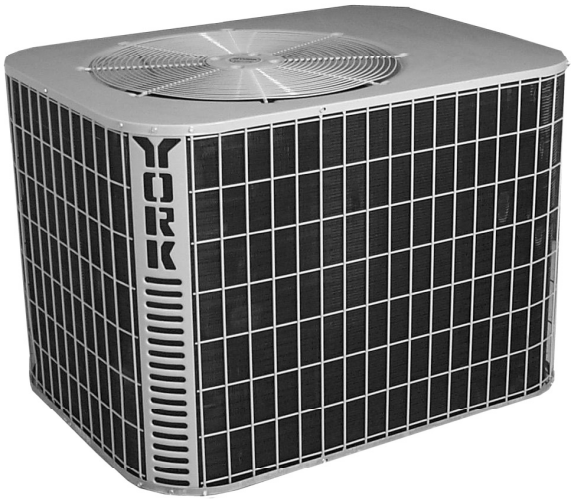
YORK®
Heating and Air Conditioning

TECHNICAL GUIDE

SPLIT-SYSTEM AIR CONDITIONERS

14 SEER

MODELS:
H*RE024 THRU 060
(2 THRU 5 NOMINAL TONS)



CERTIFICATION APPLIES ONLY WHEN THE COMPLETE SYSTEM IS LISTED WITH ARI.

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

Visit us on the web at www.york.com for the most up-to-date technical information.

Additional rating information can be found at www.ari.org.

DESCRIPTION

The 14 SEER Series condensing unit is the outdoor part of a versatile system of air conditioning. It is designed to be custom-matched with one of UPG's complete line of evaporator sections, with each serving a specific function. Matching Air Handlers are available for upflow, downflow, or horizontal applications to provide a complete system. Electric Heaters are available, if required. Add-On coils are available for use with upflow, downflow, or horizontal furnaces and air handlers.

WARRANTY

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

FEATURES

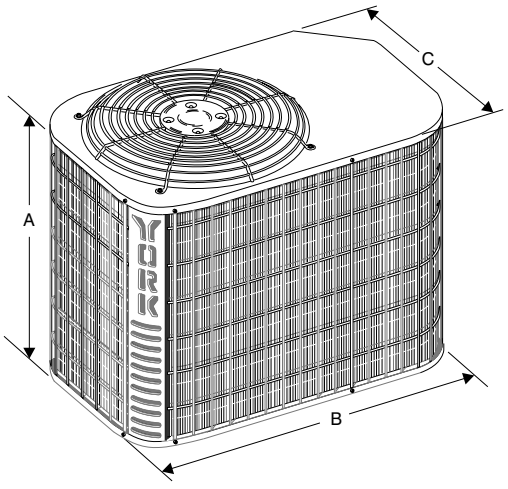
- **QUALITY CONDENSER COILS -** The coil is constructed of copper tube and aluminum fins.
- **PROTECTED COMPRESSOR -** The compressor is internally protected against high pressure and temperature. This is accomplished by the simultaneous operation of high pressure relief valve and a temperature sensor 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 desert sand 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. Discharge line heat exchanger knockouts are provided, if required. 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, a single panel covering the electrical controls, and the molex plug in the control box connecting the condenser fan 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.

Certified in accordance with the Unitary Small Equipment certification program, which is based on ARI Standard 210/240.

Physical and Electrical Data

MODEL		H1RE024S06	H1RE030S06	H1RE036S06	H2RE042S06	H2RE048S06	H2RE060S06
Unit Supply Voltage		208 / 230 - 1 – 60					
Normal Voltage Range[1]		187 to 252					
Minimum Circuit Ampacity		12.1	14.9	18.1	17.8	20.6	31.8
Max Overcurrent Device Amps[2]		20	20	25	30	35	50
Compressor Type[3]		Inertia	Inertia	Scroll[C]	Scroll[C]	Scroll[C]	Scroll[B]
Compressor Amps	Rated Load	9.3	10.9	13.5	13.2	15.5	24.3
	Locked Rotor	57	64	73	95	109	150
Crankcase Heater		No	No	No	No	No	No
Fan Motor Amps	Rated Load	.5	1.3	1.3	1.3	1.3	1.4
Fan Diameter Inches		22	22	22	24	24	24
Fan Motor	Rated HP	1/15	1/4	1/4	1/4	1/4	1/3
	Nominal RPM	830	825	825	825	825	1100
	Nominal CFM	2,260	3,300	3,300	3,300	3,300	3,500
Coil	Face Area Sq Ft	19.65	23.58	23.58	22.5	27.0	27.0
	Rows Deep	1	1	1	2	2	2
	Fin /Inch	18	18	18	18	18	18
Liquid Line OD		3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line OD		7/8	7/8	7/8	1 1/8	1 1/8	1 1/8
Unit Charge (Lbs - Oz)[4]		8 - 0	9 - 14	9 - 6	14 - 0	14 - 3	15 - 13
Charge Per Foot, oz.		0.70	0.70	0.70	0.76	0.76	0.76
Operating Weight Lbs		209	228	219	240	264	270

1. Rated in accordance with ARI Standard 110, utilization range “A”.
2. Dual element fuses or HACR circuit breaker.
3. All scrolls listed with superscript “B” are Bristol scrolls. All scrolls listed with superscripts “C” are Copeland scrolls.
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 with out notice. Certified dimensions will be provided upon request.

Unit Model	Dimensions (Inches)			Refrigerant Connection Line Size	
	A	B	C	Liquid	Vapor
024	33	37	27	3/8	7/8
030	39	37	27		
036	39	37	27		
042	32	43	32		1-1/8
048	38	43	32		
060	38	43	32		

1. Included Fan Guard

* Reducer Fan Guard

COOLING CAPACITY - With Air Handler Coils

UNIT MODEL	AIR HANDLER			COIL[1] MODEL	COOLING					
	MODEL	ELECTRIC [2] HEAT KW	W		RATED CFM	NET MBH		SEER W/O TXV	SEER + TXV[3]	EER
						TOTAL	SENS.			
1 PH 14 SEER AC WITH N-AH / G2FD										
H1RE024S06	N1AHB0806	2,5,8,10	17	G2FD036S17	800	25.2	18.1	-	14.00	12.35
H1RE030S06	N1AHB1206	5,8,10,15,19	17	G2FD036S17	1000	28.8	20.7	-	13.10	11.80
H1RE036S06	N1AHB1206	5,8,10,15,19	17	G2FD036S17	1200	34.0	24.5	-	13.35	11.80
	N1AHB1206	5,8,10,15,19	17	G2FD046S17	1200	35.0	25.6	-	14.00	12.20
	N1AHD1406	5,8,10,15	24	G2FD048S24	1200	35.4	25.7	-	14.00	12.50
	N1AHD1406	5,8,10,15	24	G2FD060S24	1200	36.0	26.1	-	14.20	12.80
H2RE042S06	N1AHC1606	5,8,10,15,20	21	G2FD042S21	1400	39.0	28.2	-	13.25	11.35
	N1AHC1606	5,8,10,15,20	21	G2FD048S21	1400	39.5	28.9	-	13.50	11.60
	N1AHD1406	5,8,10,15	24	G2FD060S24	1400	40.5	29.6	-	14.00	12.00
H2RE048S06	N1AHD2006	8,10,15,20,25,30	24	G2FD060S24	1600	46.5	33.9	-	13.85	11.80
	N1AHD2006	8,10,15,20,25,30	24	G2FD061H24	1600	47.0	34.3	-	14.00	11.90
H2RE060S06	N1AHD2006	8,10,15,20,25,30	24	G2FD060S24	1900	53.5	37.1	-	13.50	12.00
	N1AHD2006	8,10,15,20,25,30	24	G2FD061H24	2050	54.5	39.1	-	13.50	12.10
1 PH 14 SEER AC / N1VS - VARIABLE SPEED										
H1RE024S06	N1VSB12	10,15,18	17	G2FD036S17	870	25.6	18.1	-	15.00	13.85
	N1VSB12	10,15,18	17	G2FD046S17	870	26.2	18.9	-	15.50	14.15
H1RE030S06	N1VSB12	10,15,18	17	G2FD036S17	1000	29.4	20.7	-	14.50	12.95
	N1VSB12	10,15,18	17	G2FD046S17	1070	30.0	21.6	-	15.35	13.60
H1RE036S06	N1VSB12	10,15,18	17	G2FD046S17	1250	35.2	25.6	-	14.00	12.40
	N1VSC16	10,15,18	21	G2FD048S21	1285	36.0	25.7	-	15.00	13.60
H2RE042S06	N1VSC16	10,15,18	21	G2FD048S21	1420	40.5	28.9	-	14.50	12.50
	N1VSC16	10,15,18	21	G2FD048S21	1420	40.5	28.9	-	14.50	12.50
	N1VSD20	10,15,18,30	24	G2FD060S24	1420	41.5	29.6	-	15.50	13.20
H2RE048S06	N1VSC16	10,15,18	21	G2FD048S21	1590	46.0	33.2	-	14.30	12.20
	N1VSD20	10,15,18,30	24	G2FD060S24	1600	47.0	33.9	-	14.65	12.40
H2RE060S06	N1VSD20	8,10,15,20,25,30	24	G2FD060S24	1780	53.5	36.3	-	13.75	12.35
	N1VSD20	8,10,15,20,25,30	24	G2FD061H24	1780	54.5	37.0	-	14.00	12.60
1 PH 14 SEER AC / F2RP / RC / FP / FC / FV[4,5]										
H1RE024S06	F2RP/FP036	5,8,10,15,19	21	-	800	25.0	18.0	-	13.80	12.30
	F2FP040	5,8,10,15	21	-	800	25.4	17.4	-	14.00	12.75
H1RE030S06	F2RP/FP036	5,8,10,15,19	21	-	1000	29.8	21.5	-	13.85	12.40
	F2FP045	5,8,10,15	24	-	1000	30.6	21.5	-	14.00	12.70
H1RE036S06	F2RP/FP036	5,8,10,15,19	21	-	1200	34.4	24.8	-	13.50	12.10
	F2RP/FP042	5,8,10,15	21	-	1200	34.4	24.8	-	13.30	11.90
	F2FP045	5,8,10,15	24	-	1200	36.0	25.5	-	14.00	12.65
H2RE042S06	F2FP045	5,8,10,15	24	-	1400	40.5	29.8	-	14.00	12.00
	F2FP048	5,8,10,15,20,25	24	-	1400	39.5	28.9	-	13.25	11.30
H2RE048S06	F2FP060	5,8,10,15,20,25	24	-	1600	46.0	33.4	-	13.00	11.25
	F2FV060	8,10,15,20,25	24	-	1625	47.5	34.9	-	15.50	13.20
H2RE060S06	F2FP060	10,15,20,25	24	--	1900	53.0	36.7	-	13.00	11.60
	F2FV060	10,15,20,25	24	--	1900	53.5	36.3	-	13.75	12.35

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.
KW includes compressor, outdoor fan and indoor blower motor watts. Add-on coils include 365 watts/1000 CFM for blower motor.
EER (Energy Efficiency Ratio) is the total cooling output in BTU's at a 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. G2FD coils available with a factory installed horizontal drain pan. See price pages for specific model number.
2. Single phase units require single phase 2HK heaters.
3. TXV = Use 1TV700 Series Kit.
4. To meet R=4.2 insulation requirements, substitute F2FP for F2RP, and F2FC for F2RC. models. All ratings remain the same.
5. FG8, FG9, and FL8 furnaces and F2RP / F2RC air handlers have B.O.D (Blower on Delay) standard.

- = 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 + TXV W/O TDR	SEER + TXV[1] + TDR*	EER
					TOTAL	SENS.			
H1RE024S06	700 900	14	G1FA036S14	800	25.0	18.0	13.85	-	12.30
		17,21	G1FA036S17,21	800	24.8	17.9	13.85	-	12.20
		-	G1HD036	800	25.0	18.1	14.00	-	12.35
		17	G1NA036S17L	800	24.0	16.6	13.50	-	12.00
		21	G1NA048S21D	800	24.0	16.6	13.50	-	12.00
		14	G1UA036S14	800	25.0	18.0	13.85	-	12.30
		17,21	G1UA036S17,21	800	24.8	17.9	13.85	-	12.20
		17	G2FD030S17	800	24.8	17.9	13.85	-	12.20
		14	G2FD035S14	800	24.8	17.9	13.85	-	12.20
		17	G2FD036S17	800	25.2	18.1	14.00	-	12.35
		21	G2FD036S21	800	25.2	18.1	14.00	-	12.45
H1RE030S06	875 1125	14	G1FA036S14	1000	28.4	20.0	13.00	-	11.75
		17,21	G1FA036S17,21	1000	28.4	20.0	13.00	-	11.65
		21,24	G1FA048S21,24	1000	30.0	21.8	14.00	-	12.40
		-	G1HD048	1000	30.0	21.5	14.00	-	12.40
		17	G1NA036S17L	1000	29.0	20.0	-	13.50	11.95
		24	G1NA042S24W	1000	29.0	20.7	-	14.00	12.00
		21	G1NA048S21D	1000	29.0	20.0	-	13.50	11.95
		14	G1UA036S14	1000	28.4	20.0	13.00	-	11.75
		17,21	G1UA036S17,21	1000	28.4	20.0	13.00	-	11.65
		21,24	G1UA048S21,24	1000	30.0	21.8	14.00	-	12.40
		17	G2FD030S17	1000	28.4	20.4	13.00	-	11.65
		17	G2FD036S17	1000	28.8	20.7	13.10	-	11.80
		21	G2FD036S21	1000	28.8	21.0	13.10	-	12.10
		21,24	G2FD048S21,24	1000	30.2	21.8	-	14.00	12.50
H1RE036S06	1050 1350	21,24	G1FA048S21,24	1200	35.2	25.3	14.00	-	12.30
		-	G1HD048	1200	34.8	25.0	13.75	-	12.30
		17	G1NA036S17L	1200	33.0	23.4	-	13.00	11.30
		24	G1NA042S24W	1200	34.6	25.0	-	14.00	12.00
		21	G1NA048S21D	1200	33.0	23.4	-	13.00	11.30
		21,24	G1UA048S21,24	1200	35.2	25.3	14.00	-	12.30
		17	G2FD036S17	1200	34.0	24.5	13.35	-	11.80
		21	G2FD036S21	1200	34.0	24.8	13.35	-	12.05
		21	G2FD042S21	1200	34.8	25.4	13.70	-	12.10
		17	G2FD046S17	1200	35.0	25.6	14.00	-	12.20
		21,24	G2FD048S21,24	1200	35.2	25.7	14.00	-	12.45
H2RE042S06	1225 1575	21,24	G1FA048S21,24	1400	39.0	28.4	-	13.50	11.45
		21,24	G1FA060S21,24	1400	40.5	29.6	-	14.00	11.80
		-	G1HD048	1400	39.0	28.4	-	13.25	11.50
		24	G1NA042S24W	1400	40.5	29.5	-	14.00	11.75
		21	G1NA048S21D	1400	39.0	27.3	-	13.00	11.50
		21,24	G1UA048S21,24	1400	39.0	28.4	-	13.50	11.45
		21,24	G1UA060S21,24	1400	40.5	29.6	-	14.00	11.80
		21	G2FD042S21	1400	39.0	28.2	-	13.25	11.35
		17	G2FD046S17	1400	39.0	28.6	-	13.50	11.45
		21,24	G2FD048S21,24	1400	39.5	28.9	-	13.50	11.60
		24	G2FD060S24	1400	40.5	29.6	-	14.00	11.80
H2RE048S06	1400 1800	21,24	G1FA048S21,24	1600	45.0	32.6	-	13.40	11.50
		21,24	G1FA060S21,24	1600	46.5	33.9	-	13.85	11.80
		-	G1HD048	1600	45.0	32.4	-	13.25	11.45
		24	G1NA042S24W	1500	46.5	32.8	-	14.00	11.85
		21	G1NA048S21D	1400	44.0	29.0	-	13.00	11.50
		21,24	G1UA048S21,24	1600	45.0	32.6	-	13.40	11.50
		21,24	G1UA060S21,24	1600	46.5	33.9	-	13.85	11.80
		21,24	G2FD048S21,24	1600	45.5	33.2	-	13.50	11.60
		24	G2FD060S24	1600	46.5	33.9	-	13.85	11.80
		24	G2FD061H24	1600	47.0	34.3	-	14.00	11.90

For Notes See Page 5.

COOLING CAPACITY - Upflow, Downflow, & Horizontal Furnaces and Coils (Continued)

UNIT MODEL	FURNACE**		COIL MODEL	COOLING					
	CFM RANGE (MIN.-MAX.)	W		RATED CFM	NET MBH TOTAL	NET MBH SENS.	SEER + TXV W/O TDR	SEER + TXV[1] + TDR*	EER
H2RE060S06	1650 2150	21,24	G1FA060S21,24	1900	53.5	37.1	-	13.25	12.00
		24	G2FD060S24	1900	53.5	37.1	-	13.25	12.00
		24	G2FD061H24	2050	54.5	39.1	-	13.25	12.10
		-	G1HD060	1900	52.5	36.0	-	13.00	11.75
		24	G1NA060S24T	1900	53.0	35.9	-	13.00	11.90
		21,24	G1UA060S21,24	1900	53.5	37.1	-	13.25	12.00

1. TXV = Use 1TV700 Series Kit.

* Requires a 2FD Blower Time Delay unless a standard furnace is equipped with one.

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

COOLING CAPACITY - With Variable Speed Furnaces

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL[1]	W	COOLING					
				RATED CFM	NET MBH TOTAL	NET MBH SENS.	SEER W/O TXV	SEER + TXV[2]	EER
1 PH 14 SEER AC / P1DU / P1XD / P1XU - VARIABLE SPEED[3]									
H1RE024S06	P1DUA12V	G1FA036S14	14	870	25.4	18.0	-	15.00	13.60
	P1DUA12V	G1UA036S14	14	870	25.4	18.0	-	15.00	13.60
	P1DUA12V	G2FD035S14	14	870	25.2	17.9	-	15.00	13.50
	P1XDB12V	G2FD030S17	17	830	26.0	17.9	-	15.00	13.65
	P1XUB12V	G1FA036S17	17	870	25.4	18.0	-	15.50	13.75
	P1XUB12V	G1UA036S17	17	870	25.4	18.0	-	15.50	13.75
	P1XUB12V	G2FD030S17	17	870	25.4	17.9	-	15.50	13.75
	P1XUB12V	G2FD036S17	17	870	25.8	18.1	-	15.50	13.90
H1RE030S06	P1DUA12V	G1FA036S14	14	1000	28.8	20.0	-	13.50	12.50
	P1DUA12V	G1UA036S14	14	1000	28.8	20.0	-	13.50	12.50
	P1DUB16V	G2FD036S17	17	1000	30.0	20.7	-	14.50	13.35
	P1XDB12V	G2FD036S17	17	1040	30.2	20.7	-	14.00	12.50
	P1XUB12V	G2FD036S17	17	1020	29.2	20.7	-	14.00	12.65
H1RE036S06	P1DUB16V	G2FD036S17	17	1200	34.4	24.5	-	14.00	12.70
	P1DUC20V	G1FA048S21	21	1200	36.2	25.3	-	15.50	14.15
	P1DUC20V	G1UA048S21	21	1200	36.2	25.3	-	15.50	14.15
	P1DUC20V	G2FD036S21	21	1200	34.6	24.8	-	14.65	13.05
	P1DUC20V	G2FD048S21	21	1200	36.0	25.7	-	15.50	13.95
	P1XDB12V	G2FD036S17	17	1130	34.8	24.5	-	14.20	12.60
	P1XDD20V	G2FD048S24	24	1195	36.2	25.7	-	14.50	13.10
	P1XUB12V	G2FD036S17	17	1200	34.4	24.5	-	14.00	12.65
H2RE042S06	P1DUC20V	G1FA048S21	21	1400	39.5	28.4	-	14.50	12.45
	P1DUC20V	G1FA060S21	21	1400	41.0	29.6	-	15.00	12.80
	P1DUC20V	G1UA048S21	21	1400	39.5	28.4	-	14.50	12.45
	P1DUC20V	G1UA060S21	21	1400	41.0	29.6	-	15.00	12.80
	P1DUC20V	G2FD042S21	21	1400	39.5	28.2	-	14.00	12.30
	P1DUC20V	G2FD048S21	21	1420	40.0	28.9	-	14.50	12.60
	P1DUC20V	G2FD048S21	21	1420	40.0	28.9	-	14.50	12.50
	P1XDD20V	G2FD048S24	24	1365	41.0	28.9	-	14.40	12.50
	P1XDD20V	G2FD060S24	24	1420	41.5	33.8	-	14.40	12.55
H2RE048S06	P1DUC20V	G1FA060S21	21	1605	46.5	33.9	-	14.00	12.20
	P1DUC20V	G1UA060S21	21	1605	46.5	33.9	-	14.00	12.20
	P1DUC20V	G2FD048S21	21	1605	45.5	33.2	-	13.50	12.00
	P1XDD20V	G2FD060S24	24	1580	47.0	33.9	-	13.80	12.20
H2RE060S06	P1XDD20V	G2FD060S24	24	1580	52.5	34.3	-	13.50	12.2
	P1DUC20V	G1FA060S21	21	1630	53.0	34.9	-	13.60	12.4
	P1DUC20V	G1UA060S21	21	1630	53.0	34.9	-	13.60	12.4
	P1XUC20V	G1FA060S21	21	1590	53.0	34.5	-	13.50	12.4
	P1XUC20V	G1UA060S21	21	1590	53.0	34.5	-	13.50	12.4
	P1XUD20V	G1FA060S24	24	1560	53.0	34.4	-	13.75	12.5
	P1XUD20V	G1UA060S24	24	1560	53.0	34.4	-	13.75	12.5
	P1XUD20V	G2FD060S24	24	1560	53.0	34.4	-	13.75	12.5
	P1XUD20V	G2FD061H24	24	1560	53.5	34.9	-	14.00	12.8

1. G2FD coils available with a factory installed horizontal drain pan. See price pages for specific model number.
2. TXV = Use 1TV700 Series Kit.
3. Variable speed furnaces have B.O.D (Blower on Delay) standard.

COOLING PERFORMANCE

MODEL	SUCT. T/P @ COMPR.		AIR TEMP ON CONDENSER						MODEL	SUCT. T/P @ COMPR.		AIR TEMP ON CONDENSER					
			75×F		95×F		115×F					75×F		95×F		115×F	
	TEMP.	PSIG	MBH	KW	MBH	KW	MBH	KW		TEMP.	PSIG	MBH	KW	MBH	KW	MBH	KW
H1RE024S06	35	61.5	22.9	1.42	19.4	1.63	15.9	1.82	H2RE042S06	35	61.5	36.1	2.31	31.7	2.94	27.5	3.81
	40	68.5	25.3	1.45	21.6	1.67	18.0	1.90		40	68.5	39.3	2.33	34.6	2.95	30.1	3.81
	45	76.0	28.0	1.47	24.0	1.72	20.1	1.97		45	76.0	42.6	2.35	37.7	2.97	32.9	3.83
	50	84.0	30.7	1.49	26.5	1.76	22.3	2.04		50	84.0	46.1	2.39	40.9	3.00	35.8	3.84
H1RE030S06	35	61.5	26.5	1.76	22.9	1.99	19.2	2.11	H2RE048S06	35	61.5	43.2	2.64	38.2	3.31	33.2	4.22
	40	68.5	29.4	1.77	25.6	2.03	21.7	2.19		40	68.5	47.0	2.66	41.6	3.34	36.4	4.24
	45	76.0	32.5	1.77	28.4	2.07	24.3	2.27		45	76.0	50.9	2.69	45.2	3.37	39.7	4.28
	50	84.0	35.8	1.76	31.4	2.10	27.0	2.33		50	84.0	54.9	2.72	48.9	3.39	43.0	4.31
H1RE036S06	35	61.5	32.0	1.96	29.2	2.44	26.3	3.10	H2RE060S06	35	61.5	52.4	3.09	46.8	3.83	41.2	4.82
	40	68.5	34.8	1.97	31.9	2.45	28.8	3.11		40	68.5	56.8	3.11	51.0	3.87	45.1	4.86
	45	76.0	37.7	1.99	34.7	2.47	31.5	3.12		45	76.0	61.4	3.15	55.3	3.91	49.2	4.91
	50	84.0	40.7	2.01	37.6	2.48	34.3	3.13		50	84.0	66.2	3.18	59.8	3.96	53.3	4.96

1. For condensing unit only. Does not include effect of evaporator motor power or heat.
2. Performance based on 15° superheat and 15° sub-cooling at condensing unit.
   a. Increase capacity 1% for each 2° increase in sub-cooling.
   b. Decrease capacity 1% for each 2° decrease in sub-cooling.
3. Sub-cooling in excess of 20° may result in excessively high condensing temperature with air on condenser above 115°. Maximum recommended condensing temperature is 140°F.

ACCESSORIES

Refer to Price Manual for specific model numbers.

Compressor Blanket - Designed to further reduce the normal operating sound and is required to meet Canadian sound levels for units of three tons and below.

Refer to Price Manual for specific model numbers.

Blower Time Delay - Available to increase efficiency when installed. Installs on indoor section and maintains blower for approximately one minute after cooling thermostat has been satisfied.

TXV KIT - 1TV0700 series must be used to obtain system performance. See Tabular Data Sheet for proper selection.

Room Thermostats - One of the following thermostat may be used with these systems.

6TH07700124 - One Stage Heat / One Stage Cool, non-programmable thermostat, manual changeover with automatic fan on cooling or cooling and heating.

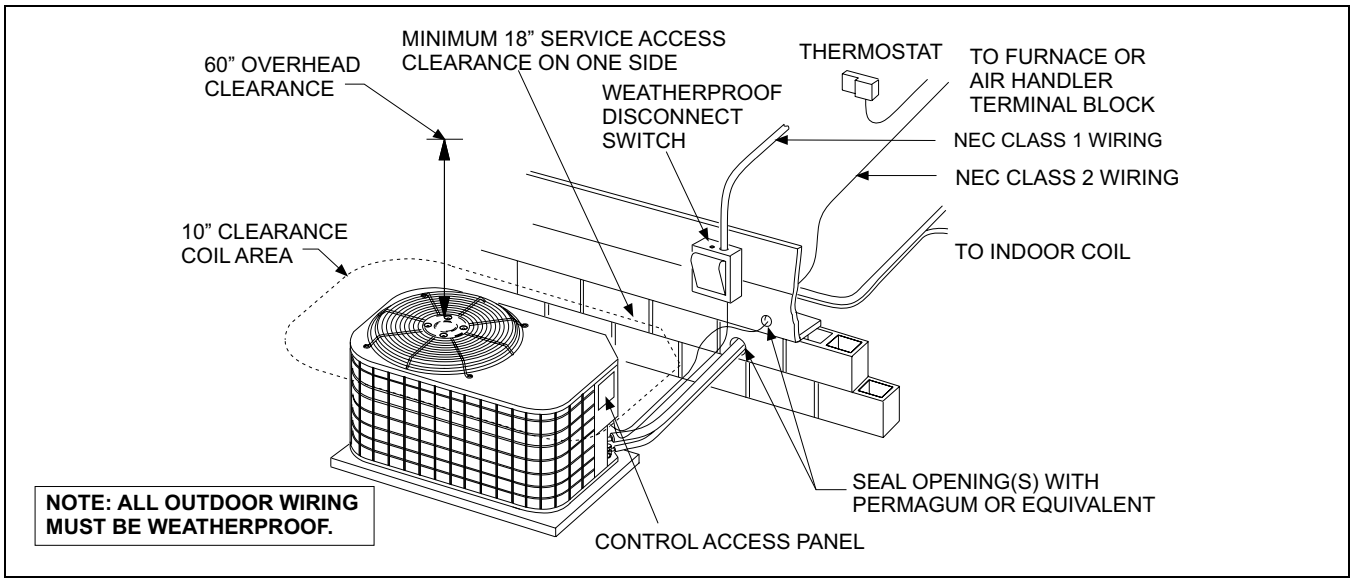
6ET07700324 - One Stage Heat / One Stage Cool, electronic programmable (5 day/2 day) manual changeover.

SOUND RATINGS

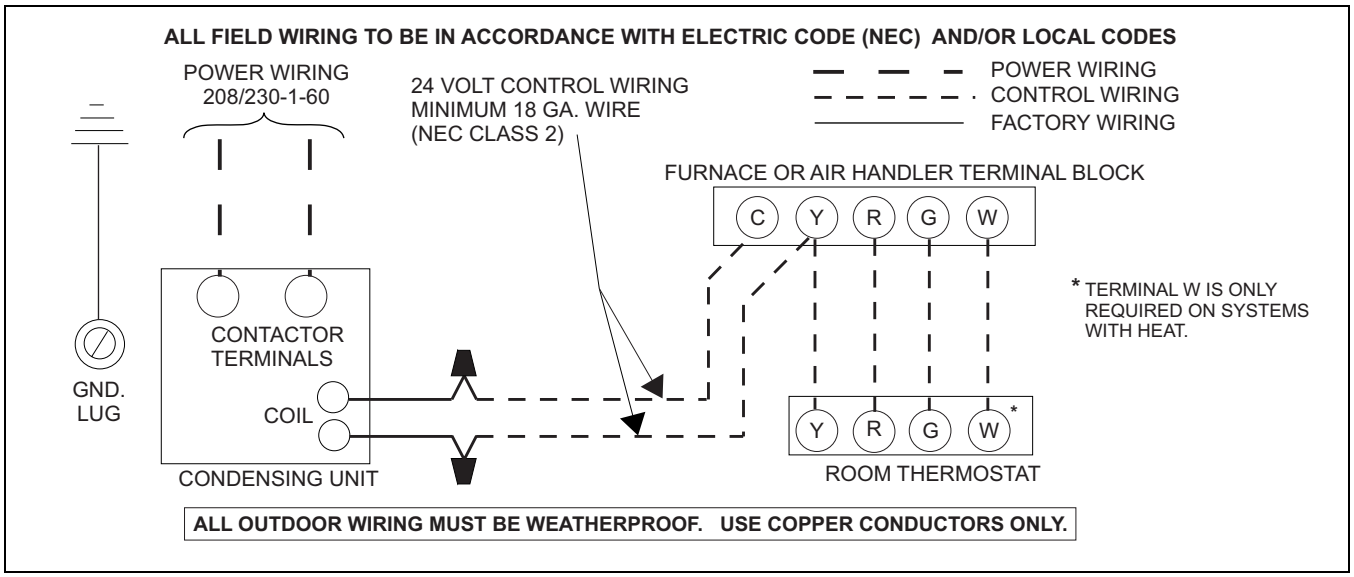
UNIT MODEL	SOUND RATINGS DECIBELS
024	76*
030	76*
036	76
042	76
048	76
060	80

* Includes Blanket

TYPICAL INSTALLATION



TYPICAL FIELD WIRING



COOLING PERFORMANCE DATA													
AIR CONDITIONER MODEL NO.		H1RE024S06											
INDOOR COIL MODEL NO.		F2RP/F2FP036											
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1100				1250				1350			
	ID DB	85	80	75	70	85	80	75	70	85	80	75	70
	ID WB	72	67	62	57	72	67	62	57	72	67	62	57
75	T.C.	30.2	27.8	25.4	23.3	30.6	28.2	25.8	23.9	30.7	28.3	26.1	24.3
	S.C.	17.7	17.8	17.9	17.9	19.1	19.0	19.2	18.9	19.8	19.7	19.8	19.1
	K.W	1.75	1.74	1.72	1.70	1.81	1.79	1.78	1.77	1.83	1.82	1.81	1.79
85	T.C.	28.5	26.2	23.9	22.1	28.8	26.5	24.3	22.6	28.9	26.6	24.5	22.9
	S.C.	17.3	17.3	17.4	17.4	18.5	18.5	18.6	17.8	19.3	19.2	19.2	18.1
	K.W	1.87	1.85	1.82	1.80	1.93	1.91	1.89	1.87	1.96	1.94	1.92	1.90
95	T.C.	26.9	24.8	22.6	20.9	27.2	25.0	23.0	21.5	27.3	25.2	23.4	21.7
	S.C.	16.9	16.8	17.0	16.5	18.1	18.0	18.0	16.9	18.8	18.8	18.4	17.1
	K.W	2.02	1.99	1.96	1.93	2.08	2.05	2.02	2.00	2.11	2.08	2.06	2.03
105	T.C.	25.3	23.2	21.3	19.8	25.6	23.6	21.8	20.2	25.6	23.7	22.1	20.4
	S.C.	16.4	16.3	16.4	15.6	17.6	17.5	17.2	15.9	18.4	18.2	17.4	16.1
	K.W	2.18	2.14	2.10	2.07	2.25	2.21	2.17	2.14	2.28	2.24	2.21	2.17
115	T.C.	23.6	21.7	20.0	18.6	23.8	22.0	20.5	18.9	24.0	22.3	20.7	19.1
	S.C.	15.9	15.8	15.8	14.6	17.1	16.9	16.1	14.9	17.9	17.6	16.3	15.1
	K.W	2.36	2.31	2.26	2.21	2.42	2.37	2.33	2.29	2.46	2.41	2.37	2.32
125	T.C.	21.9	20.2	18.7	17.4	22.0	20.4	19.2	17.6	22.4	20.9	19.3	17.8
	S.C.	15.4	15.3	15.2	13.6	16.6	16.3	15.0	13.9	17.4	17.0	15.2	14.1
	K.W	2.54	2.48	2.42	2.35	2.59	2.53	2.49	2.44	2.64	2.58	2.53	2.47
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.													

Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	T.C.	S.C.	KW
N1AHB0806	G2FD036S17	1.01	1.01	1.00
N1VSB12	G2FD036S17	1.02	1.01	0.91
N1VSB12	G2FD046S17	1.05	1.05	0.91
F2FP040		1.02	0.97	0.98
F2RP/F2FP036		1.00	1.00	1.00
	G1FA036S14	1.00	1.00	1.00
	G1FA036S17,21	0.99	0.99	1.00
	GFD030S17	0.99	0.99	1.00
	GFD035S14	0.99	0.99	1.00
	G1UA036S17,21	0.99	0.99	1.00
	G2FD036S17	1.01	1.01	1.00
	G2FD036S21	1.01	1.01	1.00
	G1HD036S	1.00	1.01	0.98
	G1NA036S17L	0.96	0.92	0.98
	G1NA048S21D	0.96	0.92	0.99
	G1UA036S14	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P1DUA12V	G1FA036S14	1.02	1.00	0.92
P1DUA12V	G1UA036S14	1.02	1.00	0.92
P1DUA12V	G2FD035S14	1.01	0.99	0.92
P1XDB12V	G2FD030S17	1.04	0.99	0.94
P1XUB12V	G1FA036S17	1.02	1.00	0.91
P1XUB12V	G1UA036S17	1.02	1.00	0.91
P1XUB12V	G2FD030S17	1.02	0.99	0.91
P1XUB12V	G2FD036S17	1.03	1.01	0.91

COOLING PERFORMANCE DATA													
AIR CONDITIONER MODEL NO.		**H1RE030S06**											
INDOOR COIL MODEL NO.		**G1UA048S21, 24**											
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	800				1000				1200			
	ID DB	85	80	75	70	85	80	75	70	85	80	75	70
	ID WB	72	67	62	57	72	67	62	57	72	67	62	57
75	T.C.	35.9	32.8	30.2	27.0	36.6	33.5	30.9	27.7	36.9	33.8	31.4	28.1
	S.C.	21.2	21.2	20.4	21.4	22.8	22.9	22.0	23.1	23.9	23.9	23.1	24.2
	K.W	1.68	1.70	1.71	1.70	1.68	1.69	1.70	1.70	1.67	1.69	1.70	1.70
85	T.C.	34.1	31.1	28.6	25.6	34.7	31.7	29.3	26.2	35.0	32.0	29.6	26.6
	S.C.	20.6	20.6	19.7	20.8	22.2	22.2	21.4	22.4	23.3	23.3	22.4	23.6
	K.W	1.89	1.89	1.89	1.86	1.89	1.89	1.89	1.87	1.89	1.89	1.89	1.87
95	T.C.	32.3	29.5	27.1	24.2	32.8	30.0	27.7	24.8	33.1	30.4	28.0	25.2
	S.C.	20.0	20.0	19.2	20.1	21.6	21.6	20.8	21.7	22.7	22.7	21.7	22.8
	K.W	2.07	2.05	2.03	1.99	2.07	2.06	2.04	2.00	2.07	2.06	2.05	2.01
105	T.C.	30.5	27.8	25.6	22.7	30.9	28.3	26.1	23.4	31.1	28.6	26.3	23.9
	S.C.	19.4	19.4	18.6	19.4	21.0	21.0	20.1	21.1	22.1	22.1	21.1	22.0
	K.W	2.23	2.19	2.16	2.10	2.23	2.20	2.17	2.12	2.24	2.21	2.18	2.13
115	T.C.	28.6	26.0	24.0	21.2	29.0	26.5	24.4	22.1	29.3	26.8	24.7	22.5
	S.C.	18.8	18.7	17.9	18.7	20.4	20.4	19.4	20.3	21.5	21.4	20.5	20.8
	K.W	2.37	2.32	2.27	2.20	2.38	2.33	2.28	2.23	2.38	2.34	2.29	2.24
125	T.C.	26.7	24.2	22.3	19.7	27.1	24.7	22.6	20.8	27.5	25.0	23.0	21.1
	S.C.	18.2	18.0	17.2	18.0	19.8	19.8	18.8	19.5	20.9	20.7	19.9	19.6
	K.W	2.51	2.45	2.38	2.30	2.53	2.46	2.39	2.34	2.52	2.47	2.40	2.35
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.													

Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	T.C.	S.C.	KW
N1AHB1206	G2FD036S17	0.96	0.95	1.01
N1VSB12	G2FD036S17	0.98	0.95	0.94
N1VSB12	G2FD046S17	1.00	0.99	0.91
F2FP045		1.02	0.99	1.00
F2RP/F2FP036		0.99	0.99	0.99
	G1UA036S14	0.95	0.92	1.00
	G1UA048S21,24	1.00	1.00	1.00
	GUA036S17,21	0.95	0.92	1.01
	GFA036S17,21	0.95	0.92	1.01
	GFD030S17	0.95	0.94	1.01
	G1UA048S21,24	1.00	1.00	1.00
	G2FD036S17	0.96	0.95	1.01
	G2FD036S21	0.96	0.96	0.98
	GFD048S21,24	1.01	1.01	1.00
	G1HD048S	1.00	0.99	1.00
	G1NA036S17L	0.97	0.92	1.00
	G1NA042S24W	0.97	0.95	1.00
	G1NA048S21D	0.97	0.92	1.00
	G1UA036S14	0.95	0.92	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P1DUA12V	G1FA036S14	0.96	0.92	0.95
P1DUA12V	G1UA036S14	0.96	0.92	0.95
P1DUB16V	G2FD036S17	1.00	0.95	0.93
P1XDB12V	G2FD036S17	1.01	0.95	1.00
P1XUB12V	G2FD036S17	0.97	0.95	0.95

COOLING PERFORMANCE DATA										
AIR CONDITIONER MODEL NO.		H1RE036S06								
INDOOR COIL MODEL NO.		G1UA048S21, 24								
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1000			1200			1400		
	ID DB	85	80	70	85	80	70	85	80	70
	ID WB	72	67	57	72	67	57	72	67	57
75	T.C.	40.0	36.9	34.3	41.3	38.1	35.7	42.0	38.9	36.7
	S.C.	25.4	24.4	23.4	27.6	26.3	25.5	29.6	27.9	27.2
	K.W	1.98	1.96	1.94	1.99	1.97	1.95	2.00	1.98	1.96
85	T.C.	38.6	35.6	32.7	39.6	36.6	34.0	40.2	37.3	34.9
	S.C.	24.8	23.8	22.8	27.0	25.8	24.9	29.1	27.6	26.6
	K.W	2.21	2.18	2.17	2.22	2.19	2.18	2.23	2.20	2.19
95	T.C.	37.2	34.2	31.0	37.8	35.2	32.4	38.4	35.8	33.0
	S.C.	24.2	23.3	22.3	26.4	25.3	24.2	28.5	27.2	25.9
	K.W	2.44	2.41	2.40	2.45	2.42	2.41	2.46	2.42	2.42
105	T.C.	35.5	32.3	29.6	36.1	33.1	30.6	36.7	33.7	31.2
	S.C.	23.5	22.6	21.7	25.6	24.6	23.5	27.6	26.5	25.3
	K.W	2.75	2.72	2.72	2.75	2.73	2.72	2.76	2.73	2.73
115	T.C.	33.7	30.4	28.1	34.4	31.1	28.7	35.0	31.7	29.4
	S.C.	22.8	21.8	21.1	24.7	23.9	22.8	26.8	25.8	24.6
	K.W	3.06	3.04	3.03	3.06	3.04	3.02	3.07	3.04	3.03
125	T.C.	31.9	28.5	26.7	32.7	29.1	26.9	33.3	29.7	27.6
	S.C.	22.2	21.1	20.5	23.9	23.1	22.1	25.9	25.1	24.0
	K.W	3.37	3.36	3.34	3.37	3.35	3.32	3.38	3.35	3.33
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.										

Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	T.C.	S.C.	KW
N1AHB1206	G2FD036S17	0.97	0.97	1.01
N1AHB1206	G2FD046S17	0.99	1.01	1.00
N1VSB12	G2FD046S17	1.00	1.01	0.99
N1VSC16	G2FD048S21	1.02	1.02	0.92
N1AHD14	G2FD048S24	1.01	1.02	0.99
N1AHD14	G2FD060S24	1.02	1.03	0.98
F2FP045		1.02	1.01	0.99
F2RP/F2FP042		0.98	0.98	1.01
F2RP/F2FP036		0.98	0.98	0.99
	G1FA048S21,24	1.00	1.00	1.00
	GFD042S21	0.99	1.00	1.00
	G2FD036S17	0.97	0.97	1.01
	G2FD036S21	0.97	0.98	0.99
	G2FD046S17	0.99	1.01	1.00
	G2FD048S21,24	1.00	1.02	0.99
	G1HD048S	0.99	0.99	0.99
	G1NA036S17L	0.94	0.92	1.02
	G1NA042S24W	0.98	0.99	1.01
	GNA048S21D	0.94	0.92	1.02
	G1UA048S21,24	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P1DUB16V	G2FD036S17	0.98	0.97	0.95
P1DUC20V	G1FA048S21	1.03	1.00	0.89
P1DUC20V	G1UA048S21	1.03	1.00	0.89
P1DUC20V	G2FD036S21	0.98	0.98	0.93
P1DUC20V	G2FD048S21	1.02	1.02	0.90
P1XDB12V	G2FD036S17	0.99	0.97	0.97
P1XDD20V	G2FD048S24	1.03	1.02	0.97
P1XUB12V	G2FD036S17	0.98	0.97	0.95

COOLING PERFORMANCE DATA													
AIR CONDITIONER MODEL NO.		**H2RE042S06**											
INDOOR COIL MODEL NO.		**G1UA060S21,24**											
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1300				1450				1550			
	ID DB	85	80	75	70	85	80	75	70	85	80	75	70
	ID WB	72	67	62	57	72	67	62	57	72	67	62	57
75	T.C.	47.3	43.8	40.3	37.2	47.7	44.3	40.9	37.7	48.0	44.5	41.2	38.0
	S.C.	28.3	28.5	28.9	29.2	29.8	30.0	30.6	30.7	30.8	31.0	31.6	31.7
	K.W	2.88	2.84	2.80	2.77	2.95	2.90	2.87	2.84	3.00	2.95	2.91	2.88
85	T.C.	44.6	41.3	38.1	35.1	45.0	41.8	38.6	35.5	45.2	42.1	38.8	35.9
	S.C.	27.4	27.6	28.1	28.2	29.0	29.2	29.6	29.8	30.0	30.2	30.6	30.8
	K.W	3.14	3.10	3.06	3.04	3.20	3.16	3.13	3.11	3.25	3.21	3.17	3.15
95	T.C.	42.2	39.0	36.0	33.1	42.5	39.5	36.4	33.7	42.8	39.7	36.6	33.9
	S.C.	26.6	26.8	27.2	27.4	28.2	28.4	28.7	28.9	29.3	29.4	29.7	29.8
	K.W	3.45	3.41	3.39	3.37	3.52	3.48	3.45	3.43	3.56	3.52	3.49	3.47
105	T.C.	39.7	36.8	33.9	31.2	40.1	37.2	34.2	31.8	40.3	37.3	34.4	32.2
	S.C.	25.9	26.1	26.4	26.6	27.5	27.6	27.9	28.2	28.5	28.5	28.9	28.6
	K.W	3.82	3.79	3.77	3.75	3.89	3.86	3.83	3.81	3.93	3.90	3.87	3.85
115	T.C.	37.2	34.5	31.7	29.3	37.6	34.8	32.1	30.0	37.8	35.0	32.3	30.3
	S.C.	25.1	25.2	25.5	25.6	26.7	26.7	27.1	26.6	27.7	27.7	27.9	26.9
	K.W	4.26	4.23	4.21	4.19	4.32	4.29	4.27	4.26	4.36	4.34	4.31	4.30
125	T.C.	34.7	32.2	29.5	27.4	35.1	32.4	30.0	28.2	35.3	32.7	30.2	28.4
	S.C.	24.3	24.3	24.6	24.6	25.9	25.8	26.3	25.0	26.9	26.9	26.9	25.2
	K.W	4.70	4.67	4.65	4.63	4.75	4.72	4.71	4.71	4.79	4.78	4.75	4.75
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.													

Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	T.C.	S.C.	KW
N1AHC1606	G2FD042S21	0.96	0.95	1.00
N1AHC1606	G2FD048S21	0.98	0.98	0.99
N1AHD1406	G2FD060S24	1.00	1.00	0.98
N1VSC16	G2FD048S21	1.00	0.98	0.94
N1VSD20	G2FD060S24	1.02	1.00	0.92
F2FP045		1.00	1.01	0.98
F2FP048		0.98	0.98	1.02
	G1NA042S24W	1.00	1.00	1.00
	GNA048S21D	0.96	0.92	0.99
	G1FA048S21,24	0.96	0.96	0.99
	G1FA060S21,24	1.00	1.00	1.00
	G1UA048S21,24	0.96	0.96	0.99
	G1UA060S21,24	1.00	1.00	1.00
	G2FD042S21	0.96	0.95	0.99
	G2FD046S17	0.96	0.97	0.99
	G2FD048S21,24	0.98	0.98	0.98
	G2FD060S24	1.00	1.00	1.00
	GHD048S	0.96	0.96	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P1DUC20V	G1FA048S21	0.98	0.96	0.92
P1DUC20V	G1FA060S21	1.01	1.00	0.93
P1DUC20V	G1UA048S21	0.98	0.96	0.92
P1DUC20V	G1UA060S21	1.01	1.00	0.93
P1DUC20V	G2FD042S21	0.98	0.95	0.94
P1DUC20V	G2FD048S21	0.99	0.98	0.92
P1DUC20V	G2FD048S21	0.99	0.98	0.93
P1XDD20V	G2FD048S24	1.01	0.98	0.96
P1XDD20V	G2FD060S24	1.16	1.00	1.12

COOLING PERFORMANCE DATA										
AIR CONDITIONER MODEL NO.		**H2RE048S06**								
INDOOR COIL MODEL NO.		**G2FD060S24, G1UA060S21,24**								
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1400			1600			1800		
	ID DB	85	80	70	85	80	70	85	80	70
	ID WB	72	67	57	72	67	57	72	67	57
75	T.C.	53.3	49.5	45.5	54.3	50.2	46.4	55.2	51.0	47.3
	S.C.	33.4	32.6	31.1	35.9	35.0	33.0	38.3	37.4	34.9
	K.W	2.76	2.72	2.69	2.77	2.74	2.70	2.77	2.76	2.70
85	T.C.	51.2	47.7	43.9	52.0	48.4	44.8	52.8	49.1	45.7
	S.C.	33.1	32.1	30.6	35.4	34.5	32.6	37.7	36.8	34.6
	K.W	3.07	3.04	3.01	3.07	3.05	3.02	3.08	3.06	3.03
95	T.C.	49.0	45.9	42.4	49.7	46.5	43.2	50.3	47.2	44.1
	S.C.	32.7	31.6	30.0	34.9	33.9	32.2	37.1	36.2	34.4
	K.W	3.37	3.35	3.33	3.38	3.36	3.34	3.38	3.37	3.35
105	T.C.	46.6	43.5	40.1	47.3	44.1	40.8	48.0	44.7	41.6
	S.C.	31.7	30.7	29.0	34.0	32.9	31.2	36.3	35.1	33.3
	K.W	3.78	3.75	3.74	3.79	3.76	3.75	3.79	3.77	3.75
115	T.C.	44.1	41.1	37.8	44.9	41.6	38.4	45.6	42.2	39.1
	S.C.	30.8	29.8	28.1	33.1	31.9	30.2	35.4	34.1	32.3
	K.W	4.18	4.16	4.15	4.19	4.16	4.15	4.21	4.16	4.15
125	T.C.	41.7	38.7	35.5	42.5	39.2	36.0	43.3	39.7	36.6
	S.C.	29.8	28.8	27.1	32.2	31.0	29.2	34.6	33.1	31.3
	K.W	4.59	4.56	4.56	4.60	4.56	4.55	4.62	4.56	4.55
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.										

Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	T.C.	S.C.	KW
N1AHD2006	G2FD060S24	0.99	0.99	1.00
N1AHD2006	G2FD061H24	1.00	1.00	1.00
N1VSC16	G2FD048S21	0.98	0.97	0.95
N1VSD20	G2FD060S24	1.00	0.99	0.96
F2FP060		0.98	0.97	1.04
F2FV060		1.01	1.02	0.91
	G1NF060SOF	0.99	0.96	0.99
	G1UA048S21,24	0.96	0.95	0.99
	G1UA060S21,24	0.99	0.99	1.00
	G2FD048S21,24	0.97	0.97	0.99
	G2FD060S24	0.99	0.99	1.00
	G2FD061H24	1.00	1.00	1.00
	G1FA048S21,24	0.96	0.95	0.99
	G1FA060S21,24	0.99	0.99	1.00
	G1HD048S	0.96	0.94	1.00
	G1NA042S24W	0.99	0.96	0.99
	GNA048S21D	0.94	0.85	0.97

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P1DUC20V	G1FA060S21	0.99	0.99	0.97
P1DUC20V	G1UA060S21	0.99	0.99	0.97
P1DUC20V	G2FD048S21	0.97	0.97	0.96
P1XDD20V	G2FD060S24	1.00	0.99	0.98

COOLING PERFORMANCE DATA										
AIR CONDITIONER MODEL NO.		**H2RE060S06**								
INDOOR COIL MODEL NO.		**G2FD060S24; G1UA060S21, 24**								
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1600			1800			2000		
	ID DB	85	80	70	85	80	70	85	80	70
	ID WB	72	67	57	72	67	57	72	67	57
75	T.C.	63.5	59.2	54.7	63.6	59.9	55.5	63.7	60.6	56.2
	S.C.	42.2	40.8	39.1	43.5	42.1	40.3	44.7	43.4	41.5
	K.W	3.18	3.16	3.12	3.19	3.17	3.13	3.20	3.17	3.14
85	T.C.	61.3	57.2	52.3	61.5	57.7	53.1	61.8	58.2	53.9
	S.C.	41.7	40.2	37.9	42.9	41.4	39.1	44.2	42.7	40.3
	K.W	3.59	3.56	3.51	3.60	3.57	3.53	3.61	3.57	3.54
95	T.C.	59.1	55.2	49.8	59.5	55.5	50.7	59.8	55.8	51.6
	S.C.	41.1	39.6	36.8	42.4	40.8	37.9	43.8	42.0	39.1
	K.W	4.00	3.97	3.91	4.00	3.97	3.92	4.01	3.97	3.93
105	T.C.	55.9	52.1	47.6	56.5	52.5	48.0	57.1	52.9	48.4
	S.C.	40.0	38.3	35.7	41.4	39.6	37.1	42.8	40.8	38.4
	K.W	4.51	4.47	4.43	4.52	4.48	4.44	4.53	4.48	4.45
115	T.C.	52.8	49.0	45.3	53.5	49.5	45.2	54.3	50.0	45.2
	S.C.	38.9	37.0	34.6	40.4	38.3	36.2	41.8	39.7	37.7
	K.W	5.01	4.98	4.95	5.03	4.99	4.96	5.05	5.00	4.96
125	T.C.	49.6	45.9	43.0	50.6	46.5	42.5	51.5	47.0	42.0
	S.C.	37.8	35.7	33.5	39.3	37.1	35.3	40.9	38.5	37.1
	K.W	5.52	5.48	5.46	5.54	5.50	5.47	5.56	5.51	5.48
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.										

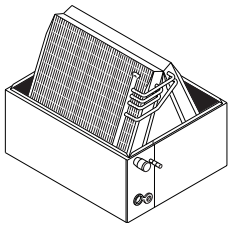
Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	T.C.	S.C.	KW
N1AHD2006	G2FD060S24	1.00	1.00	1.00
N1AHD2006	G2FD061H24	1.02	1.05	1.01
N1VSD20	G2FD060S24	1.01	1.00	0.98
N1VSD20	G2FD061H24	1.02	1.05	0.96
F2FP060		0.99	1.01	1.03
F2FV060		1.07	1.05	1.05
	G1FA060S21,24	1.00	1.00	1.00
	G1HD060	0.98	0.98	0.99
	G1NA060S24T	0.99	0.97	0.99
	G1UA060S21,24	1.00	1.00	1.00
	G2FD060S24	1.00	1.00	1.00
	G2FD061H24	1.02	1.05	1.01

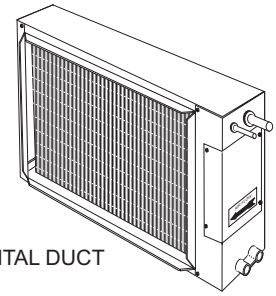
Variable Speed Furnace	Coil	T.C.	S.C.	KW
P1DUC20V	G1FA060S21	1.00	1.00	0.99
P1DUC20V	G1UA060S21	1.00	1.00	0.99
P1XDD20V	G2FD060S24	0.98	1.05	0.97

MATCHING INDOOR COMPONENTS

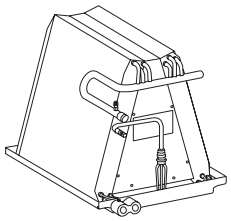
ADD-ON COILS - FOR FURNACE APPLICATIONS



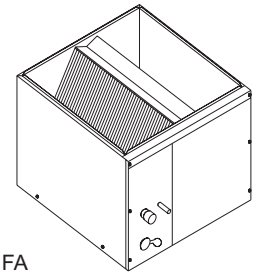
G1UA
1/2 CASED
UPFLOW



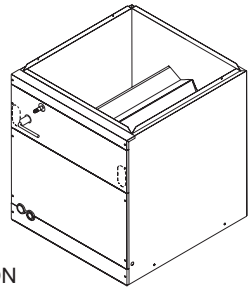
G1HD
HORIZONTAL DUCT



G1NA
UNCASED
UPFLOW



G1FA
FULL CASED
UPFLOW

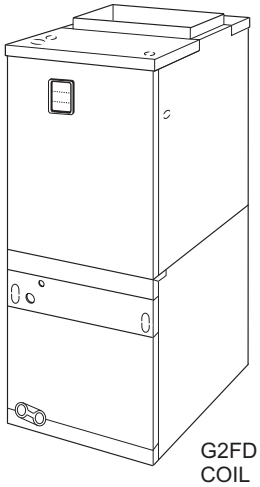


G2FD*
MULTI-POSITION
(UPFLOW, HORIZONTAL
AND DOWNFLOW)

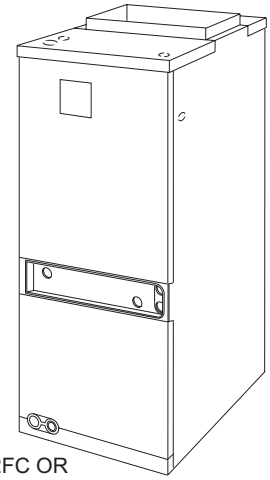
* Available with factory installed horizontal drain pan.

AIR HANDLERS - FOR NON-FURNACE APPLICATIONS

N1AH OR N1VS
MODULAR BLOWER
(UPFLOW, HORIZONTAL
AND DOWNFLOW)



G2FD
COIL



F2RC / F2FC OR
F2RC / F2FP / F2FV
FAN COIL UNITS
(UPFLOW, HORIZONTAL)

NOTES

036-21315-001 Rev. A (0502)
Supersedes: 550.50-TG1Y (600)

Unitary Product Group

5005 York Drive

Norman OK 73069