



## HEATING & AIR CONDITIONING

### TECHNICAL GUIDE

#### SPLIT-SYSTEM AIR CONDITIONERS

13 SEER – R-22

MODELS:

TCGD12 THRU 60

(1 THRU 5 NOMINAL TONS, 1 PHASE)



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

Visit us on the web at [www.york.com](http://www.york.com)

Additional rating information can be found at [www.ahridirectory.org](http://www.ahridirectory.org)

#### WARRANTY

5-year limited parts warranty.  
5-year limited compressor warranty.

#### 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

- **Quality Condenser Coils** - The coil is constructed of aluminum microchannel tubing and enhanced aluminum fins for increased efficiency and corrosion protection.
- **Protected Compressor** - The compressor is internally protected against high pressure and temperature. This is accomplished by the simultaneous operation of high pressure relief valve and a temperature sensor which protects the compressor if undesirable operating conditions occur. A liquid line filter-drier further protects the compressor.
- **Durable Finish** - The cabinet is made of pre-painted steel. The pre-treated galvanized steel provides a better paint to steel bond, which resists corrosion and rust creep. Special primer formulas and matted-textured finish insure less fading when exposed to sunlight.
- **Lower Installed Cost** - Installation time and costs are reduced by easy power and control wiring connections. Available in sweat connect models only. The unit contains enough refrigerant for matching indoor coils and 15 feet of interconnecting piping. The small base dimension means less space is required on the ground or roof.
- **Top Discharge** - The warm air from the top mounted fan is blown up away from the structure and any landscaping. This allows compact location on multi-unit applications.
- **Low Operating Sound Level** - 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 rippled fins of 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.
- **U.L. and C.U.L. Listed** - approved for outdoor application.
- **Agency Listed** - U.L. and C.U.L. listed - approved for outdoor application. The unit is certified in accordance with the Unitary Small Equipment certification program, which is based on ARI Standard 210/240.

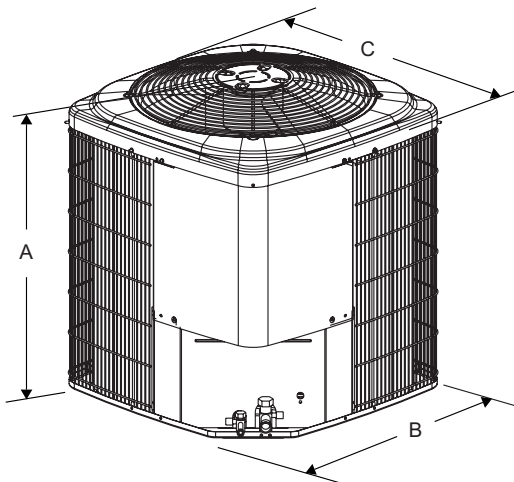
## Physical and Electrical Data

MODEL	TCGD12 S21S2(H)	TCGD18 S21S2(H)	TCGD24 S21S2(H)	TCGD30 S21S2(H)	TCGD36 S21S2(H)	TCGD42 S21S2(H)	TCGD48 S21S2(H)	TCGD60 S21S2
Unit Supply Voltage	208-230V, 1 $\phi$ , 60Hz							
Normal Voltage Range <sup>1</sup>	187 to 252							
Minimum Circuit Ampacity	6.5	9.0	11.3	14.0	18.2	19.9	22.7	33.5
Max. Overcurrent Device Amps <sup>2</sup>	15	15	15	20	30	30	35	50
Min. Overcurrent Device Amps <sup>3</sup>	15	15	15	15	20	20	25	35
Compressor Type	Rotary	Rotary	Rotary	Recip	Recip	Recip	Recip	Scroll
Compressor Amps	Rated Load	4.8	6.8	8.4	10.6	13.4	14.7	25.6
	Locked Rotor	26.0	40.0	47.0	61.0	78.0	78.0	150.0
Crankcase Heater	No	No	No	No	No	No	No	No
Fan Motor Amps	Rated Load	0.50	0.50	0.80	0.80	1.4	1.5	1.5
	Fan Diameter Inches	18	18	18	18	18	22	22
Fan Motor	Rated HP	1/12	1/12	1/8	1/8	1/4	1/4	1/4
	Nominal RPM	1100	1100	1075	1075	1100	850	850
	Nominal CFM	1350	1550	1850	1950	2400	3000	3300
Coil	Face Area Sq. Ft.	8.1	9.7	9.7	11.3	12.1	16.5	19.75
	Rows Deep	1	1	1	1	1	1	1
	Fin / Inches	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	3/8
Vapor Line Set OD (Field Installed)	5/8	5/8	3/4	3/4	3/4	7/8	7/8	1-1/8
Unit Charge (Lbs. - Oz.) <sup>4</sup>	3 - 2	3 - 0	3 - 13	3 - 7	3 - 15	4 - 2	4 - 5	5 - 4
Charge Per Foot, Oz.	0.66	0.66	0.68	0.68	0.68	0.70	0.70	0.76
Operating Weight Lbs.	96	110	130	150	160	175	176	200

Models with "H" on the end of the model number have a factory installed start kits.

1. Rated in accordance with ARI Standard 110, 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. The Unit Charge is correct for the outdoor unit, matched indoor coil and 15 feet of refrigerant tubing. For tubing lengths other than 15 feet, add or subtract the amount of refrigerant, using the difference in length multiplied by the per foot value.

All dimensions are in inches. They are subject to change without notice. Certified dimensions will be provided upon request.



Unit Model	Dimensions (Inches)			Refrigerant Connection Service Valve Size	
	A <sup>1</sup>	B	C	Liquid	Vapor
12	24	23-1/2	23-1/2	3/8"	3/4"
18	28	23-1/2	23-1/2		
24	28	23-1/2	23-1/2		
30	32	23-1/2	23-1/2		
36	34	23-1/2	23-1/2		
42	34	29	29		
48	34	29	29		
60	40	29	29	7/8" <sup>2</sup>	

1. Including Fan Guard.
2. Expander fitting required for 1-1/8" lineset.

System Charge for Various Matched Systems								
Outdoor Unit	TCGD12 S21S2(H)	TCGD18 S21S2(H)	TCGD24 S21S2(H)	TCGD30 S21S2(H)	TCGD36 S21S2(H)	TCGD42 S21S2(H)	TCGD48 S21S2(H)	TCGD60 S21S2
Required Orifice or TXV <sup>1,2</sup>	0.041/2A	0.052/2A	0.059/0.061/2A	0.065/2A	0.073/2A	0.081/2C	0.084/2C	0.096/2C
Factory R-22 Charge, lbs-oz	3 - 2	3 - 0	3 - 13	3 - 7	3 - 15	4 - 2	4 - 5	5 - 4
Indoor Coil <sup>3,4</sup>	Additional Charge, oz							
AHP18	0	0	-	-	-	-	-	-
AHP24	-	0	-	-	-	-	-	-
AHP30	-	-	61 + 3	4	-	-	-	-
AHP36	-	-	-	-	4	-	-	-
AHP42	-	-	-	-	4	0	-	-
AHP48	-	-	-	-	-	-	0	-
AHP/SHP60	-	-	-	-	-	-	0	-
AHX18	-	0	-	-	-	-	-	-
AHX30	-	-	61 + 3	4	-	-	-	-
AHX36	-	-	61 + 7	12	4	-	-	-
AHX42	-	-	-	-	4	5	-	-
AHX48	-	-	-	-	-	-	0	-
AHX60	-	-	-	-	-	-	-	0
AV*24	-	2	-	-	-	-	-	-
AV*36	-	-	61 + 7	12	4	-	-	-
AV/SV*48	-	-	-	-	-	-	0	-
F4FP024	-	0	-	-	-	-	-	-
F4FP036	-	-	61 + 1	-	-	-	-	-
F4FP040	-	-	-	0	-	-	-	-
F4FV060	-	-	-	-	-	-	0	-
F5FP048	-	-	-	-	0	5	2	-
F5FP060	-	-	-	-	-	-	0	-
F6FP018	-	0	-	-	-	-	-	-
F6FP030	-	-	61 + 3	4	-	-	-	-
F6FP036	-	-	61 + 3	4	-	-	-	-
F6FP042	-	-	-	-	4	5	-	-
F6FP048	-	-	-	-	-	-	0	-
F6FP060	-	-	-	-	-	-	-	0
FC/MC/PC18	0	0	-	-	-	-	-	-
FC/MC/PC18	0	0	-	-	-	-	-	-
FC/MC/PC24	-	2	-	-	-	-	-	-
FC/MC/PC24	-	2	-	-	-	-	-	-
FC/MC/PC32	-	-	61 + 3	4	-	-	-	-
FC/MC/PC35	-	-	61 + 3	4	-	-	-	-
FC/MC/PC35	-	-	61 + 3	4	-	-	-	-
FC/MC/PC36	-	-	59 + 0	-	-	-	-	-
FC/MC/PC36	-	-	59 + 0	-	-	-	-	-
FC/MC/PC36	-	-	59 + 0	-	-	-	-	-
FC/MC/PC37	-	-	61 + 7	12	4	-	-	-
FC/MC/PC43	-	-	61 + 7	12	4	0	-	-
FC/MC/PC43	-	-	61 + 7	12	4	0	-	-
FC/MC/PC48	-	-	-	-	4	5	2	-
FC/MC/PC48	-	-	-	-	4	5	2	-
FC/MC62	-	-	-	-	-	-	-	0

For Notes See Page 4.

System Charge for Various Matched Systems (Continued)								
Outdoor Unit	TCGD12 S21S2(H)	TCGD18 S21S2(H)	TCGD24 S21S2(H)	TCGD30 S21S2(H)	TCGD36 S21S2(H)	TCGD42 S21S2(H)	TCGD48 S21S2(H)	TCGD60 S21S2
Required Orifice or TXV <sup>1,2</sup>	0.041/2A	0.052/2A	0.059/0.061/2A	0.065/2A	0.073/2A	0.081/2C	0.084/2C	0.096/2C
Factory R-22 Charge, lbs-oz	3 - 2	3 - 0	3 - 13	3 - 7	3 - 15	4 - 2	4 - 5	5 - 4
<b>Indoor Coils<sup>3,4</sup></b>	<b>Additional Charge, oz</b>							
HC18	0	0	-	-	-	-	-	-
HC30	-	-	59 + 0	-	-	-	-	-
HC36	-	-	61 + 3	4	-	-	-	-
HC42	-	-	61 + 7	12	4	0	-	-
UC18	0	0	-	-	-	-	-	-
UC24	-	2	-	-	-	-	-	-
UC36	-	-	0	-	-	-	-	-
UC48	-	-	-	-	4	5	2	-

**FOOTNOTES:**

1. For applications requiring a TXV use 1TVM series kit.
2. Approved orifice shipped with outdoor unit.
3. Systems matched with furnace or air handlers not equipped with blower-off delays may require blower Time Delay Kit 2FD06700224.
4. PC coils cannot be used in downflow or horizontal applications. FC coils cannot be used in horizontal applications.

**PROCEDURES:**

1. Unit factory charge listed on the unit nameplate includes refrigerant for the condenser, the smallest evaporator and 15 feet of interconnecting line tubing.
2. Verify the TXV or orifice and additional charge required for specific evaporator coil in the system using the above table.
3. 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 TXV match charge weight needs to be weighed in for specific coil match and lineset length.
5. Permanently mark the unit nameplate with the total system charge. Total System Charge = Base Charge (as shipped) + adder for evaporator + adder for line set.

**IMPORTANT**

**Models 12-48 require start kits for TXV matches. Models with "H" on the end of the model number have factory installed start kits. For models without an "H" refer to tech guide for kit number reference.**

**COOLING CAPACITY - With Air Handler Coils**

UNIT MODEL	AIR HANDLER		COIL MODEL <sup>1</sup>	COOLING				
	MODEL	W		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
<b>13 SEER AC WITH MA</b>								
TCGD18S21S2(H)	MA08B	17	FC/MC18B	600	18.0	12.6	13.00	11.00
	MA08B	17	FC/MC24B	600	18.0	12.6	13.00	11.00
TCGD24S21S2(H)	MA08B	17	FC/MC35B	800	24.0	17.2	13.00	11.00
	MA08B	17	FC/MC36B	800	24.0	17.2	13.00	11.00
	MA08B	17	FC/MC43B	800	24.0	17.2	13.00	11.00
TCGD30S21S2(H)	MA12B	17	FC/MC35B	1000	29.0	21.2	13.00	11.00
	MA12B	17	FC/MC43B	1000	29.0	21.2	13.00	11.00
TCGD36S21S2(H)	MA12B	17	FC/MC43B	1200	35.0	24.4	13.00	11.00
	MA14D	24	FC/MC48D	1200	35.0	24.4	13.00	11.00
TCGD42S21S2(H)	MA16C	21	FC/MC43C	1400	42.0	29.4	13.00	11.00
	MA14D	24	FC/MC48D	1400	42.0	29.4	13.00	11.00
	MA16C	21	FC/MC48C	1400	42.0	29.4	13.00	11.00
TCGD48S21S2(H)	MA16C	21	FC/MC48C	1600	46.0	32.6	13.00	11.00
	MA20D	24	FC/MC48D	1600	46.0	32.6	13.00	11.00
TCGD60S21S2	MA20D	24	FC/MC62D	1800	54.0	41.5	13.00	11.00
<b>13 SEER AC WITH MV - VARIABLE SPEED</b>								
TCGD18S21S2(H)	MV12B	17	FC/MC18B	600	18.0	13.0	14.00	12.00
	MV12B	17	FC/MC24B	600	18.0	13.0	14.00	12.00
TCGD24S21S2(H)	MV12B	17	FC/MC36B	800	24.0	17.8	14.00	12.00
	MV12B	17	FC/MC35B	800	24.0	17.8	14.00	12.00
	MV12B	17	FC/MC43B	800	24.0	17.8	14.00	12.00
TCGD30S21S2(H)	MV12B	17	FC/MC35B	1000	30.0	21.8	14.00	12.00
	MV12B	17	FC/MC43B	1000	30.0	21.8	14.00	12.00
	MV16C	21	FC/MC35C	1000	30.0	21.8	14.00	12.00
	MV16C	21	FC/MC43C	1000	30.0	21.8	14.00	12.00
TCGD36S21S2(H)	MV16C	21	FC/MC43C	1200	36.0	25.0	14.00	12.00
	MV16C	21	FC/MC48C	1200	36.0	25.2	14.00	12.00
	MV20D	24	FC/MC48D	1200	36.0	25.2	14.00	12.00
	MV12D	24	FC/MC48D	1135	35.0	25.2	14.00	12.00
TCGD42S21S2(H)	MV16C	21	FC/MC43C	1400	42.0	30.0	14.00	12.00
	MV16C	21	FC/MC48C	1400	42.0	30.0	14.00	12.00
	MV20D	24	FC/MC48D	1400	42.0	30.0	14.00	12.00
TCGD48S21S2(H)	MV16C	21	FC/MC48C	1600	45.0	33.2	13.50	11.00
	MV20D	24	FC/MC48D	1600	46.0	33.0	13.50	11.00
TCGD60S21S2	MV20D	24	FC/MC62D	1800	55.0	41.5	13.50	11.00
<b>13 SEER AC WITH AV / SV / F*FV VARIABLE SPEED</b>								
TCGD18S21S2(H)	AV*24	17	-	565	18.0	13.1	14.00	12.00
TCGD24S21S2(H)	AV*36	21	-	725	24.0	19.3	15.00	12.50
TCGD30S21S2(H)	AV*36	21	-	960	30.0	22.2	14.50	12.00
TCGD36S21S2(H)	AV*36	21	-	1190	35.0	25.2	14.00	12.00
TCGD48S21S2(H)	AV/SV*48	24	-	1625	46.0	33.2	13.50	11.70
	AV/SV*60	24	-	1560	46.5	33.4	14.00	11.80
	F4FV060	24	-	1600	46.0	33.2	13.50	11.60

For Notes See Page 6.

**COOLING CAPACITY - With Air Handler Coils (Continued)**

UNIT MODEL	AIR HANDLER		COIL MODEL <sup>1</sup>	COOLING				
	MODEL	W		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
<b>13 SEER AC WITH AHP / SHP / AHX / F*FP</b>								
TCGD12S21S2(H)	AHP18	17	—	450	12.0	8.9	13.00	11.00
TCGD18S21S2(H)	AHP18	17	—	650	18.0	12.6	13.00	11.00
	AHP24	17	—	650	18.0	12.6	13.00	11.00
	AHX18	17	—	630	18.0	13.0	14.50	12.00
	F4FP024	18	—	600	18.0	12.6	13.00	11.00
	F6FP018	17	—	600	18.0	13.0	14.50	12.00
TCGD24S21S2(H)	AHP30	17	—	795	24.0	17.3	13.00	11.00
	AHX30	17	—	820	24.0	17.5	14.50	12.00
	AHX36	21	—	815	24.0	17.6	15.00	12.50
	F4FP036	21.5	—	860	24.0	17.3	13.00	11.00
	F6FP030	17	—	850	24.0	17.5	14.00	12.00
TCGD30S21S2(H)	F6FP036	21	—	855	24.0	17.7	14.50	12.00
	AHP30	17	—	1015	29.0	21.2	13.00	11.00
	AHP36	21	—	1015	29.0	21.2	13.00	11.00
	AHX30	17	—	1025	30.0	21.9	14.00	11.90
	AHX36	21	—	1005	30.0	21.8	14.50	12.00
	F4FP040	21.5	—	1000	29.0	21.2	13.00	11.00
TCGD36S21S2(H)	F6FP030	17	—	1035	29.8	21.6	13.50	11.50
	F6FP036	21	—	980	29.8	21.4	14.50	12.00
	AHP36	21	—	1235	35.0	24.4	13.00	11.00
	AHX36	21	—	1225	35.6	26.6	14.00	12.00
	AHX42	21	—	1190	36.0	26.5	14.50	12.00
TCGD42S21S2(H)	F5FP048	24	—	1235	35.0	24.4	13.00	11.00
	F6FP042	21	—	1290	36.0	25.9	14.00	12.00
	AHP42	21	—	1485	42.0	29.4	13.00	11.00
	AHP48	24	—	1600	46.0	33.0	13.00	11.00
	AHX42	21	—	1395	42.0	30.2	14.50	12.00
TCGD48S21S2(H)	F5FP048	24	—	1455	42.0	29.4	13.00	11.00
	F6FP042	21	—	1455	42.0	30.4	14.00	11.80
	AHP/SHP60	24	—	1600	46.0	33.0	13.00	11.00
	AHX48	24	—	1660	46.5	34.0	14.00	11.70
	F5FP048	24	—	1690	46.0	33.0	13.00	11.00
TCGD60S21S2	F5FP060	24	—	1680	46.0	33.0	13.00	11.00
	F6FP048	24	—	1625	45.0	32.8	13.50	11.50
	AHX60	24	—	1905	55.5	42.0	13.00	11.00
	F6FP060	24	—	1710	55.0	41.0	13.50	11.40

Rated in accordance with DOE test procedures (Federal Register 12-27-79 and 3-18-88) and ARI Standards 210.  
Cooling MBH based on 80°F entering air temperature, 50% RH, and rated air flow.  
EER (Energy Efficiency Ratio) is the total cooling output in BTU's 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 BTU's 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.

**COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils**

UNIT MODEL	FURNACE**		COIL MODEL	COOLING				
	CFM RANGE (Min.-max.)	W		RATED CFM	NET MBH		SEER <sup>1</sup>	EER
					TOTAL	SENS.		
TCGD12S21S2(H)	450 - 750	14,17	FC/MC/PC18	450	12.0	9.1	13.00	11.00
	450 - 750	14	HC18	450	12.0	9.1	13.00	11.00
	450 - 750	14,17	UC18	450	12.0	9.1	13.00	11.00
TCGD18S21S2(H)	450 - 750	14,17	FC/MC/PC18	600	18.0	12.6	13.00	11.00
	450 - 750	14,17	FC/MC/PC24	600	18.0	12.6	13.00	11.00
	450 - 750	14	HC18	600	18.0	12.6	13.00	11.00
	450 - 750	14,17	UC18	600	18.0	12.6	13.00	11.00
	450 - 750	14,17	UC24	600	18.0	12.6	13.00	11.00
TCGD24S21S2(H)	600 - 1000	14	FC/MC/PC32	800	24.0	17.2	13.00	11.00
	600 - 1000	17,21	FC/MC/PC35	800	24.0	17.2	13.00	11.00
	600 - 1000	14,17,21	FC/MC/PC36	800	24.0	17.2	13.00	11.00
	600 - 1000	14	FC/MC/PC37	800	24.0	17.2	13.00	11.00
	600 - 1000	17,21	FC/MC/PC43	800	24.0	17.2	13.00	11.00
	600 - 1000	14	HC30	800	24.0	17.2	13.00	11.00
	600 - 1000	17	HC36	800	24.0	17.2	13.00	11.00
	600 - 1000	21	HC42	800	24.0	17.2	13.00	11.00
TCGD30S21S2(H)	800 - 1200	14	FC/MC/PC32	1000	29.0	21.2	13.00	11.00
	800 - 1200	17,21	FC/MC/PC35	1000	29.0	21.2	13.00	11.00
	800 - 1200	14	FC/MC/PC37	1000	29.0	21.2	13.00	11.00
	800 - 1200	17,21	FC/MC/PC43	1000	29.0	21.2	13.00	11.00
	800 - 1200	17	HC36	1000	29.0	21.2	13.00	11.00
	800 - 1200	21	HC42	1000	29.0	21.2	13.00	11.00
TCGD36S21S2(H)	1000 - 1400	14	FC/MC/PC37	1200	35.0	24.4	13.00	11.00
	1000 - 1400	17,21	FC/MC/PC43	1200	35.0	24.4	13.00	11.00
	1000 - 1400	21,24	FC/MC/PC48	1200	35.0	24.4	13.00	11.00
	1000 - 1400	21	HC42	1200	35.0	24.4	13.00	11.00
	1000 - 1400	21,24	UC48	1200	35.0	24.4	13.00	11.00
TCGD42S21S2(H)	1200 - 1600	17,21	FC/MC/PC43	1400	42.0	29.4	13.00	11.00
	1200 - 1600	21,24	FC/MC/PC48	1400	42.0	29.4	13.00	11.00
	1200 - 1600	21	HC42	1400	42.0	29.4	13.00	11.00
	1200 - 1600	21,24	UC48	1400	42.0	29.4	13.00	11.00
TCGD48S21S2(H)	1400 - 1800	21,24	FC/MC/PC48	1550	46.0	32.6	13.00	11.00
	1400 - 1800	21,24	UC48	1550	46.0	32.6	13.00	11.00
TCGD60S21S2	1600 - 2000	24	FC/MC62	2000	55.0	41.0	13.00	11.00

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

\*\* Refer to Quick Selection Chart for specific furnace match-up.

**COOLING CAPACITY - With High Efficiency Motor Furnaces**

UNIT MODEL	FURNACE MODEL	COIL MODEL <sup>1</sup>	W	COOLING				
				RATED CFM	Net MBH		SEER	EER
					TOTAL	SENS.		
<b>13 SEER AC WITH VARIABLE SPEED FURNACES<sup>2</sup></b>								
TCGD18S21S2(H)	T*(8,L)X*A12	FC/MC/PC18A	14	540	18.0	12.5	14.50	12.00
	T*(8,L)X*B12	FC/MC/PC18B	17	580	18.0	12.7	14.50	12.50
	T*9X*B12	FC/MC/PC18B	17	590	18.0	12.7	14.50	12.50
	T*(8,L)X*A12	FC/MC/PC24A	14	595	18.0	12.9	14.50	12.50
	T*(8,L)X*B12	FC/MC/PC24B	17	620	18.0	12.9	14.50	12.50
	T*9X*B12	FC/MC/PC24B	17	615	18.0	12.9	14.50	12.50
	T*(8,L)X*A12	UC18A	14	590	18.0	12.9	14.50	12.50
	T*(8,L)X*B12	UC18B	17	595	18.0	12.9	14.50	12.50
	T*9X*B12	UC18B	17	590	18.0	12.9	14.50	12.50
	T*(8,L)X*A12	UC24A	14	570	18.0	12.8	14.50	12.50
	T*(8,L)X*B12	UC24B	17	575	18.0	12.8	14.50	12.50
	T*9X*B12	UC24B	17	615	18.0	13.1	14.50	12.50
	C*(8,L)C*A12	FC/MC/PC18A	14	620	18.0	14.0	14.50	12.50
	C*(8,L)C*B12	FC/MC/PC18B	17	580	18.0	13.7	14.50	12.50
	(C*9C/T*9V)*B12	FC/MC/PC18B	17	610	18.0	13.9	14.50	12.50
	C*(8,L)C*A12	FC/MC/PC24A	14	640	18.0	14.3	14.50	12.50
	C*(8,L)C*B12	FC/MC/PC24B	17	575	18.0	13.8	14.50	12.50
	(C*9C/T*9V)*B12	FC/MC/PC24B	17	610	18.0	14.3	14.50	12.50
	C*(8,L)C*A12	HC18	14	620	18.0	13.9	14.50	12.50
	C*(8,L)C*A12	UC18A	14	620	18.0	14.0	14.50	12.50
	C*(8,L)C*B12	UC18B	17	580	18.0	13.8	14.50	12.50
	(C*9C/T*9V)*B12	UC18B	17	610	18.0	14.0	14.50	12.50
	C*(8,L)C*A12	UC24A	14	640	18.0	14.3	14.50	12.50
	C*(8,L)C*B12	UC24B	17	575	18.0	13.8	14.50	12.50
(C*9C/T*9V)*B12	UC24B	17	610	18.0	14.3	14.50	12.50	
TCGD24S21S2(H)	T*(8,L)X*A12	FC/MC/PC32A	14	800	24.0	17.5	14.00	11.50
	T*(8,L)X*B12	FC/MC/PC35B	17	850	24.0	17.7	14.00	12.00
	T*9X*C16	FC/MC/PC35C	21	715	24.0	16.9	14.00	12.00
	T*9X*C20	FC/MC/PC35C	21	825	24.0	17.7	14.00	12.00
	T*(8,L)X*A12	FC/MC/PC36A	14	815	24.0	17.5	14.00	12.00
	T*(8,L)X*B12	FC/MC/PC36B	17	835	24.0	17.5	14.00	12.00
	T*9X*B12	FC/MC/PC36B	17	775	24.0	17.4	14.00	12.00
	T*9X*C16	FC/MC/PC36C	21	770	24.0	17.3	14.00	12.00
	T*9X*C20	FC/MC/PC36C	21	810	24.0	17.4	14.00	12.00
	T*(8,L)X*A12	FC/MC/PC37A	14	840	24.0	17.6	14.00	12.00
	T*(8,L)X*B12	FC/MC/PC43B	17	865	24.0	17.6	14.00	12.00
	T*9X*B12	FC/MC/PC43B	17	800	24.0	17.6	14.00	12.00
	T*9X*C16	FC/MC/PC43C	21	735	24.0	17.1	14.00	12.00
	T*9X*C20	FC/MC/PC43C	21	790	24.0	17.4	14.00	12.00
	T*(8,L)X*A12	UC36A	14	780	24.0	17.1	13.50	11.50
	T*(8,L)X*B12	UC36B	17	760	24.0	17.2	14.00	12.00
	T*9X*B12	UC36B	17	775	24.0	17.1	14.00	12.00
	T*9X*C16	UC36C	21	770	24.0	17.2	14.00	12.00
	T*9X*C20	UC36C	21	810	24.0	17.2	14.00	12.00
	C*(8,L)C*A12	FC/MC/PC32A	14	775	24.0	16.9	14.00	11.50
	C*(8,L)C*B12	FC/MC/PC35B	17	760	24.0	16.9	14.00	12.00
	(C*9C/T*9V)*B12	FC/MC/PC35B	17	815	24.0	17.2	14.00	12.00
	C*(8,L)C*A12	FC/MC/PC36A	14	805	24.0	17.2	14.00	12.00
	C*(8,L)C*B12	FC/MC/PC36B	17	765	24.0	17.1	14.00	12.00
(C*9C/T*9V)*B12	FC/MC/PC36B	17	815	24.0	17.1	14.00	12.00	

For Notes See Page 11.

**COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)**

UNIT MODEL	FURNACE MODEL	COIL MODEL <sup>1</sup>	W	COOLING				
				RATED CFM	Net MBH		SEER	EER
					TOTAL	SENS.		
<b>13 SEER AC WITH VARIABLE SPEED FURNACES<sup>2</sup></b>								
TCGD24S21S2(H)	C*(8,L)C*A12	FC/MC/PC37A	14	805	24.0	17.3	14.00	12.00
	C*(8,L)C*B12	FC/MC/PC43B	17	760	24.0	16.8	14.00	12.00
	(C*9C/T*9V)*B12	FC/MC/PC43B	17	800	24.0	17.1	14.00	12.00
	C*(8,L)C*A12	HC30	14	775	24.0	17.0	13.80	11.50
	C*(8,L)C*B12	HC36	17	760	24.0	16.9	14.00	12.00
	(C*9C/T*9V)*B12	HC36	17	815	24.0	17.0	14.00	12.00
	C*(8,L)C*A12	UC36A	14	805	24.0	16.9	13.50	11.50
	C*(8,L)C*B12	UC36B	17	765	24.0	16.8	14.00	12.00
	(C*9C/T*9V)*B12	UC36B	17	815	24.0	16.9	13.50	11.50
TCGD30S21S2(H)	T*(8,L)X*A12	FC/MC/PC32A	14	970	29.6	21.2	13.30	11.00
	T*(8,L)X*B12	FC/MC/PC35B	17	1120	30.0	22.5	14.00	11.50
	T*(8,L)X*C16	FC/MC/PC35C	21	1105	30.0	22.5	14.00	12.00
	T*(8,L)X*C20	FC/MC/PC35C	21	850	29.4	20.4	14.00	12.00
	T*9X*B12	FC/MC/PC35B	17	1085	30.0	22.3	14.00	12.00
	T*9X*C16	FC/MC/PC35C	21	1075	30.0	22.2	14.00	11.50
	T*(8,L)X*A12	FC/MC/PC37A	14	1105	30.0	22.6	13.80	11.50
	T*(8,L)X*B12	FC/MC/PC43B	17	1125	30.0	22.6	14.00	11.50
	T*9X*C16	FC/MC/PC43C	21	1055	30.0	22.6	14.00	11.50
	C*(8,L)C*A12	FC/MC/PC32A	14	1045	29.6	22.4	13.30	11.00
	C*(8,L)C*B12	FC/MC/PC35B	17	995	29.6	22.2	14.00	11.50
	(C*9C/T*9V)*B12	FC/MC/PC35B	17	1045	30.0	22.8	13.70	11.50
	C*(8,L)C*C16	FC/MC/PC35C	21	1025	30.0	22.8	14.00	12.00
	C*(8,L)C*C20	FC/MC/PC35C	21	1080	30.0	23.1	14.00	12.00
	(C*9C/T*9V)*C16	FC/MC/PC35C	21	1005	29.6	22.4	14.00	11.50
	(C*9C/T*9V)*C20	FC/MC/PC35C	21	985	29.6	22.2	14.00	12.00
	C*(8,L)C*A12	FC/MC/PC37A	14	980	30.0	22.5	13.80	11.50
	C*(8,L)C*B12	FC/MC/PC43B	17	990	30.0	22.8	14.00	12.00
	(C*9C/T*9V)*B12	FC/MC/PC43B	17	1035	30.0	22.8	14.00	11.50
	C*(8,L)C*C16	FC/MC/PC43C	21	990	30.0	22.7	14.00	12.00
	C*(8,L)C*C20	FC/MC/PC43C	21	1000	30.0	22.7	14.00	12.00
	(C*9C/T*9V)*C16	FC/MC/PC43C	21	1030	30.0	22.8	14.00	11.50
	(C*9C/T*9V)*C20	FC/MC/PC43C	21	995	30.0	22.9	14.00	12.00
	C*(8,L)C*B12	HC36	17	995	29.6	22.2	14.00	11.50
	(C*9C/T*9V)*B12	HC36	17	1045	30.0	22.8	13.70	11.50
	C*(8,L)C*C16	HC42	21	990	30.0	22.9	14.00	12.00
	C*(8,L)C*C20	HC42	21	1000	30.0	22.9	14.00	12.00
	(C*9C/T*9V)*C16	HC42	21	1030	30.0	22.8	14.00	11.50
(C*9C/T*9V)*C20	HC42	21	995	30.0	22.7	14.00	12.00	

For Notes See Page 11.

**COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)**

UNIT MODEL	FURNACE MODEL	COIL MODEL <sup>1</sup>	W	COOLING				
				RATED CFM	Net MBH		SEER	EER
					TOTAL	SENS.		
<b>13 SEER AC WITH VARIABLE SPEED FURNACES<sup>2</sup></b>								
TCGD36S21S2(H)	T*(8,L)X*A12	FC/MC/PC37A	14	1290	36.0	27.0	13.50	11.50
	T*(8,L)X*B12	FC/MC/PC43B	17	1300	36.0	27.0	13.40	11.00
	T*(8,L)X*C16	FC/MC/PC43C	21	1175	36.0	26.2	14.00	11.50
	T*(8,L)X*C20	FC/MC/PC43C	21	1250	36.0	27.0	14.00	12.00
	T*9X*B12	FC/MC/PC43B	17	1270	35.8	27.0	13.40	11.00
	T*9X*C16	FC/MC/PC43C	21	1260	36.0	27.0	13.50	11.50
	T*9X*C20	FC/MC/PC43C	21	1185	35.6	26.2	14.00	11.50
	T*(8,L)X*C16	FC/MC/PC48C	21	1185	36.0	26.5	14.00	11.50
	T*(8,L)X*C20	FC/MC/PC48C	21	1270	36.0	27.1	14.00	12.00
	T*9X*C16	FC/MC/PC48C	21	1280	36.0	27.0	14.00	11.50
	T*9X*C20	FC/MC/PC48C	21	1205	36.0	26.4	13.80	11.50
	T*9X*D20	FC/MC/PC48D	24	1240	36.0	26.3	14.00	12.00
	T*(8,L)X*C16	UC48C	21	1185	35.2	25.8	14.00	11.50
	T*(8,L)X*C20	UC48C	21	1300	35.8	27.0	14.00	12.00
	T*9X*C16	UC48C	21	1280	35.4	26.6	13.50	11.50
	T*9X*C20	UC48C	21	1205	35.0	25.8	13.40	11.00
	T*9X*D20	UC48D	24	1240	35.2	25.8	13.90	11.50
	C*(8,L)C*A12	FC/MC/PC37A	14	980	34.4	23.4	13.50	11.50
	C*(8,L)C*B12	FC/MC/PC43B	17	1210	35.4	25.6	13.40	11.00
	(C*9C/T*9V)*B12	FC/MC/PC43B	17	1200	35.4	25.6	13.40	11.00
	C*(8,L)C*C16	FC/MC/PC43C	21	1205	35.6	25.8	14.00	11.50
	C*(8,L)C*C20	FC/MC/PC43C	21	1190	35.6	25.8	14.00	12.00
	(C*9C/T*9V)*C16	FC/MC/PC43C	21	1240	35.4	25.6	13.50	11.50
	(C*9C/T*9V)*C20	FC/MC/PC43C	21	1200	35.6	25.8	14.00	11.50
	C*(8,L)C*C16	FC/MC/PC48C	21	1210	36.0	26.3	14.00	11.50
	C*(8,L)C*C20	FC/MC/PC48C	21	1155	36.0	26.1	14.50	12.00
	(C*9C/T*9V)*C16	FC/MC/PC48C	21	1195	36.0	26.2	14.00	11.50
	(C*9C/T*9V)*C20	FC/MC/PC48C	21	1330	36.0	26.9	13.80	11.50
	(C*9C/T*9V)*D20	FC/MC/PC48D	24	1240	36.0	26.4	14.00	12.00
	C*(8,L)C*C16	HC42	21	1205	35.6	26.0	14.00	11.50
	C*(8,L)C*C20	HC42	21	1190	35.6	26.0	14.00	12.00
	(C*9C/T*9V)*C16	HC42	21	1240	35.4	25.8	13.50	11.50
	(C*9C/T*9V)*C20	HC42	21	1200	35.6	25.8	13.80	11.50
C*(8,L)C*C16	UC48C	21	1210	35.2	25.8	14.00	11.50	
C*(8,L)C*C20	UC48C	21	1155	35.4	25.8	14.00	12.00	
(C*9C/T*9V)*C16	UC48C	21	1195	35.2	25.6	13.50	11.50	
(C*9C/T*9V)*C20	UC48C	21	1330	35.4	26.4	13.40	11.00	
(C*9C/T*9V)*D20	UC48D	24	1240	35.4	25.8	13.90	11.50	
TCGD42S21S2(H)	T*(8,L)X*B12	FC/MC/PC43B	17	1300	41.5	29.0	13.50	11.50
	T*(8,L)X*C16	FC/MC/PC43C	21	1475	42.0	30.4	13.50	11.50
	T*(8,L)X*C20	FC/MC/PC43C	21	1415	42.0	29.8	13.50	11.50
	T*9X*B12	FC/MC/PC43B	17	1270	41.5	29.0	13.50	11.00
	T*9X*C16	FC/MC/PC43C	21	1410	42.0	30.0	13.40	11.00
	T*9X*C20	FC/MC/PC43C	21	1400	42.0	30.2	13.50	11.00
	T*(8,L)X*C16	FC/MC/PC48C	21	1360	42.0	29.8	13.50	11.50
	T*(8,L)X*C20	FC/MC/PC48C	21	1475	42.0	30.7	13.50	11.50
	T*9X*C16	FC/MC/PC48C	21	1425	42.0	29.6	13.50	11.50
	T*9X*C20	FC/MC/PC48C	21	1420	42.0	29.8	13.50	11.50
	T*9X*D20	FC/MC/PC48D	24	1435	42.0	30.1	13.50	11.50
	T*(8,L)X*C16	UC48C	21	1400	42.0	30.2	13.50	11.50

For Notes See Page 11.

## COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE MODEL	COIL MODEL <sup>1</sup>	W	COOLING				
				RATED CFM	Net MBH		SEER	EER
					TOTAL	SENS.		
<b>13 SEER AC WITH VARIABLE SPEED FURNACES<sup>2</sup></b>								
TCGD42S21S2(H)	T*(8,L)X*C20	UC48C	21	1515	42.0	30.4	13.50	11.50
	T*9X*C16	UC48C	21	1425	41.5	29.8	13.50	11.50
	T*9X*C20	UC48C	21	1420	41.5	30.0	13.40	11.00
	T*9X*D20	UC48D	24	1435	42.0	30.0	13.50	11.50
	C*(8,L)C*C16	FC/MC/PC43C	21	1425	42.0	30.2	13.50	11.50
	C*(8,L)C*C20	FC/MC/PC43C	21	1450	42.0	30.4	13.50	11.50
	(C*9C/T*9V)*C16	FC/MC/PC43C	21	1360	41.5	29.2	13.40	11.00
	(C*9C/T*9V)*C20	FC/MC/PC43C	21	1395	42.0	29.8	13.50	11.00
	C*(8,L)C*C16	FC/MC/PC48C	21	1435	42.0	30.1	13.50	11.50
	C*(8,L)C*C20	FC/MC/PC48C	21	1410	42.0	30.1	13.50	11.50
	(C*9C/T*9V)*C16	FC/MC/PC48C	21	1395	42.0	30.1	13.50	11.50
	(C*9C/T*9V)*C20	FC/MC/PC48C	21	1430	42.0	30.2	13.50	11.50
	(C*9C/T*9V)*D20	FC/MC/PC48D	24	1450	42.0	30.1	13.50	11.50
	C*(8,L)C*C16	HC42	21	1425	42.0	30.2	13.50	11.50
	C*(8,L)C*C20	HC42	21	1450	42.0	30.2	13.50	11.50
	(C*9C/T*9V)*C16	HC42	21	1360	42.0	30.2	13.50	11.00
	(C*9C/T*9V)*C20	HC42	21	1395	42.0	30.2	13.50	11.00
	C*(8,L)C*C16	UC48C	21	1435	42.0	30.0	13.50	11.50
	C*(8,L)C*C20	UC48C	21	1410	42.0	30.0	13.50	11.50
	(C*9C/T*9V)*C16	UC48C	21	1395	41.5	29.8	13.50	11.00
	(C*9C/T*9V)*C20	UC48C	21	1430	41.5	29.8	13.40	11.00
(C*9C/T*9V)*D20	UC48D	24	1450	42.0	29.8	13.50	11.50	
TCGD48S21S2(H)	T*(8,L)X*C16	FC/MC/PC48C	21	1600	45.5	33.0	13.20	11.00
	T*(8,L)X*C20	FC/MC/PC48C	21	1660	46.0	33.0	13.30	11.00
	T*9X*C16	FC/MC/PC48C	21	1565	45.5	33.0	13.20	11.00
	T*9X*C20	FC/MC/PC48C	21	1615	46.0	33.0	13.40	11.00
	T*9X*D20	FC/MC/PC48D	24	1635	45.5	33.0	13.20	11.00
	T*(8,L)X*C16	UC48C	21	1640	45.0	32.8	13.00	11.00
	T*(8,L)X*C20	UC48C	21	1515	45.0	32.0	13.00	11.00
	T*9X*C16	UC48C	21	1565	45.0	32.8	13.00	11.00
	T*9X*C20	UC48C	21	1615	45.0	32.8	13.00	11.00
	T*9X*D20	UC48D	24	1635	45.0	32.8	13.00	11.00
	C*(8,L)C*C16	FC/MC/PC48C	21	1615	46.0	34.0	13.20	11.00
	C*(8,L)C*C20	FC/MC/PC48C	21	1640	46.0	34.2	13.30	11.00
	(C*9C/T*9V)*C16	FC/MC/PC48C	21	1590	45.5	33.6	13.20	11.00
	(C*9C/T*9V)*C20	FC/MC/PC48C	21	1655	46.0	34.4	13.40	11.00
	(C*9C/T*9V)*D20	FC/MC/PC48D	24	1645	45.5	34.2	13.20	11.00
	C*(8,L)C*C16	UC48C	21	1615	44.5	33.2	13.00	11.00
	C*(8,L)C*C20	UC48C	21	1640	44.5	33.2	13.00	11.00
	(C*9C/T*9V)*C16	UC48C	21	1590	44.5	32.8	13.00	10.95
	(C*9C/T*9V)*C20	UC48C	21	1655	44.5	32.8	13.00	10.95
	TCGD60S21S2	T*(8,L)X*C20	FC/MC62D	21	1665	54.0	39.5	13.50
C*(8,L)C*C20		FC/MC62D	21	1615	54.0	39.5	13.50	11.00
(C*9C/T*9V)*C20		FC/MC62D	21	1655	54.0	39.0	13.10	11.00
(C*9C/T*9V)*D20		FC/MC62D	24	1630	54.0	39.5	13.30	11.00

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

2. Variable speed furnaces have B.O.D (Blower on Delay) standard.

**ACCESSORIES**

Refer to Price Manual for specific model numbers.

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

**Hard Start Kit** - Required when using TXV indoor coil. Also, provides increased starting torque for areas with low voltage.

**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.

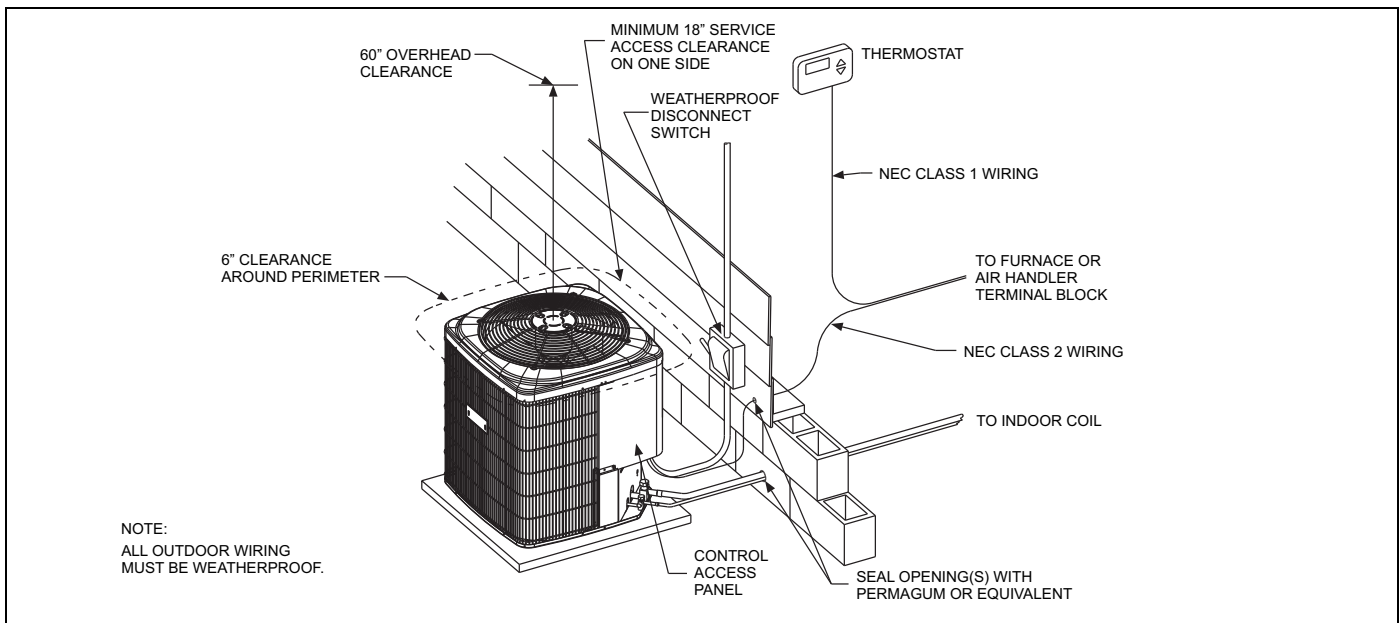
**SOUND POWER RATINGS\***

Model	Source 1 Kit numbers
12	S1-2SA06708606
18	S1-2SA06708606
24	S1-2SA06708706
30	S1-2SA06705906
36	S1-2SA06708106
42	S1-2SA06708106
48	S1-2SA06708806

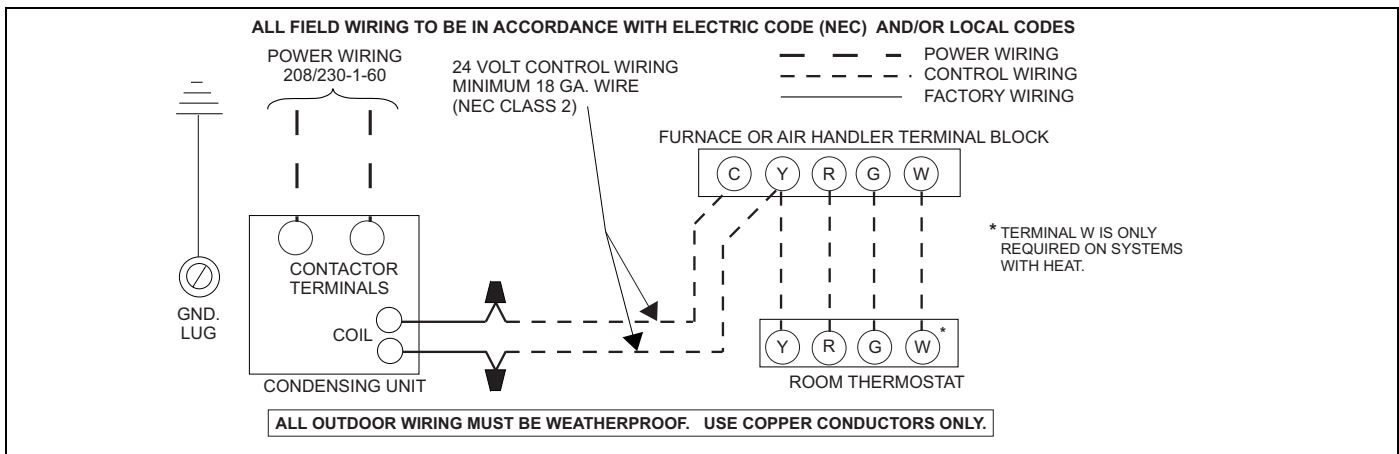
UNIT MODEL	(dBA)
12	72
18	75
24	76
30	75
36	76
42	75
48	76
60	78

\* Rated in accordance with ARI 270-95 Standards.

**TYPICAL INSTALLATION**



**TYPICAL FIELD WIRING**



<b>COOLING PERFORMANCE DATA</b>																
<b>AIR CONDITIONER MODEL NO.</b>		<b>TCGD12S21S2(H)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>FC/MC/PC18</b>														
<b>CONDENSING ENTERING AIR TEMPERATURE</b>	<b>IDCFM</b>	<b>450</b>					<b>600</b>					<b>750</b>				
	<b>ID DB (°F)</b>	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	<b>ID WB (°F)</b>	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	11.3	11.9	12.1	13.1	14.1	11.7	12.4	12.3	13.2	14.1	12.1	12.9	12.6	13.2	14.1
	S.C.	11.1	10.2	9.1	9.0	7.2	11.5	11.0	9.6	9.2	7.4	11.9	11.8	10.0	9.5	7.5
	KW	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75	T.C.	11.1	11.7	11.7	12.9	13.8	11.6	12.2	12.0	13.0	13.8	12.0	12.7	12.3	13.1	13.9
	S.C.	10.9	10.4	9.1	9.0	7.2	11.4	11.2	9.6	9.4	7.4	11.8	11.9	10.1	9.8	7.7
	KW	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
85	T.C.	10.9	11.6	11.4	12.6	13.5	11.4	12.1	11.7	12.8	13.6	11.9	12.6	11.9	13.0	13.7
	S.C.	10.7	10.6	9.0	9.0	7.1	11.2	11.3	9.6	9.6	7.5	11.7	12.1	10.3	10.1	7.8
	KW	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
95	T.C.	10.7	11.5	11.1	12.3	13.2	11.2	12.0	11.3	12.6	13.3	11.7	12.4	11.6	12.8	13.4
	S.C.	10.5	10.8	9.0	9.0	7.1	11.0	11.5	9.7	9.7	7.5	11.5	12.2	10.4	10.4	7.9
	KW	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
105	T.C.	10.0	10.9	10.2	11.5	12.5	10.6	11.4	10.5	11.8	12.7	11.1	11.9	10.9	12.0	12.9
	S.C.	9.8	10.3	8.6	8.8	6.9	10.4	10.9	9.2	9.5	7.3	11.0	11.5	9.9	10.2	7.8
	KW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
115	T.C.	9.3	10.3	9.3	10.7	11.9	9.9	10.9	9.7	11.0	12.2	10.5	11.4	10.1	11.3	12.4
	S.C.	9.2	9.9	8.2	8.6	6.7	9.8	10.3	8.8	9.3	7.2	10.4	10.8	9.4	10.0	7.6
	KW	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
125	T.C.	8.6	9.7	8.4	9.9	11.2	9.3	10.3	8.9	10.2	11.6	9.9	10.9	9.4	10.5	11.9
	S.C.	8.5	9.4	7.8	8.4	6.5	9.2	9.8	8.4	9.1	7.0	9.8	10.1	8.9	9.8	7.5
	KW	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.2

**NOTE:** ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

#### 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.

<b>Air Handlers</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
–	HC18	1.00	1.00	1.00
–	UC18	1.00	1.00	1.00
AHP18	–	0.98	0.97	0.98

<b>COOLING PERFORMANCE DATA</b>																
<b>AIR CONDITIONER MODEL NO.</b>		<b>TCGD18S21S2(H)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>FC/MC/PC18</b>														
<b>CONDENSING ENTERING AIR TEMPERATURE</b>	IDCFM	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.	15.4	17.1	16.7	18.1	18.0	16.2	17.6	17.2	18.2	18.0	17.0	18.2	17.6	18.3	18.0
	S.C.	15.2	13.4	11.4	11.3	8.6	16.0	14.7	12.6	12.0	9.0	16.8	16.0	13.8	12.7	9.5
	KW	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75	T.C.	14.9	16.6	16.3	17.7	18.0	15.9	17.3	16.8	17.9	18.1	16.9	18.0	17.3	18.2	18.2
	S.C.	14.7	13.4	11.3	11.1	8.5	15.7	14.9	12.7	12.1	9.2	16.7	16.4	14.1	13.1	9.8
	KW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85	T.C.	14.4	16.1	15.8	17.3	18.0	15.6	17.0	16.3	17.7	18.2	16.8	17.8	16.9	18.1	18.4
	S.C.	14.3	13.5	11.2	11.0	8.5	15.5	15.2	12.8	12.3	9.3	16.6	16.9	14.4	13.6	10.2
	KW	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
95	T.C.	13.9	15.7	15.4	16.8	17.9	15.3	16.6	15.9	17.4	18.2	16.7	17.5	16.5	18.0	18.5
	S.C.	13.8	13.5	11.1	10.8	8.5	15.2	15.4	12.9	12.4	9.5	16.5	17.3	14.7	14.0	10.5
	KW	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
105	T.C.	13.2	14.6	14.2	15.9	17.2	14.6	15.7	14.9	16.5	17.5	16.0	16.8	15.5	17.1	17.8
	S.C.	13.1	13.1	10.6	10.6	8.3	14.4	14.8	12.4	12.3	9.3	15.8	16.4	14.2	13.9	10.4
	KW	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
115	T.C.	12.5	13.6	13.1	15.0	16.5	13.9	14.9	13.8	15.6	16.8	15.2	16.2	14.6	16.2	17.2
	S.C.	12.4	12.6	10.1	10.3	8.1	13.7	14.1	11.9	12.1	9.2	15.1	15.7	13.7	13.8	10.2
	KW	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
125	T.C.	11.8	12.6	12.0	14.2	15.7	13.2	14.1	12.8	14.8	16.1	14.5	15.5	13.6	15.3	16.5
	S.C.	11.7	12.2	9.6	10.1	7.9	13.0	13.5	11.5	11.9	9.0	14.4	14.9	13.3	13.8	10.1
	KW	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

**NOTE:** ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

#### 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.

<b>Air Handlers</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
-	FC/MC/PC/UC24	1.00	1.00	1.00
-	HC18	1.00	1.00	1.00
-	UC18	1.00	1.00	1.00
AHP18	-	1.00	1.00	1.00
AHP24	-	1.00	1.00	1.00
AHX18	-	1.00	1.03	0.92
AV*24	-	1.00	1.03	0.91
F4FP024	-	1.00	1.00	1.00
F6FP018	-	1.00	1.03	0.92
MA08B	FC/MC18B	1.00	1.00	1.00
MA08B	FC/MC24B	1.00	1.00	1.00
MV12B	FC/MC18B	1.00	1.03	0.91
MV12B	FC/MC24B	1.00	1.03	0.91

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*(8,L)X*A12	FC/MC/PC18A	1.00	0.99	0.92
T*(8,L)X*B12	FC/MC/PC18B	1.00	1.01	0.88
T*9X*B12	FC/MC/PC18B	1.00	1.01	0.88
T*(8,L)X*A12	FC/MC/PC24A	1.00	1.02	0.88
T*(8,L)X*B12	FC/MC/PC24B	1.00	1.02	0.88

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*9X*B12	FC/MC/PC24B	1.00	1.02	0.88
T*(8,L)X*A12	UC18A	1.00	1.02	0.88
T*(8,L)X*B12	UC18B	1.00	1.02	0.88
T*9X*B12	UC18B	1.00	1.02	0.88
T*(8,L)X*A12	UC24A	1.00	1.01	0.88
T*(8,L)X*B12	UC24B	1.00	1.01	0.88
T*9X*B12	UC24B	1.00	1.04	0.88
C*(8,L)C*A12	FC/MC/PC18A	1.00	1.00	0.91
C*(8,L)C*B12	FC/MC/PC18B	1.00	0.99	0.90
(C*9C/T*9V)*B12	FC/MC/PC18B	1.00	1.00	0.91
C*(8,L)C*A12	FC/MC/PC24A	1.00	1.03	0.92
C*(8,L)C*B12	FC/MC/PC24B	1.00	1.00	0.90
(C*9C/T*9V)*B12	FC/MC/PC24B	1.00	1.03	0.91
C*(8,L)C*A12	HC18	1.00	1.00	0.91
C*(8,L)C*A12	UC18A	1.00	1.01	0.91
C*(8,L)C*B12	UC18B	1.00	0.99	0.91
(C*9C/T*9V)*B12	UC18B	1.00	1.01	0.91
C*(8,L)C*A12	UC24A	1.00	1.03	0.92
C*(8,L)C*B12	UC24B	1.00	0.99	0.90
(C*9C/T*9V)*B12	UC24B	1.00	1.03	0.91

<b>COOLING PERFORMANCE DATA</b>																
<b>AIR CONDITIONER MODEL NO.</b>		<b>TCGD24S21S2(H)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>FC/MC/PC36</b>														
<b>CONDENSING ENTERING AIR TEMPERATURE</b>	<b>IDCFM</b>	<b>600</b>					<b>800</b>					<b>1000</b>				
	<b>ID DB (°F)</b>	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	<b>ID WB (°F)</b>	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
75	T.C.	21.5	24.0	23.5	25.4	26.2	22.7	24.9	24.2	25.8	26.4	23.9	25.8	24.9	26.2	26.7
	S.C.	21.3	19.0	16.1	15.7	12.2	22.5	21.5	17.8	17.3	12.9	23.7	24.1	19.5	18.9	13.6
	KW	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
85	T.C.	20.6	23.0	22.5	24.7	26.0	22.1	24.1	23.3	25.3	26.3	23.5	25.2	24.1	25.8	26.6
	S.C.	20.4	18.7	15.7	15.5	12.1	21.9	21.4	17.6	17.3	13.0	23.3	24.0	19.5	19.1	13.9
	KW	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.5	1.5
95	T.C.	19.7	22.0	21.4	23.9	25.7	21.4	23.3	22.4	24.7	26.1	23.2	24.7	23.3	25.5	26.5
	S.C.	19.5	18.3	15.3	15.3	12.0	21.2	21.2	17.5	17.3	13.1	22.9	24.0	19.6	19.4	14.2
	KW	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
105	T.C.	18.8	21.0	20.4	23.2	25.5	20.8	22.5	21.4	24.2	26.0	22.8	24.1	22.5	25.2	26.4
	S.C.	18.6	18.0	14.9	15.1	11.9	20.6	21.0	17.3	17.3	13.2	22.6	24.0	19.7	19.6	14.5
	KW	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.7	1.7	1.8	1.8
115	T.C.	17.9	19.5	18.8	21.7	24.0	19.8	21.2	19.9	22.6	24.5	21.7	22.9	21.0	23.6	25.0
	S.C.	17.8	17.4	14.2	14.6	11.5	19.7	19.9	16.6	16.9	12.9	21.6	22.5	19.1	19.2	14.4
	KW	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	2.0	2.0
125	T.C.	17.1	18.2	17.3	20.2	22.5	18.9	20.0	18.4	21.1	23.1	20.8	21.8	19.5	22.0	23.6
	S.C.	16.9	16.7	13.5	14.0	11.1	18.8	18.9	16.0	16.4	12.6	20.6	21.0	18.5	18.8	14.2
	KW	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.2	2.2

**NOTE:** ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

**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.

<b>Air Handlers</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
-	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
-	HC30	1.00	1.00	1.00
-	HC36	1.00	1.00	1.00
-	HC42	1.00	1.00	1.00
-	UC36	1.00	1.00	1.00
AHP30	-	1.00	1.00	1.00
AHX30	-	1.00	1.02	0.92
AHX36	-	1.00	1.02	0.88
AV*36	-	1.00	1.12	0.88
F4FP036	-	1.00	1.00	1.00
F6FP030	-	1.00	1.02	0.92
F6FP036	-	1.00	1.03	0.92
MA08B	FC/MC35B	1.00	1.00	1.00
MA08B	FC/MC36B	1.00	1.00	1.00
MA08B	FC/MC43B	1.00	1.00	1.00
MV12B	FC/MC36B	1.00	1.03	0.88
MV12B	FC/MC43B	1.00	1.03	0.88
MV12B	FC/MC35B	1.00	1.03	0.88

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*(8,L)X*A12	FC/MC/PC32A	1.00	1.02	0.96
T*(8,L)X*B12	FC/MC/PC35B	1.00	1.03	0.92
T*9X*C16	FC/MC/PC35C	1.00	0.98	0.92
T*9X*C20	FC/MC/PC35C	1.00	1.03	0.92
T*(8,L)X*A12	FC/MC/PC36A	1.00	1.02	0.92

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*(8,L)X*B12	FC/MC/PC36B	1.00	1.02	0.92
T*9X*B12	FC/MC/PC36B	1.00	1.01	0.92
T*9X*C16	FC/MC/PC36C	1.00	1.00	0.92
T*9X*C20	FC/MC/PC36C	1.00	1.01	0.92
T*(8,L)X*A12	FC/MC/PC37A	1.00	1.02	0.92
T*(8,L)X*B12	FC/MC/PC43B	1.00	1.02	0.92
T*9X*B12	FC/MC/PC43B	1.00	1.02	0.92
T*9X*C16	FC/MC/PC43C	1.00	0.99	0.92
T*9X*C20	FC/MC/PC43C	1.00	1.01	0.92
T*(8,L)X*A12	UC36A	1.00	0.99	0.96
T*(8,L)X*B12	UC36B	1.00	1.00	0.92
T*9X*B12	UC36B	1.00	0.99	0.92
T*9X*C16	UC36C	1.00	1.00	0.92
T*9X*C20	UC36C	1.00	1.00	0.92
C*(8,L)C*A12	FC/MC/PC32A	1.00	1.01	0.93
C*(8,L)C*B12	FC/MC/PC35B	1.00	1.01	0.92
(C*9C/T*9V)*B12	FC/MC/PC35B	1.00	1.02	0.93
C*(8,L)C*A12	FC/MC/PC36A	1.00	1.02	0.93
C*(8,L)C*B12	FC/MC/PC36B	1.00	1.02	0.91
(C*9C/T*9V)*B12	FC/MC/PC36B	1.00	1.02	0.92
C*(8,L)C*A12	FC/MC/PC37A	1.00	1.03	0.94
C*(8,L)C*B12	FC/MC/PC43B	1.00	1.00	0.92
(C*9C/T*9V)*B12	FC/MC/PC43B	1.00	1.02	0.93
C*(8,L)C*A12	HC30	1.00	1.01	0.93
C*(8,L)C*B12	HC36	1.00	1.00	0.92
(C*9C/T*9V)*B12	HC36	1.00	1.02	0.93
C*(8,L)C*A12	UC36A	1.00	1.00	0.92
C*(8,L)C*B12	UC36B	1.00	1.00	0.91
(C*9C/T*9V)*B12	UC36B	1.00	1.00	0.92

<b>COOLING PERFORMANCE DATA</b>																
<b>AIR CONDITIONER MODEL NO.</b>		<b>TCGD30S21S2(H)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>FC/MC/PC35</b>														
<b>CONDENSING ENTERING AIR TEMPERATURE</b>	IDCFM	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.	27.8	29.9	29.6	30.6	31.8	29.2	30.1	29.7	30.8	31.8	30.6	30.4	29.8	31.1	31.8
	S.C.	27.2	24.5	20.5	19.0	14.8	28.2	26.1	21.6	20.0	15.4	29.1	27.7	22.6	21.0	15.9
	KW	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7
75	T.C.	26.2	28.2	27.9	29.7	31.2	28.0	28.9	28.2	30.0	31.2	29.9	29.5	28.6	30.3	31.2
	S.C.	25.7	23.9	20.0	19.1	14.9	27.0	25.8	21.5	20.5	15.7	28.3	27.6	22.9	21.8	16.5
	KW	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85	T.C.	24.6	26.5	26.1	28.8	30.5	26.9	27.6	26.7	29.2	30.6	29.2	28.6	27.3	29.5	30.6
	S.C.	24.1	23.3	19.4	19.2	14.9	25.8	25.4	21.4	20.9	16.0	27.4	27.5	23.3	22.7	17.1
	KW	1.9	1.9	1.9	2.0	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	2.0	2.0
95	T.C.	23.0	24.9	24.4	28.0	29.8	25.7	26.3	25.3	28.4	29.9	28.4	27.7	26.1	28.7	30.0
	S.C.	22.6	22.8	18.9	19.3	15.0	24.6	25.1	21.3	21.4	16.3	26.6	27.5	23.7	23.5	17.7
	KW	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.2
105	T.C.	21.5	23.1	22.1	25.6	27.7	24.1	24.5	23.0	26.0	28.0	26.6	26.0	23.9	26.4	28.3
	S.C.	21.2	21.3	17.9	18.5	14.3	23.0	23.4	20.0	20.6	15.8	24.8	25.5	22.1	22.7	17.2
	KW	2.3	2.3	2.2	2.3	2.4	2.3	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.4
115	T.C.	20.1	21.4	19.8	23.2	25.5	22.5	22.9	20.8	23.7	26.0	24.9	24.3	21.8	24.1	26.5
	S.C.	19.8	19.9	16.9	17.7	13.7	21.4	21.8	18.7	19.8	15.2	23.1	23.6	20.6	22.0	16.8
	KW	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.5	2.6	2.5	2.5	2.5	2.5	2.6
125	T.C.	18.7	19.7	17.6	20.9	23.4	20.9	21.2	18.6	21.4	24.1	23.1	22.7	19.7	21.9	24.8
	S.C.	18.4	18.6	15.9	16.8	13.1	19.9	20.1	17.5	19.0	14.7	21.4	21.7	19.1	21.3	16.4
	KW	2.6	2.6	2.5	2.6	2.7	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.6	2.7	2.8

**NOTE:** ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

#### 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.

<b>Air Handlers</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
–	FC/MC/PC32	1.00	1.00	1.00
–	FC/MC/PC37	1.00	1.00	1.00
–	FC/MC/PC43	1.00	1.00	1.00
–	HC36	1.00	1.00	1.00
–	HC42	1.00	1.00	1.00
AHP30	–	1.00	1.00	1.00
AHP36	–	1.00	1.00	1.00
AHX30	–	1.03	1.03	0.96
AHX36	–	1.03	1.03	0.95
AV*36	–	1.03	1.05	0.95
F4FP040	–	1.00	1.00	1.00
F6FP030	–	1.03	1.02	0.98
F6FP036	–	1.03	1.01	0.94
MA12B	FC/MC35B	1.00	1.00	1.00
MA12B	FC/MC43B	1.00	1.00	1.00
MV12B	FC/MC43B	1.02	1.02	0.89
MV16C	FC/MC43C	1.02	1.02	0.89
MV12B	FC/MC35B	1.02	1.02	0.89
MV16C	FC/MC35C	1.02	1.02	0.89

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*(8,L)X*A12	FC/MC/PC32A	1.02	1.00	1.02
T*(8,L)X*B12	FC/MC/PC35B	1.03	1.06	0.99
T*(8,L)X*C16	FC/MC/PC35C	1.03	1.06	0.95
T*(8,L)X*C20	FC/MC/PC35C	1.01	0.96	0.93

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*9X*B12	FC/MC/PC35B	1.03	1.05	0.95
T*9X*C16	FC/MC/PC35C	1.03	1.05	0.99
T*(8,L)X*A12	FC/MC/PC37A	1.03	1.07	0.99
T*(8,L)X*B12	FC/MC/PC43B	1.03	1.07	0.99
C*9X*C16	FC/MC/PC43C	1.03	1.07	0.99
C*(8,L)C*A12	FC/MC/PC32A	1.01	1.02	0.99
C*(8,L)C*B12	FC/MC/PC35B	1.01	1.02	0.95
(C*9C/T*9V)*B12	FC/MC/PC35B	1.02	1.03	0.97
C*(8,L)C*C16	FC/MC/PC35C	1.02	1.03	0.93
C*(8,L)C*C20	FC/MC/PC35C	1.02	1.05	0.94
(C*9C/T*9V)*C16	FC/MC/PC35C	1.02	1.03	0.93
(C*9C/T*9V)*C20	FC/MC/PC35C	1.02	1.02	0.93
C*(8,L)C*A12	FC/MC/PC37A	1.02	1.02	0.97
C*(8,L)C*B12	FC/MC/PC43B	1.02	1.03	0.94
(C*9C/T*9V)*B12	FC/MC/PC43B	1.02	1.03	0.97
C*(8,L)C*C16	FC/MC/PC43C	1.02	1.03	0.92
C*(8,L)C*C20	FC/MC/PC43C	1.02	1.03	0.92
(C*9C/T*9V)*C16	FC/MC/PC43C	1.02	1.03	0.95
(C*9C/T*9V)*C20	FC/MC/PC43C	1.02	1.03	0.93
C*(8,L)C*B12	HC36	1.01	1.02	0.95
(C*9C/T*9V)*B12	HC36	1.02	1.03	0.97
C*(8,L)C*C16	HC42	1.02	1.03	0.92
C*(8,L)C*C20	HC42	1.02	1.03	0.92
(C*9C/T*9V)*C16	HC42	1.02	1.03	0.95
(C*9C/T*9V)*C20	HC42	1.02	1.03	0.93

<b>COOLING PERFORMANCE DATA</b>																
<b>AIR CONDITIONER MODEL NO.</b>		<b>TCGD36S21S2(H)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>FC/MC/PC43</b>														
<b>CONDENSING ENTERING AIR TEMPERATURE</b>	<b>IDCFM</b>	<b>1000</b>					<b>1200</b>					<b>1400</b>				
	<b>ID DB (°F)</b>	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	<b>ID WB (°F)</b>	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	35.6	36.1	34.4	37.6	38.5	37.2	37.4	35.5	38.5	38.9	38.9	38.6	36.7	39.4	39.2
	S.C.	32.9	29.4	24.0	23.3	17.9	34.4	31.7	25.4	24.7	18.3	35.9	34.0	26.7	26.2	18.7
	KW	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75	T.C.	33.6	34.4	32.7	36.1	37.2	36.0	36.0	34.0	37.1	37.6	38.3	37.6	35.2	38.2	38.0
	S.C.	31.2	29.0	23.6	23.0	17.5	33.1	31.4	25.3	24.8	18.1	35.0	33.9	27.0	26.5	18.7
	KW	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3
85	T.C.	31.6	32.6	31.1	34.6	35.9	34.7	34.6	32.4	35.8	36.3	37.8	36.6	33.7	37.0	36.8
	S.C.	29.6	28.6	23.2	22.8	17.1	31.9	31.2	25.3	24.8	17.9	34.2	33.8	27.3	26.8	18.7
	KW	2.3	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.5
95	T.C.	29.7	30.9	29.4	33.1	34.5	33.4	33.2	30.8	34.4	35.1	37.2	35.6	32.3	35.8	35.6
	S.C.	27.9	28.2	22.8	22.5	16.6	30.6	30.9	25.2	24.8	17.7	33.3	33.7	27.6	27.1	18.7
	KW	2.5	2.5	2.5	2.6	2.7	2.5	2.5	2.5	2.6	2.7	2.6	2.6	2.5	2.6	2.7
105	T.C.	28.0	28.6	26.6	30.1	31.4	30.9	30.7	27.9	31.4	32.0	33.9	32.8	29.2	32.6	32.5
	S.C.	25.9	26.3	21.6	21.5	15.6	28.2	28.6	23.8	23.7	16.7	30.4	30.9	26.0	25.9	17.8
	KW	2.7	2.7	2.7	2.8	2.9	2.7	2.7	2.7	2.8	2.9	2.8	2.8	2.7	2.8	2.9
115	T.C.	26.3	26.4	23.9	27.3	28.4	28.6	28.3	25.1	28.5	28.9	30.8	30.1	26.3	29.6	29.5
	S.C.	24.0	24.5	20.4	20.4	14.6	25.8	26.3	22.4	22.5	15.8	27.6	28.2	24.4	24.6	17.0
	KW	2.9	2.9	2.9	3.0	3.1	2.9	2.9	2.9	3.0	3.1	3.0	3.0	2.9	3.0	3.1
125	T.C.	24.7	24.2	21.2	24.5	25.3	26.2	25.8	22.3	25.5	25.9	27.6	27.4	23.4	26.6	26.5
	S.C.	22.1	22.7	19.3	19.4	13.5	23.4	24.1	21.1	21.4	14.9	24.8	25.5	22.8	23.4	16.2
	KW	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1	3.2	3.3	3.2	3.2	3.1	3.2	3.3

**NOTE:** ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

#### 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.

<b>Air Handlers</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
-	FC/MC/PC37A	1.00	1.00	1.00
-	FC/MC/PC/UC48	1.00	1.00	1.00
-	HC42	1.00	1.00	1.00
AHP36	-	1.00	1.00	1.00
AHX36	-	1.02	1.09	0.93
AHX42	-	1.03	1.08	0.94
AV*36	-	1.00	1.03	0.92
F5FP048	-	1.00	1.00	1.00
F6FP042	-	1.03	1.06	0.94
MA12B	FC/MC43B	1.00	1.00	1.00
MA14D	FC/MC48D	1.00	1.00	1.00
MV16C	FC/MC43C	1.01	1.02	0.92
MV16C	FC/MC48C	1.01	1.03	0.92
MV20D	FC/MC48D	1.01	1.03	0.92
MV12D	FC/MC48D	1.01	1.03	0.92

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*(8,L)X*A12	FC/MC/PC37A	1.03	1.11	0.98
T*(8,L)X*B12	FC/MC/PC43B	1.03	1.11	1.03
T*(8,L)X*C16	FC/MC/PC43C	1.03	1.07	0.98
T*(8,L)X*C20	FC/MC/PC43C	1.03	1.11	0.94
T*9X*B12	FC/MC/PC43B	1.02	1.11	1.02
T*9X*C16	FC/MC/PC43C	1.03	1.11	0.98
T*9X*C20	FC/MC/PC43C	1.02	1.07	0.97
T*(8,L)X*C16	FC/MC/PC48C	1.03	1.08	0.98
T*(8,L)X*C20	FC/MC/PC48C	1.03	1.11	0.94
T*9X*C16	FC/MC/PC48C	1.03	1.11	0.98
T*9X*C20	FC/MC/PC48C	1.03	1.08	0.98

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*9X*D20	FC/MC/PC48D	1.03	1.08	0.94
T*(8,L)X*C16	UC48C	1.01	1.06	0.96
T*(8,L)X*C20	UC48C	1.02	1.11	0.94
T*9X*C16	UC48C	1.01	1.09	0.97
T*9X*C20	UC48C	1.00	1.06	1.00
T*9X*D20	UC48D	1.01	1.06	0.96
C*(8,L)C*A12	FC/MC/PC37A	0.98	0.93	0.94
C*(8,L)C*B12	FC/MC/PC43B	1.01	1.02	0.98
(C*9C/T*9V)*B12	FC/MC/PC43B	1.01	1.02	0.98
C*(8,L)C*C16	FC/MC/PC43C	1.02	1.03	0.94
C*(8,L)C*C20	FC/MC/PC43C	1.02	1.03	0.93
(C*9C/T*9V)*C16	FC/MC/PC43C	1.01	1.02	0.97
(C*9C/T*9V)*C20	FC/MC/PC43C	1.02	1.03	0.95
C*(8,L)C*C16	FC/MC/PC48C	1.03	1.04	0.94
C*(8,L)C*C20	FC/MC/PC48C	1.03	1.04	0.93
(C*9C/T*9V)*C16	FC/MC/PC48C	1.03	1.04	0.95
(C*9C/T*9V)*C20	FC/MC/PC48C	1.03	1.07	0.98
(C*9C/T*9V)*D20	FC/MC/PC48D	1.03	1.05	0.95
C*(8,L)C*C16	HC42	1.02	1.03	0.94
C*(8,L)C*C20	HC42	1.02	1.03	0.94
(C*9C/T*9V)*C16	HC42	1.01	1.02	0.97
(C*9C/T*9V)*C20	HC42	1.02	1.03	0.95
C*(8,L)C*C16	UC48C	1.01	1.02	0.93
C*(8,L)C*C20	UC48C	1.01	1.02	0.92
(C*9C/T*9V)*C16	UC48C	1.00	1.02	0.94
(C*9C/T*9V)*C20	UC48C	1.01	1.05	0.97
(C*9C/T*9V)*D20	UC48D	1.01	1.03	0.94

<b>COOLING PERFORMANCE DATA</b>																
<b>AIR CONDITIONER MODEL NO.</b>		<b>TCGD42S21S2(H)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>FC/MC/PC43</b>														
<b>CONDENSING ENTERING AIR TEMPERATURE</b>	IDCFM	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.	39.7	42.3	41.6	45.1	46.3	41.4	43.5	42.3	45.7	46.7	43.1	44.7	43.0	46.2	47.0
	S.C.	38.2	34.5	28.8	27.9	21.2	39.3	36.8	30.2	29.0	21.5	40.4	39.0	31.6	30.0	21.9
	KW	2.2	2.3	2.2	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3
75	T.C.	38.1	40.6	39.7	43.7	45.1	40.1	42.0	40.5	44.4	45.5	42.0	43.4	41.3	45.2	45.9
	S.C.	36.8	34.3	28.4	27.9	21.0	38.0	36.5	30.0	29.2	21.6	39.3	38.7	31.7	30.6	22.1
	KW	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6
85	T.C.	36.5	38.9	37.7	42.3	43.9	38.7	40.5	38.6	43.2	44.4	40.9	42.0	39.5	44.1	44.9
	S.C.	35.4	34.1	27.9	27.8	20.8	36.8	36.3	29.8	29.5	21.6	38.2	38.5	31.7	31.2	22.4
	KW	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.8	2.8
95	T.C.	35.0	37.2	35.8	40.9	42.7	37.4	39.0	36.8	42.0	43.3	39.8	40.7	37.8	43.1	43.8
	S.C.	33.9	33.8	27.4	27.7	20.7	35.5	36.0	29.6	29.8	21.6	37.1	38.2	31.8	31.8	22.6
	KW	2.9	2.9	2.9	3.0	3.1	2.9	2.9	2.9	3.0	3.1	3.0	3.0	3.0	3.0	3.1
105	T.C.	33.7	34.8	32.6	38.0	39.5	35.6	36.4	33.7	38.9	40.1	37.5	38.0	34.8	39.8	40.7
	S.C.	31.9	31.9	26.1	26.5	19.4	33.2	33.7	28.2	28.5	20.6	34.6	35.5	30.3	30.6	21.7
	KW	3.2	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.2	3.3	3.2	3.2	3.2	3.3	3.3
115	T.C.	32.4	32.5	29.5	35.1	36.5	33.8	33.9	30.7	35.9	37.1	35.1	35.4	31.8	36.6	37.7
	S.C.	29.9	30.0	24.8	25.3	18.2	31.0	31.5	26.8	27.3	19.5	32.1	33.0	28.8	29.4	20.8
	KW	3.4	3.4	3.4	3.5	3.6	3.4	3.4	3.4	3.5	3.6	3.5	3.5	3.4	3.5	3.6
125	T.C.	31.1	30.1	26.4	32.3	33.4	32.0	31.4	27.6	32.8	34.0	32.8	32.8	28.9	33.4	34.7
	S.C.	27.9	28.1	23.5	24.1	17.0	28.8	29.2	25.4	26.1	18.5	29.7	30.4	27.4	28.2	20.0
	KW	3.7	3.6	3.6	3.7	3.8	3.7	3.7	3.6	3.7	3.8	3.7	3.7	3.7	3.7	3.9

**NOTE:** ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

**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.

<b>Air Handlers</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
-	FC/MC/PC/UC48	1.00	1.00	1.00
-	HC42	1.00	1.00	1.00
AHP42	-	1.00	1.00	1.00
AHX42	-	1.00	1.03	0.92
F5FP048	-	1.00	1.00	1.00
F6FP042	-	1.00	1.04	0.93
MA16C	FC/MC43C	1.00	1.00	1.00
MA14D	FC/MC48D	1.00	1.00	1.00
MA16C	FC/MC48C	1.00	1.00	1.00
MV16C	FC/MC43C	1.01	1.02	0.88
MV16C	FC/MC48C	1.01	1.02	0.88
MV20D	FC/MC48D	1.01	1.02	0.88

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*9X*D20	FC/MC/PC48D	1.00	1.02	0.96
T*(8,L)X*C16	UC48C	1.00	1.03	0.96
T*(8,L)X*C20	UC48C	1.00	1.04	0.96
T*9X*C16	UC48C	0.99	1.01	0.95
T*9X*C20	UC48C	0.99	1.02	0.99
T*9X*D20	UC48D	1.00	1.02	0.96
C*(8,L)C*C16	FC/MC/PC43C	1.01	1.02	0.97
C*(8,L)C*C20	FC/MC/PC43C	1.01	1.03	0.97
(C*9C/T*9V)*C16	FC/MC/PC43C	1.00	0.99	0.97
(C*9C/T*9V)*C20	FC/MC/PC43C	1.01	1.01	0.97
C*(8,L)C*C16	FC/MC/PC48C	1.01	1.02	0.97
C*(8,L)C*C20	FC/MC/PC48C	1.01	1.02	0.96
(C*9C/T*9V)*C16	FC/MC/PC48C	1.01	1.02	0.98
(C*9C/T*9V)*C20	FC/MC/PC48C	1.01	1.02	0.98
(C*9C/T*9V)*D20	FC/MC/PC48D	1.01	1.02	0.97
C*(8,L)C*C16	HC42	1.01	1.02	0.97
C*(8,L)C*C20	HC42	1.01	1.02	0.97
(C*9C/T*9V)*C16	HC42	1.01	1.02	0.98
(C*9C/T*9V)*C20	HC42	1.01	1.02	0.97
C*(8,L)C*C16	UC48C	1.01	1.02	0.96
C*(8,L)C*C20	UC48C	1.01	1.02	0.95
(C*9C/T*9V)*C16	UC48C	1.01	1.01	0.97
(C*9C/T*9V)*C20	UC48C	1.00	1.01	0.97
(C*9C/T*9V)*D20	UC48D	1.01	1.01	0.96

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*(8,L)X*B12	FC/MC/PC43B	0.99	0.99	0.95
T*(8,L)X*C16	FC/MC/PC43C	1.00	1.04	0.96
T*(8,L)X*C20	FC/MC/PC43C	1.00	1.02	0.96
T*9X*B12	FC/MC/PC43B	0.99	0.99	0.99
T*9X*C16	FC/MC/PC43C	1.00	1.02	1.00
T*9X*C20	FC/MC/PC43C	1.00	1.03	1.00
T*(8,L)X*C16	FC/MC/PC48C	1.00	1.02	0.96
T*(8,L)X*C20	FC/MC/PC48C	1.00	1.04	0.96
T*9X*C16	FC/MC/PC48C	1.00	1.01	0.96
T*9X*C20	FC/MC/PC48C	1.00	1.02	0.96

<b>COOLING PERFORMANCE DATA</b>																
<b>AIR CONDITIONER MODEL NO.</b>		<b>TCGD48S21S2(H)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>FC/MC/PC48</b>														
<b>CONDENSING ENTERING AIR TEMPERATURE</b>	IDCFM	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.	48.0	48.3	46.7	49.9	49.6	49.2	49.1	47.2	50.1	50.1	50.3	49.9	47.6	50.4	50.6
	S.C.	44.6	41.2	33.8	31.6	23.5	45.9	43.6	35.3	32.6	24.3	47.3	46.0	36.9	33.7	25.1
	KW	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6
75	T.C.	45.5	45.5	43.7	47.8	48.4	46.8	46.5	44.3	48.4	49.0	48.1	47.6	45.0	49.0	49.5
	S.C.	42.2	40.0	32.7	31.3	23.3	43.7	42.3	34.5	32.8	24.2	45.2	44.7	36.3	34.2	25.1
	KW	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9
85	T.C.	43.0	42.6	40.6	45.6	47.3	44.5	44.0	41.5	46.6	47.8	45.9	45.4	42.4	47.6	48.3
	S.C.	39.9	38.8	31.7	31.0	23.1	41.5	41.1	33.7	32.9	24.1	43.1	43.4	35.6	34.8	25.1
	KW	3.0	3.0	3.0	3.1	3.1	3.0	3.0	3.0	3.1	3.1	3.0	3.0	3.0	3.1	3.2
95	T.C.	40.5	39.8	37.6	43.5	46.1	42.1	41.5	38.7	44.8	46.7	43.7	43.1	39.7	46.2	47.2
	S.C.	37.5	37.5	30.7	30.7	22.9	39.3	39.8	32.8	33.0	24.0	41.0	42.1	34.9	35.4	25.1
	KW	3.2	3.2	3.2	3.3	3.4	3.2	3.2	3.2	3.3	3.4	3.3	3.3	3.3	3.4	3.5
105	T.C.	37.7	36.8	34.1	40.1	42.6	39.2	38.3	35.1	41.2	43.1	40.6	39.8	36.2	42.4	43.5
	S.C.	34.8	35.0	29.1	29.4	21.4	36.3	36.9	30.9	31.7	22.7	37.9	38.8	32.7	33.9	23.9
	KW	3.5	3.5	3.5	3.6	3.7	3.5	3.5	3.5	3.6	3.7	3.6	3.6	3.5	3.6	3.7
115	T.C.	35.0	33.9	30.7	36.8	39.2	36.3	35.3	31.7	37.8	39.6	37.5	36.6	32.7	38.7	40.0
	S.C.	32.1	32.5	27.4	28.1	20.0	33.5	34.1	29.0	30.3	21.4	34.9	35.6	30.6	32.6	22.7
	KW	3.7	3.8	3.7	3.8	4.0	3.8	3.8	3.7	3.8	4.0	3.8	3.8	3.8	3.9	4.0
125	T.C.	32.3	31.0	27.4	33.5	35.8	33.4	32.2	28.3	34.3	36.1	34.5	33.5	29.3	35.0	36.5
	S.C.	29.5	30.0	25.8	26.8	18.6	30.7	31.2	27.1	29.0	20.1	31.9	32.5	28.4	31.2	21.5
	KW	4.0	4.0	4.0	4.1	4.2	4.0	4.1	4.0	4.1	4.2	4.1	4.1	4.0	4.1	4.3

**NOTE:** ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

#### 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.

<b>Air Handlers</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
–	UC48	1.00	1.00	1.00
AHP48	–	1.00	1.01	1.00
AHP/SHP60	–	1.00	1.01	1.00
AHX48	–	1.01	1.04	0.95
AV/SV*48	–	1.00	1.02	0.94
AV/SV*60	–	1.01	1.02	0.94
F5FP048	–	1.00	1.00	1.00
F5FP060	–	1.00	1.00	1.00
F6FP048	–	0.98	1.01	0.94
F4FV060	–	1.00	1.02	0.95
MA16C	FC/MC48C	1.00	1.00	1.00
MA20D	FC/MC48D	1.00	1.00	1.00
MV16C	FC/MC48C	0.98	1.01	0.89
MV20D	FC/MC48D	1.00	1.01	0.91

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*(8,L)X*C16	FC/MC/PC48C	0.99	1.01	0.99
T*(8,L)X*C20	FC/MC/PC48C	1.00	1.01	1.00
T*9X*C16	FC/MC/PC48C	0.99	1.01	0.99
T*9X*C20	FC/MC/PC48C	1.00	1.01	1.00
T*9X*D20	FC/MC/PC48D	0.99	1.01	0.99
T*(8,L)X*C16	UC48C	0.98	1.01	0.98
T*(8,L)X*C20	UC48C	0.98	0.98	0.98
T*9X*C16	UC48C	0.98	1.01	0.98
T*9X*C20	UC48C	0.98	1.01	0.98
T*9X*D20	UC48D	0.98	1.01	0.98
C*(8,L)C*C16	FC/MC/PC48C	1.01	1.01	0.99
C*(8,L)C*C20	FC/MC/PC48C	1.01	1.02	0.99
(C*9C/T*9V)*C16	FC/MC/PC48C	1.00	1.00	0.99
(C*9C/T*9V)*C20	FC/MC/PC48C	1.01	1.02	0.99
(C*9C/T*9V)*D20	FC/MC/PC48D	1.00	1.01	0.99
C*(8,L)C*C16	UC48C	0.98	0.98	0.98
C*(8,L)C*C20	UC48C	0.98	0.98	0.98
(C*9C/T*9V)*C16	UC48C	0.98	0.97	0.98
(C*9C/T*9V)*C20	UC48C	0.98	0.97	0.98

**COOLING PERFORMANCE DATA**

<b>AIR CONDITIONER MODEL NO.</b>		<b>TCGD60S21S2</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>FC/MC62</b>														
<b>CONDENSING ENTERING AIR TEMPERATURE</b>	<b>IDCFM</b>	1750					2000					2250				
	<b>ID DB (°F)</b>	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	<b>ID WB (°F)</b>	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	57.5	58.5	57.1	62.2	60.7	59.2	60.1	58.2	63.4	62.8	61.0	61.6	59.3	64.5	64.9
	S.C.	54.4	51.6	42.7	41.3	29.2	55.9	54.9	45.2	43.3	30.4	57.3	58.1	47.6	45.4	31.6
	KW	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.1
75	T.C.	55.4	56.6	54.6	60.1	59.4	57.4	58.3	55.7	61.2	60.1	59.4	60.0	56.8	62.3	60.8
	S.C.	52.4	50.5	41.7	40.7	28.8	53.9	53.4	44.2	43.0	30.0	55.5	56.2	46.7	45.3	31.2
	KW	3.3	3.3	3.3	3.4	3.5	3.4	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.4	3.5
85	T.C.	53.3	54.7	52.1	58.0	58.1	55.5	56.6	53.1	59.0	57.3	57.7	58.4	54.2	60.1	56.6
	S.C.	50.3	49.4	40.6	40.1	28.4	52.0	51.9	43.2	42.6	29.6	53.7	54.4	45.8	45.1	30.8
	KW	3.7	3.7	3.7	3.8	3.9	3.8	3.8	3.7	3.8	3.9	3.8	3.8	3.8	3.8	3.9
95	T.C.	51.3	52.7	49.6	56.0	56.7	53.7	54.8	50.6	56.9	54.6	56.1	56.9	51.6	57.8	52.5
	S.C.	48.2	48.3	39.5	39.6	28.0	50.0	50.4	42.2	42.3	29.2	51.8	52.6	44.9	45.0	30.4
	KW	4.1	4.1	4.1	4.2	4.3	4.2	4.1	4.1	4.2	4.3	4.2	4.2	4.2	4.3	4.4
105	T.C.	49.1	49.5	45.8	51.8	52.6	51.3	51.4	46.8	52.7	50.5	53.6	53.2	47.8	53.6	48.4
	S.C.	45.2	45.4	37.8	38.0	26.8	46.9	47.3	40.3	40.6	28.1	48.5	49.2	42.8	43.3	29.4
	KW	4.6	4.6	4.6	4.7	4.9	4.7	4.7	4.7	4.7	4.9	4.7	4.7	4.7	4.8	4.9
115	T.C.	47.1	46.4	42.2	47.8	48.5	49.1	48.1	43.2	48.7	46.5	51.1	49.7	44.2	49.5	44.5
	S.C.	42.3	42.6	36.2	36.4	25.8	43.8	44.3	38.5	39.0	27.1	45.3	45.9	40.7	41.6	28.5
	KW	5.2	5.2	5.1	5.2	5.4	5.2	5.2	5.2	5.3	5.4	5.2	5.2	5.2	5.3	5.4
125	T.C.	45.0	43.3	38.6	43.8	44.5	46.9	44.8	39.6	44.6	42.5	48.7	46.2	40.5	45.4	40.6
	S.C.	39.4	39.9	34.5	34.9	24.7	40.8	41.2	36.6	37.4	26.1	42.1	42.6	38.7	40.0	27.5
	KW	5.7	5.7	5.6	5.7	5.9	5.7	5.7	5.7	5.8	5.9	5.7	5.7	5.7	5.8	5.9

**NOTE:** ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.

**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.

<b>Air Handlers</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
AHX60	—	1.01	1.02	1.01
F6FP060	—	1.00	1.00	0.96
MA20D	FC/MC62D	1.00	1.01	1.00
MV20D	FC/MC62D	1.00	1.01	1.00

<b>Furnaces</b>	<b>Coils</b>	<b>T.C.</b>	<b>S.C.</b>	<b>KW</b>
T*(8,L)X*C20	FC/MC62D	0.98	0.96	0.98
C*(8,L)C*C20	FC/MC62D	0.99	0.97	0.95
(C*9C/T*9V)*C20	FC/MC62D	0.98	0.96	0.98
(C*9C/T*9V)*D20	FC/MC62D	0.98	0.97	0.97