1.03	0.93
RGF1L100CE20MP11	FC/MC/PC43C	1.02	1.05	0.94
RGF1L120CE20MP11	FC/MC/PC35C	1.01	1.03	0.93
RGF1L120CE20MP11	FC/MC/PC43C	1.02	1.05	0.94

COOLING PERFORMANCE DATA

AIR CONDITIONER MODEL NO.		RAC13J364S21(E)														
INDOOR COIL MODEL NO.		FC/MC/PC37														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	ID CFM	1000					1200					1400				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	35.3	37.4	37.0	39.3	40.4	36.3	38.1	37.4	39.7	40.2	37.3	38.8	37.8	40.1	40.1
	S.C.	33.1	29.8	25.3	24.2	18.1	34.1	31.8	26.8	25.2	18.5	35.2	33.8	28.3	26.1	18.9
	KW	2.40	2.42	2.41	2.44	2.44	2.49	2.50	2.50	2.53	2.53	2.58	2.58	2.60	2.61	2.63
75	T.C.	33.8	35.6	35.1	37.7	39.3	34.9	36.4	35.6	38.1	39.3	36.1	37.2	36.1	38.5	39.3
	S.C.	31.7	29.4	24.8	23.9	17.9	32.9	31.4	26.5	25.1	18.5	34.1	33.3	28.2	26.3	19.1
	KW	2.61	2.63	2.62	2.66	2.67	2.71	2.72	2.71	2.75	2.77	2.80	2.80	2.80	2.83	2.86
85	T.C.	32.4	33.8	33.3	36.2	38.1	33.6	34.7	33.8	36.6	38.3	34.8	35.6	34.4	37.0	38.4
	S.C.	30.4	29.0	24.3	23.5	17.7	31.7	30.9	26.1	25.0	18.5	33.0	32.8	28.0	26.5	19.3
	KW	2.82	2.84	2.84	2.88	2.91	2.92	2.93	2.92	2.96	3.00	3.02	3.03	3.01	3.05	3.09
95	T.C.	31.0	32.0	31.5	34.6	37.0	32.3	33.0	32.1	35.0	37.3	33.6	34.0	32.7	35.4	37.6
	S.C.	29.0	28.6	23.7	23.1	17.5	30.5	30.5	25.8	24.9	18.5	31.9	32.3	27.9	26.6	19.5
	KW	3.04	3.05	3.05	3.09	3.14	3.14	3.15	3.13	3.18	3.23	3.24	3.25	3.22	3.27	3.32
105	T.C.	28.0	28.9	27.8	31.1	34.3	28.9	29.9	28.5	31.6	34.6	29.9	30.9	29.2	32.0	34.9
	S.C.	26.3	26.2	22.0	21.9	16.6	27.4	27.8	23.8	23.8	17.7	28.5	29.4	25.6	25.7	18.9
	KW	3.25	3.25	3.23	3.30	3.37	3.36	3.36	3.33	3.39	3.47	3.47	3.47	3.43	3.49	3.56
115	T.C.	25.0	25.9	24.3	27.8	31.7	25.7	26.9	25.1	28.2	32.0	26.4	27.9	25.9	28.7	32.3
	S.C.	23.7	23.9	20.3	20.8	15.8	24.4	25.2	21.8	22.8	17.0	25.2	26.6	23.4	24.7	18.3
	KW	3.45	3.46	3.42	3.50	3.60	3.57	3.57	3.52	3.60	3.70	3.68	3.69	3.63	3.70	3.79
125	T.C.	22.1	22.9	20.7	24.4	29.0	22.5	23.9	21.7	24.9	29.3	22.9	24.9	22.6	25.4	29.6
	S.C.	21.1	21.5	18.6	19.7	15.0	21.5	22.7	19.9	21.7	16.3	21.9	23.8	21.1	23.8	17.7
	KW	3.65	3.66	3.60	3.70	3.83	3.78	3.78	3.71	3.80	3.93	3.90	3.91	3.83	3.91	4.03

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC37	1.00	1.00	1.00
–	FC/MC/PC43	1.00	1.00	1.00
–	FC/MC/PC48	1.00	1.00	1.00
–	UC48	1.00	1.00	1.00
RFCX36CE	–	1.02	1.02	0.93
RFCX42DE	–	1.02	1.04	0.92
RFCX36BP	–	0.99	0.99	0.99
RFCX42CP	–	1.02	1.02	0.99

Continued on next page.

Furnaces	Coils	T.C.	S.C.	KW
RGF19060BE12MP11	FC/MC/PC43B	0.99	0.98	0.95
RGF19080BE12MP11	FC/MC/PC43B	0.99	0.98	0.95
RGF19080CE16MP11	FC/MC/PC43C	1.00	0.99	0.94
RGF19080CE16MP11	FC/MC/PC48C	1.01	1.00	0.92
RGF19080CE16MP11	FC/MC/PC48D	1.00	1.00	0.92
RGF19080CE16MP11	UC48C	1.00	1.01	0.92
RGF19080CE16MP11	UC48D	1.00	1.01	0.92
RGF19100CE16MP11	FC/MC/PC43C	1.00	0.99	0.94
RGF19100CE16MP11	FC/MC/PC48C	1.01	1.00	0.92
RGF19100CE16MP11	FC/MC/PC48D	1.00	1.00	0.92
RGF19100CE16MP11	UC48C	1.00	1.01	0.92
RGF19100CE16MP11	UC48D	1.00	1.01	0.92
RGF19100CE20MP11	FC/MC/PC43C	1.00	0.99	0.92
RGF19100CE20MP11	FC/MC/PC48C	1.01	1.00	0.92
RGF19100CE20MP11	FC/MC/PC48D	1.01	1.01	0.92
RGF19100CE20MP11	UC48C	1.01	1.01	0.92
RGF19100CE20MP11	UC48D	1.01	1.01	0.92
RGF19120DE20MP11	FC/MC/PC48D	1.01	1.01	0.92
RGF19120DE20MP11	UC48D	1.01	1.01	0.92
RGF19060BE12MP12	FC/MC/PC43B	0.99	0.98	0.95
RGF19080BE12MP12	FC/MC/PC43B	0.99	0.98	0.95
RGF19080CE16MP12	FC/MC/PC43C	1.00	0.99	0.94
RGF19080CE16MP12	FC/MC/PC48C	1.01	1.00	0.92
RGF19080CE16MP12	FC/MC/PC48D	1.00	1.00	0.92
RGF19080CE16MP12	UC48C	1.00	1.01	0.92
RGF19080CE16MP12	UC48D	1.00	1.01	0.92
RGF19100CE16MP12	FC/MC/PC43C	1.00	0.99	0.94
RGF19100CE16MP12	FC/MC/PC48C	1.01	1.00	0.92
RGF19100CE16MP12	FC/MC/PC48D	1.00	1.00	0.92
RGF19100CE16MP12	UC48C	1.00	1.01	0.92

Furnaces	Coils	T.C.	S.C.	KW
RGF19100CE16MP12	UC48D	1.00	1.01	0.92
RGF19100CE20MP12	FC/MC/PC43C	1.00	0.99	0.92
RGF19100CE20MP12	FC/MC/PC48C	1.01	1.00	0.92
RGF19100CE20MP12	FC/MC/PC48D	1.01	1.01	0.92
RGF19100CE20MP12	UC48C	1.01	1.01	0.92
RGF19100CE20MP12	UC48D	1.01	1.01	0.92
RGF19120DE20MP12	FC/MC/PC48D	1.01	1.01	0.92
RGF19120DE20MP12	UC48D	1.01	1.01	0.92
RGF1L060AE12MP11	FC/MC/PC37A	0.99	0.98	0.95
RGF1L080BE12MP11	FC/MC/PC43B	0.99	0.98	0.95
RGF1L080CE16MP11	FC/MC/PC43C	1.00	1.00	0.92
RGF1L080CE16MP11	FC/MC/PC48C	1.01	1.01	0.92
RGF1L080CE16MP11	FC/MC/PC48D	1.01	1.01	0.90
RGF1L080CE16MP11	UC48C	1.01	1.01	0.92
RGF1L080CE16MP11	UC48D	1.01	1.01	0.90
RGF1L100CE16MP11	FC/MC/PC43C	1.00	1.00	0.92
RGF1L100CE16MP11	FC/MC/PC48C	1.01	1.01	0.92
RGF1L100CE16MP11	FC/MC/PC48D	1.01	1.01	0.90
RGF1L100CE16MP11	UC48C	1.01	1.01	0.92
RGF1L100CE16MP11	UC48D	1.01	1.01	0.90
RGF1L100CE20MP11	FC/MC/PC43C	1.01	1.03	0.93
RGF1L100CE20MP11	FC/MC/PC48C	1.02	1.04	0.92
RGF1L100CE20MP11	FC/MC/PC48D	1.02	1.04	0.92
RGF1L100CE20MP11	UC48C	1.01	1.01	0.92
RGF1L100CE20MP11	UC48D	1.01	1.01	0.92
RGF1L120CE20MP11	FC/MC/PC43C	1.01	1.03	0.93
RGF1L120CE20MP11	FC/MC/PC48C	1.02	1.04	0.92
RGF1L120CE20MP11	FC/MC/PC48D	1.02	1.04	0.92
RGF1L120CE20MP11	UC48C	1.01	1.01	0.92
RGF1L120CE20MP11	UC48D	1.01	1.01	0.92

COOLING PERFORMANCE DATA																
AIR CONDITIONER MODEL NO.		**RAC13J424S21(E)**														
INDOOR COIL MODEL NO.		**FC/MC/PC43**														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	**ID CFM**	**1200**					**1400**					**1600**				
	ID DB (°F)	**80**	**80**	**75**	**80**	**80**	**80**	**80**	**75**	**80**	**80**	**80**	**80**	**75**	**80**	**80**
	ID WB (°F)	**57**	**62**	**62**	**67**	**72**	**57**	**62**	**62**	**67**	**72**	**57**	**62**	**62**	**67**	**72**
65	**T.C.**	41.8	43.9	43.7	47.2	49.9	43.3	45.0	44.7	47.9	50.9	44.7	46.0	45.7	48.5	51.9
	S.C.	41.6	36.4	30.9	29.8	23.8	43.0	38.5	32.5	31.0	24.2	44.3	40.7	34.0	32.2	24.5
	KW	2.79	2.81	2.82	2.82	2.85	2.80	2.82	2.82	2.83	2.85	2.80	2.83	2.82	2.84	2.86
75	**T.C.**	39.8	41.2	41.3	45.1	48.2	41.4	42.3	42.2	45.7	49.0	42.9	43.3	43.2	46.4	49.8
	S.C.	39.5	35.2	29.8	29.1	23.1	41.0	37.4	31.6	30.6	23.8	42.5	39.7	33.5	32.1	24.5
	KW	3.08	3.10	3.10	3.13	3.17	3.10	3.11	3.11	3.14	3.18	3.12	3.13	3.12	3.15	3.19
85	**T.C.**	37.8	38.6	38.8	43.0	46.5	39.4	39.6	39.7	43.6	47.1	41.0	40.6	40.7	44.3	47.7
	S.C.	37.5	34.1	28.7	28.4	22.4	39.1	36.4	30.8	30.2	23.4	40.7	38.7	32.9	32.0	24.5
	KW	3.38	3.39	3.39	3.44	3.50	3.41	3.41	3.41	3.46	3.51	3.43	3.42	3.42	3.47	3.52
95	**T.C.**	35.8	35.9	36.3	40.9	44.8	37.5	36.9	37.3	41.5	45.2	39.2	37.9	38.2	42.1	45.6
	S.C.	35.4	33.0	27.6	27.7	21.7	37.1	35.3	30.0	29.8	23.0	38.8	37.6	32.3	31.9	24.4
	KW	3.67	3.68	3.68	3.76	3.82	3.71	3.70	3.70	3.77	3.83	3.75	3.72	3.72	3.79	3.84
105	**T.C.**	33.1	33.1	32.6	37.0	41.6	34.7	34.2	33.5	37.6	42.0	36.3	35.4	34.4	38.2	42.4
	S.C.	32.7	31.0	26.3	26.4	20.7	34.3	33.1	28.4	28.6	22.1	35.9	35.2	30.5	30.8	23.5
	KW	3.98	3.98	3.96	4.05	4.14	4.02	4.01	3.98	4.07	4.16	4.06	4.05	4.01	4.09	4.18
115	**T.C.**	30.5	30.2	28.9	33.3	38.4	32.0	31.6	29.8	33.8	38.8	33.4	33.0	30.8	34.4	39.3
	S.C.	30.2	29.1	25.0	25.1	19.8	31.6	30.9	26.8	27.4	21.3	33.1	32.7	28.7	29.6	22.7
	KW	4.27	4.27	4.22	4.33	4.45	4.32	4.31	4.26	4.36	4.48	4.37	4.36	4.29	4.39	4.51
125	**T.C.**	27.9	27.4	25.2	29.5	35.2	29.2	29.0	26.2	30.0	35.7	30.6	30.5	27.1	30.5	36.2
	S.C.	27.6	27.3	23.7	23.8	18.9	28.9	28.8	25.3	26.2	20.4	30.3	30.3	26.9	28.5	21.8
	KW	4.57	4.56	4.49	4.62	4.77	4.62	4.62	4.53	4.65	4.80	4.67	4.67	4.57	4.68	4.84
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).																

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC43	1.00	1.00	1.00
–	FC/MC/PC48	1.01	1.01	1.01
–	FC/MC/PC60	1.00	0.99	1.00
–	FC/MC62	1.01	1.02	1.01
–	FC64	1.01	1.03	0.99
–	UC48	1.01	1.01	1.01
RFCX42DE	–	1.01	1.03	0.93
RFCX48DE	–	1.01	1.02	0.93
RFCX60DE	–	1.01	1.04	0.93
RFCX42CP	–	1.01	1.03	1.01
RFCX48DP	–	0.99	0.97	0.99
RFCX60DP	–	1.01	1.01	1.01

Continued on next page.

Furnaces	Coils	T.C.	S.C.	KW
RGF19080CE16MP11	FC/MC/PC48C	1.00	1.00	0.97
RGF19080CE16MP11	FC/MC/PC48D	1.00	1.00	0.98
RGF19080CE16MP11	FC/MC/PC60D	1.00	0.99	0.98
RGF19080CE16MP11	FC/MC62D	1.00	1.02	0.97
RGF19080CE16MP11	FC/PC60C	1.00	0.99	0.98
RGF19080CE16MP11	FC64D	1.04	1.05	0.98
RGF19100CE16MP11	FC/MC/PC48C	1.00	1.00	0.97
RGF19100CE16MP11	FC/MC/PC48D	1.00	1.00	0.98
RGF19100CE16MP11	FC/MC/PC60D	1.00	0.99	0.98
RGF19100CE16MP11	FC/MC62D	1.00	1.02	0.97
RGF19100CE16MP11	FC/PC60C	1.00	0.99	0.98
RGF19100CE16MP11	FC64D	1.04	1.05	0.98
RGF19100CE20MP11	FC/MC/PC43C	0.99	0.97	0.94
RGF19100CE20MP11	FC/MC/PC48C	1.00	0.99	0.94
RGF19100CE20MP11	FC/MC/PC48D	1.01	1.01	0.95
RGF19100CE20MP11	FC/MC/PC60D	1.01	1.00	0.95
RGF19100CE20MP11	FC/MC62D	1.01	1.03	0.95
RGF19100CE20MP11	FC64D	1.05	1.07	0.95
RGF19100CE20MP11	UC48C	0.98	0.97	0.94
RGF19100CE20MP11	UC48D	0.98	0.97	0.95
RGF19100CE20MP11	UC60D	0.99	0.98	0.97
RGF19120DE20MP11	FC/MC/PC48D	1.00	0.99	0.94
RGF19120DE20MP11	FC/MC/PC60D	1.00	0.98	0.94
RGF19120DE20MP11	FC/MC62D	1.00	1.00	0.94
RGF19120DE20MP11	FC64D	1.04	1.03	0.94
RGF19120DE20MP11	UC48D	0.98	0.97	0.93
RGF19120DE20MP11	UC60D	0.99	0.98	0.93
RGF19080CE16MP12	FC/MC/PC48C	1.00	1.00	0.97
RGF19080CE16MP12	FC/MC/PC48D	1.00	1.00	0.98
RGF19080CE16MP12	FC/MC/PC60D	1.00	0.99	0.98
RGF19080CE16MP12	FC/MC62D	1.00	1.02	0.97
RGF19080CE16MP12	FC/PC60C	1.00	0.99	0.98
RGF19080CE16MP12	FC64D	1.04	1.05	0.98
RGF19100CE16MP12	FC/MC/PC48C	1.00	1.00	0.97
RGF19100CE16MP12	FC/MC/PC48D	1.00	1.00	0.98
RGF19100CE16MP12	FC/MC/PC60D	1.00	0.99	0.98
RGF19100CE16MP12	FC/MC62D	1.00	1.02	0.97
RGF19100CE16MP12	FC/PC60C	1.00	0.99	0.98
RGF19100CE16MP12	FC64D	1.04	1.05	0.98
RGF19100CE20MP12	FC/MC/PC43C	0.99	0.97	0.94
RGF19100CE20MP12	FC/MC/PC48C	1.00	0.99	0.94
RGF19100CE20MP12	FC/MC/PC48D	1.01	1.01	0.95
RGF19100CE20MP12	FC/MC/PC60D	1.01	1.00	0.95
RGF19100CE20MP12	FC/MC62D	1.01	1.03	0.95
RGF19100CE20MP12	FC64D	1.05	1.07	0.95
RGF19100CE20MP12	UC48C	0.98	0.97	0.94
RGF19100CE20MP12	UC48D	0.98	0.97	0.95
RGF19100CE20MP12	UC60D	0.99	0.98	0.97
RGF19120DE20MP12	FC/MC/PC48D	1.00	0.99	0.94
RGF19120DE20MP12	FC/MC/PC60D	1.00	0.98	0.94
RGF19120DE20MP12	FC/MC62D	1.00	1.00	0.94
RGF19120DE20MP12	FC64D	1.04	1.03	0.94
RGF19120DE20MP12	UC48D	0.98	0.97	0.93
RGF19120DE20MP12	UC60D	0.99	0.98	0.93
RGF1L080CE16MP11	FC/MC/PC43C	0.99	0.98	0.93
RGF1L080CE16MP11	FC/MC/PC48C	1.00	0.99	0.94
RGF1L080CE16MP11	FC/MC/PC48D	1.01	1.01	0.94
RGF1L080CE16MP11	FC/MC/PC60D	1.01	1.00	0.94
RGF1L080CE16MP11	FC/MC62D	1.01	1.03	0.94
RGF1L080CE16MP11	FC/PC60C	1.01	1.00	0.95
RGF1L080CE16MP11	FC64D	1.05	1.07	0.95
RGF1L080CE16MP11	UC48C	0.98	0.97	0.93
RGF1L080CE16MP11	UC48D	0.98	0.97	0.95
RGF1L080CE16MP11	UC60C	0.99	0.98	0.93
RGF1L080CE16MP11	UC60D	0.99	0.98	0.97
RGF1L100CE16MP11	FC/MC/PC43C	0.99	0.98	0.93
RGF1L100CE16MP11	FC/MC/PC48C	1.00	0.99	0.94
RGF1L100CE16MP11	FC/MC/PC48D	1.01	1.01	0.94
RGF1L100CE16MP11	FC/MC/PC60D	1.01	1.00	0.94
RGF1L100CE16MP11	FC/MC62D	1.01	1.03	0.94
RGF1L100CE16MP11	FC/PC60C	1.01	1.00	0.95
RGF1L100CE16MP11	FC64D	1.05	1.07	0.95
RGF1L100CE16MP11	UC48C	0.98	0.97	0.93
RGF1L100CE16MP11	UC48D	0.98	0.97	0.95
RGF1L100CE16MP11	UC60C	0.99	0.98	0.93
RGF1L100CE16MP11	UC60D	0.99	0.98	0.97
RGF1L100CE20MP11	FC/MC/PC43C	0.99	0.98	0.93
RGF1L100CE20MP11	FC/MC/PC48C	1.01	1.01	0.94
RGF1L100CE20MP11	FC/MC/PC48D	1.01	1.01	0.94
RGF1L100CE20MP11	FC/MC/PC60D	1.01	1.01	0.94
RGF1L100CE20MP11	FC/MC62D	1.01	1.03	0.93
RGF1L100CE20MP11	FC/PC60C	1.01	1.00	0.94
RGF1L100CE20MP11	FC64D	1.05	1.07	0.95
RGF1L100CE20MP11	UC48C	0.98	0.97	0.93
RGF1L100CE20MP11	UC48D	1.00	1.01	0.96
RGF1L100CE20MP11	UC60C	0.99	0.98	0.93
RGF1L100CE20MP11	UC60D	0.99	0.98	0.97
RGF1L120CE20MP11	FC/MC/PC43C	0.99	0.98	0.93
RGF1L120CE20MP11	FC/MC/PC48C	1.01	1.01	0.94
RGF1L120CE20MP11	FC/MC/PC48D	1.01	1.01	0.94
RGF1L120CE20MP11	FC/MC/PC60D	1.01	1.01	0.94
RGF1L120CE20MP11	FC/MC62D	1.01	1.03	0.93
RGF1L120CE20MP11	FC/PC60C	1.01	1.00	0.94
RGF1L120CE20MP11	FC64D	1.05	1.07	0.95
RGF1L120CE20MP11	UC48C	0.98	0.97	0.93
RGF1L120CE20MP11	UC48D	1.00	1.01	0.96
RGF1L120CE20MP11	UC60C	0.99	0.98	0.93
RGF1L120CE20MP11	UC60D	0.99	0.98	0.97

COOLING PERFORMANCE DATA

AIR CONDITIONER MODEL NO.		RAC13J484S21(E)														
INDOOR COIL MODEL NO.		FC/MC/PC48														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	ID CFM	1400					1600					1800				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	49.7	51.4	50.5	55.8	54.6	52.0	53.1	51.9	56.3	55.4	54.4	54.7	53.2	56.9	56.3
	S.C.	46.9	42.8	35.7	35.7	25.9	48.8	45.6	37.9	37.1	27.3	50.8	48.3	40.1	38.5	28.8
	KW	3.36	3.41	3.42	3.45	3.50	3.38	3.42	3.43	3.46	3.52	3.41	3.43	3.45	3.47	3.53
75	T.C.	47.5	48.6	47.7	52.8	52.3	49.8	50.3	48.9	53.6	53.1	52.0	52.1	50.1	54.3	53.8
	S.C.	44.6	41.7	34.7	34.6	25.2	46.6	44.5	36.9	36.3	26.6	48.6	47.2	39.0	37.9	27.9
	KW	3.65	3.68	3.68	3.74	3.82	3.67	3.70	3.70	3.76	3.83	3.70	3.72	3.72	3.77	3.85
85	T.C.	45.4	45.8	44.8	49.9	50.1	47.5	47.6	46.0	50.8	50.7	49.7	49.4	47.1	51.7	51.3
	S.C.	42.3	40.6	33.7	33.5	24.6	44.4	43.4	35.8	35.4	25.8	46.4	46.1	37.9	37.3	27.0
	KW	3.93	3.95	3.95	4.04	4.14	3.97	3.98	3.97	4.06	4.15	4.00	4.01	3.99	4.08	4.17
95	T.C.	43.2	42.9	42.0	46.9	47.9	45.3	44.8	43.0	48.0	48.4	47.3	46.7	44.1	49.1	48.9
	S.C.	40.1	39.6	32.7	32.4	23.9	42.1	42.3	34.8	34.6	25.0	44.2	45.0	36.9	36.7	26.1
	KW	4.22	4.22	4.22	4.34	4.46	4.26	4.26	4.24	4.36	4.47	4.30	4.30	4.27	4.39	4.49
105	T.C.	39.8	39.3	37.3	42.4	43.5	41.6	41.1	38.4	43.4	44.0	43.4	42.8	39.5	44.3	44.5
	S.C.	36.8	36.7	30.7	30.7	22.7	38.6	39.0	32.7	32.8	23.7	40.5	41.2	34.7	34.9	24.8
	KW	4.52	4.52	4.49	4.62	4.77	4.57	4.57	4.52	4.65	4.79	4.61	4.61	4.55	4.67	4.81
115	T.C.	36.4	35.9	32.7	37.9	39.3	38.0	37.5	33.9	38.9	39.7	39.6	39.0	35.1	39.8	40.2
	S.C.	33.6	34.0	28.7	29.0	21.5	35.2	35.7	30.6	31.1	22.5	36.9	37.4	32.5	33.1	23.6
	KW	4.82	4.82	4.76	4.89	5.07	4.87	4.86	4.79	4.92	5.10	4.92	4.91	4.82	4.95	5.13
125	T.C.	33.1	32.4	28.1	33.5	35.0	34.5	33.8	29.4	34.4	35.5	35.9	35.3	30.6	35.2	35.9
	S.C.	30.4	31.2	26.7	27.3	20.3	31.9	32.5	28.5	29.3	21.3	33.3	33.7	30.4	31.3	22.3
	KW	5.11	5.11	5.02	5.17	5.38	5.17	5.16	5.06	5.20	5.41	5.22	5.21	5.09	5.23	5.44

NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC48	1.00	1.00	1.00
–	FC/MC/PC60	1.00	1.00	1.00
–	UC48	1.00	1.00	1.00
–	UC60	1.00	1.00	1.00
RFCX48DE	–	0.98	1.01	0.94
RFCX48DP	–	1.00	1.01	1.00

Furnaces	Coils	T.C.	S.C.	KW
RGF19100CE20MP11	FC/MC/PC48C	0.99	0.98	0.97
RGF19120DE20MP11	FC/MC/PC48D	1.00	0.99	0.96
RGF19120DE20MP11	FC/MC/PC60D	1.01	1.01	0.97
RGF19100CE20MP12	FC/MC/PC48C	0.99	0.98	0.97
RGF19120DE20MP12	FC/MC/PC48D	1.00	0.99	0.96
RGF19120DE20MP12	FC/MC/PC60D	1.01	1.01	0.97
RGF1L080CE16MP11	FC/MC/PC48C	1.00	0.99	1.00
RGF1L080CE16MP11	FC/PC60C	1.00	1.00	1.00
RGF1L100CE16MP11	FC/MC/PC48C	1.00	0.99	1.00
RGF1L100CE16MP11	FC/PC60C	1.00	1.00	1.00
RGF1L100CE20MP11	FC/MC/PC48C	1.00	1.00	0.96
RGF1L100CE20MP11	FC/MC/PC60D	1.01	1.01	0.97
RGF1L100CE20MP11	FC/PC60C	1.01	1.01	0.97
RGF1L120CE20MP11	FC/MC/PC48C	1.00	1.00	0.96
RGF1L120CE20MP11	FC/MC/PC60D	1.01	1.01	0.97
RGF1L120CE20MP11	FC/PC60C	1.01	1.01	0.97

COOLING PERFORMANCE DATA																
AIR CONDITIONER MODEL NO.		**RAC13J604S21(E)**														
INDOOR COIL MODEL NO.		**FC/MC/PC60**														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	**ID CFM**	**1600**					**1800**					**2000**				
	ID DB (°F)	**80**	**80**	**75**	**80**	**80**	**80**	**80**	**75**	**80**	**80**	**80**	**80**	**75**	**80**	**80**
	ID WB (°F)	**57**	**62**	**62**	**67**	**72**	**57**	**62**	**62**	**67**	**72**	**57**	**62**	**62**	**67**	**72**
65	**T.C.**	51.4	54.0	54.3	58.2	61.8	52.3	54.7	54.9	59.1	62.4	53.3	55.5	55.4	60.0	63.1
	S.C.	51.4	44.9	38.8	37.5	30.3	52.3	46.7	40.6	38.6	31.1	53.3	48.6	42.3	39.8	31.8
	KW	3.31	3.33	3.34	3.34	3.41	3.32	3.33	3.35	3.37	3.41	3.33	3.33	3.35	3.40	3.41
75	**T.C.**	50.5	52.7	52.8	56.9	60.2	51.6	53.5	53.5	57.7	60.8	52.6	54.3	54.1	58.6	61.4
	S.C.	50.5	45.3	38.8	37.5	29.7	51.6	47.2	40.6	38.8	30.6	52.6	49.2	42.4	40.1	31.4
	KW	3.85	3.86	3.87	3.89	3.95	3.86	3.86	3.87	3.91	3.95	3.87	3.87	3.88	3.94	3.96
85	**T.C.**	49.6	51.5	51.3	55.5	58.5	50.8	52.3	52.1	56.4	59.2	52.0	53.1	52.8	57.2	59.8
	S.C.	49.6	45.7	38.8	37.6	29.1	50.8	47.7	40.7	38.9	30.1	52.0	49.8	42.5	40.3	31.0
	KW	4.38	4.39	4.39	4.44	4.49	4.39	4.40	4.40	4.46	4.50	4.41	4.41	4.41	4.47	4.51
95	**T.C.**	48.8	50.2	49.8	54.2	56.9	50.0	51.1	50.6	55.0	57.5	51.3	51.9	51.4	55.8	58.2
	S.C.	48.7	46.1	38.8	37.6	28.5	50.0	48.2	40.7	39.1	29.6	51.3	50.4	42.6	40.6	30.6
	KW	4.91	4.92	4.92	4.99	5.03	4.92	4.93	4.93	5.00	5.05	4.94	4.94	4.94	5.01	5.06
105	**T.C.**	45.2	47.2	45.7	49.9	53.2	46.4	47.7	46.5	50.6	53.7	47.6	48.3	47.3	51.2	54.2
	S.C.	45.1	43.7	37.1	35.8	27.3	46.4	45.4	38.9	37.3	28.4	47.6	47.1	40.7	38.8	29.4
	KW	5.63	5.64	5.63	5.71	5.80	5.66	5.66	5.64	5.73	5.81	5.69	5.69	5.66	5.75	5.82
115	**T.C.**	41.8	44.2	41.7	45.7	49.7	42.9	44.5	42.5	46.2	50.0	44.0	44.8	43.2	46.8	50.3
	S.C.	41.7	41.4	35.4	34.1	26.2	42.8	42.7	37.1	35.6	27.2	43.9	43.9	38.9	37.1	28.2
	KW	6.34	6.34	6.31	6.40	6.54	6.38	6.38	6.33	6.44	6.55	6.41	6.41	6.35	6.47	6.57
125	**T.C.**	38.4	41.2	37.8	41.5	46.2	39.3	41.2	38.5	41.9	46.3	40.3	41.2	39.1	42.3	46.5
	S.C.	38.2	39.2	33.6	32.3	25.0	39.2	40.0	35.3	33.8	26.0	40.2	40.8	37.0	35.3	27.0
	KW	7.04	7.04	7.00	7.10	7.27	7.09	7.09	7.02	7.14	7.29	7.14	7.14	7.04	7.18	7.31
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).																

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC60	1.00	1.00	1.00
–	FC/MC62	1.01	1.03	1.01
–	FC64	1.05	1.08	1.02
–	UC60	0.97	0.95	1.00
RFCX60DE	–	1.03	1.05	0.98
RFCX60DP	–	1.00	1.00	1.00

Furnaces	Coils	T.C.	S.C.	KW
RGF19100CE20MP11	FC64D	1.02	1.00	1.00
RGF19120DE20MP11	FC64D	1.02	1.00	1.00
RGF19100CE20MP12	FC64D	1.02	1.00	1.00
RGF19120DE20MP12	FC64D	1.02	1.00	1.00
RGF1L080CE16MP11	FC64D	1.02	1.00	1.00
RGF1L100CE16MP11	FC64D	1.02	1.00	1.00
RGF1L100CE20MP11	FC64D	1.03	1.02	0.98
RGF1L120CE20MP11	FC64D	1.03	1.02	0.98

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York International Corp.
5005 York Drive
Norman, OK 73069