YORK®
Heating and Air Conditioning

TECHNICAL GUIDE

AFFINITY
R-22 SPLIT-SYSTEM HEAT PUMPS
12 SEER
MODELS:
YMA024 THRU 060
(2 THRU 5 NOMINAL TONS)

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

c UL us LISTED

Good Housekeeping Promises — Limited Warranty to Consumers — Replacement or Refund if Defective

ISO 9000 Registration

ISO 9001
Certified Quality
Management System

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.ariprimenet.org.

DESCRIPTION

The YMA Series unit is the outdoor part of a versatile heat pump system. It is designed to be custom matched with one of our complete line of evaporator sections, each designed to serve a specific function. Matching air handlers are available for upflow, downflow, and horizontal left or right application to provide a complete system. Electric heaters are available if required. Add-on coils are available for use with upflow, downflow, or horizontal furnaces. Field installed accessories are available as needed.

WARRANTY

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

FEATURES

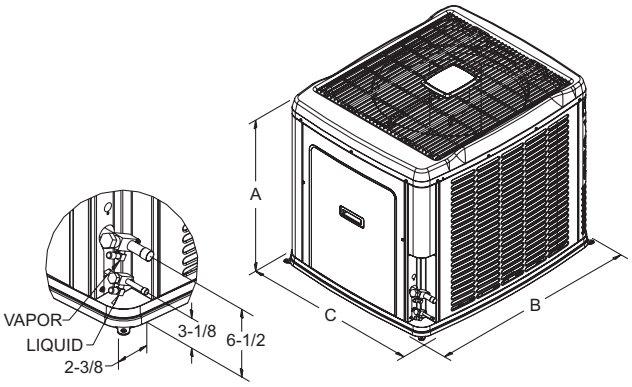
- **Superior Coil Protection –** A stamped decorative metal coil guard completely protects coil from debris and other large damaging material while a polymer mesh further protects the coil against smaller particles.
- **Color Grilles -** Engineered around the needs and wants of the consumer, Affinity units are now available with a choice of color options designed to compliment any home.
- **Protected Compressors –** Each compressor is protected against abnormal pressures by an internal pressure relief valve and factory installed high pressure controls. Additional protection against moisture and debris is provided by factory installed liquid line filter driers.
- **Durable Finish –** Automotive quality finish provides the ultimate protection from harmful U.V. rays and rust creep ensuring long-lasting, high quality appearance. A powder-paint topcoat is applied over a baked-on primer, using a galvanized, zinc coated steel base material. The result is a finish that has been proven in testing to provide 33% greater durability than conventional powder-coat finishes.
- **Lower Installed Cost –** Designed to provide enhanced installability by featuring a slide-down control compartment and angled service valves to reduce overall installation time and cost.
- **Low Operating Sound Levels –** Unit discharges upward to reduce sound transmission. An integrated fan venturi reduces fan sound levels even further. An isolator-mounted compressor covered by a sound-deadening blanket which is mounted to a composite polymer base pan insures unwanted compressor noises are not introduced into the environment.
- **Filter-Drier** – A factory installed, solid core liquid line filter-drier filters harmful debris and moisture from the system.
- **Easy Service Access –** A full end, full service, access panel with handle makes for easy entry to internal components.
- **Long Lasting Operation –** Strong and durable composite base pan provides added strength while resisting rust and corrosion as well as reducing sound and vibration.
- **Complete System Control –** These heat pumps utilize the unique microprocessor defrost control system to provide optimal comfort and to monitor the overall system for reliable operation. The defrost control system continuously monitors the space environment to maintain optimum efficiency. It initiates defrost only when necessary to further reduce heating costs and improve reliability. In the event improper operating conditions occur, the control will automatically shut the system down to extend the life of the heat pump. Rapid cycling is prevented by use of an internal anti-recycle timer.
- **Composite Base -** Strong and durable composite base pan resists rust and corrosion while it helps reduce vibrations and noise.
- **Low RPM fan motor -** Helps to reduce airflow noise.

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

Physical and Electrical Data

MODEL		YMA02411	YMA03011	YMA03611	YMA04211	YMA04811	YMA06011
Unit Supply Voltage		208-230V, 1ϕ, 60Hz					
Normal Voltage Range [1]		187 to 252					
Minimum Circuit Ampacity		14.3	18.1	21.9	32.6	34.7	39.0
Max. Overcurrent Device Amps [2]		25	30	35	50	60	60
Compressor Type		Recip	Recip	Recip	Scroll	Scroll	Scroll
Compressor Amps	Rated Load	11.1	13.3	16.4	24.9	26.6	30
	Locked Rotor	60	68	78	115	150	150
Crankcase Heater		Yes	Yes	Yes	No	No	No
Fan Motor Amps	Rated Load	0.5	1.5	1.5	1.5	1.5	1.5
Fan Diameter Inches		22	22	22	22	22	22
Fan Motor	Rated HP	1/15	1/4	1/4	1/4	1/4	1/4
	Nominal RPM	850	850	850	850	850	850
	Nominal CFM	2,300	3,500	3,500	3,850	3,500	3,300
Coil	Face Area (Sq. Ft.)	14.86	17.15	20.58	20.58	20.58	20.58
	Rows Deep	1	1	1	1	1	2
	Fins / Inch	22	22	22	22	22	22
Liquid Line Set OD (Field Installed)		3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line Set OD (Field Installed)		3/4	3/4	7/8	7/8	7/8	1-1/8
Unit Charge (Lbs. - Oz.) [3]		7 - 2	7 - 12	8 - 6	8 - 12	9 - 1	14 - 2
Charge Per Foot (Oz.)		0.68	0.68	0.70	0.70	0.70	0.78
Operating Weight (Lbs.)		175	220	225	225	245	285

1 Rated in accordance with ARI Standard 110, utilization range “A”.
2 Dual element fuses or HACR circuit breaker.
3 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.

DIMENSIONS

Unit Model	Dimensions (Inches)			Refrigerant Connection Service Valve Size	
	A	B	C	Liquid	Vapor
024	29-1/2	37	31	3/8”	3/4”
030	33-1/2	37	31		
036	39-1/2	37	31		7/8”
042	39-1/2	37	31		
048	39-1/2	37	31		
060	39-1/2	37	31		7/8” *

* Expander fitting required for 1-1/8” line set.

Additional R-22 Charge / TXV Size for Various Matched Systems

Outdoor Unit		YMA02411	YMA03011	YMA03611	YMA04211	YMA04811	YMA06011
Unit Orifice (s)		63	69	78	87	-	96
Approved System Thermal Expansion Valve[1,2]		1TV0701	1TV0701	1TV0702	1TV0702	1TV0703	-
Factory R-22 Charge, lbs-oz		7 - 2	7 - 12	8 - 6	8 - 12	9 - 1	14 - 2
Indoor Coil[3]	Coil Orifice [4]	Orifice - Additional Charge, Oz					
G2FD030(S,H)17	65	63/(701) + 2	69/(701) + 0		-	-	-
G2FD035(S,H)14	65	63/(701) + 2	69/(701) + 0		-	-	-
G2FD036(S,H)17	65	-	-	78/(702) + 3	-	-	-
G2FD036(S,H)21	75	-	-	78/(702) + 5	-	-	-
G2FD048(S,H)21,24	84	-	-	-	87/(702) + 3	-	-
G2FD060(S,H)24	90	-	-	-	-	703 + 6	96 + 6
G2FD061H24	90	-	-	-	-	703 + 12	96 + 12
G1HA036H14	75	63/(701) + 8	69/(701) + 6	78/(702) + 5	-	-	-
G1HA036H17	78	63/(701) +12	69/(701) + 9	78/(702) + 8	-	-	-
G1HA048H21	84	-	-	-	87/(702) + 4	-	-
G1HA060H24	90	-	-	-	-	703 + 6	96 + 6
G1HD036	69	63/(701) + 8	69/(701) + 5	78/(702) + 5	-	-	-
G1HD048	81	-	-	-	87/(702) + 0	-	-
G1HD060	93	-	-	-	-	703 + 0	96 + 0
G1NA036S17J	67	63/(701) + 4	69/(701) + 2	78/(702) + 1	-	-	-
G1NA036S21C	67	63/(701) + 4	69/(701) + 2	78/(702) + 1	-	-	-
G1NA060S24T	87	-	-	-	87/(702) + 8	703 + 1	96 + 0
G1FA/G1UA036S14	73	63/(701) + 4	69/(701) + 2	78/(702) + 1	-	-	-
G1FA/G1UA036S17,21	73	63/(701) + 2	69/(701) + 0	78/(702) + 0	-	-	-
G1FA/G1UA048S21	84	-	-	-	87/(702) + 5	-	-
G1FA/G1UA060S21,24	90	-	-	-	-	703 + 6	96 + 6
F2RC/F2FC036	75	63/(701) + 2	69/(701) + 0	-	-	-	-
F2RP024	61	63/(701) + 0	-	-	-	-	-
F2RP/F2FP030	65	63/(701) + 2	69/(701) + 0	-	-	-	-
F2RP/F2FP036	75	-	-	78/(702) + 5	-	-	-
F2FP040	63	-	-	78/(702) + 8	-	-	-
F2RP/F2FP042	78	-	-	78/(702) + 8	-	-	-
F2FP045	78	-	-	-	-	703 + 6	-
F2FP048	84	-	-	-	87/(702) + 7	-	-
F2FP060	90	-	-	-	-	703 + 6	96 + 6
F2FV060	90	-	-	-	-	703 + 6	96 + 6
Indoor Coil with factory installed TXV[2,4]	Factory installed coil orifice[3]	Additional Charge, Oz.					
G2FD030(S,H)17T	-	2	0		-	-	-
G2FD035(S,H)14T	-	2	0		-	-	-
G2FD036(S,H)17T	-	-	-	3	-	-	-
G2FD036(S,H)21T	-	-	-	5	-	-	-
G2FD060(S,H)24T	-	-	-	-	-	6	-
G1HA036H14T	-	-	-	5	-	-	-
G1HA036H17T	-	-	-	8	-	-	-
G1HA060H24T	-	-	-	-	-	6	-
G1FA/G1UA036S14T	-	-	-	1	-	-	-
G1FA/G1UA036S17,21T	-	-	-	0	-	-	-
G1FA/G1UA060S21,24T	-	-	-	-	-	6	-
F3RP024	-	0	-	-	-	-	-
F3RP030	-	2	0	-	-	-	-
F3RP036	-	-	-	5	-	-	-
F3RP042	-	-	-	8	-	-	-
F3FP040	-	-	-	8	-	-	-
F3FP060	-	-	-	-	-	6	-
F3FV060	-	-	-	-	-	6	-

FOOTNOTES:

1 Only the TXV kits listed above are approved for use in these systems. The charge adder is the same as that listed for the orifice.
2 Models with reciprocating compressors require start kits when matched to TXV indoor coils.
3 Systems matched with furnaces or air handlers not equipped with blower-off delays may require blower Time Delay Kit 2FD06700224.
4 These orifices or TXVs are factory mounted in the flow device of each indoor coil (701, 702, 703 indicates 1TV07…series). A “T” suffix indicates a coil or air handler with a factory mounted TXV.

PROCEDURES:

1. Unit factory charge listed on the unit nameplate includes refrigerant for the condenser, the smallest evaporator and 15 feet of inter-connecting line tubing.
2. Verify the TXV 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 on the previous page.
4. Permanently mark the unit nameplate with the total system charge. Total System Charge = Base Charge (as shipped) + adder for evaporator + adder for line set.

COOLING CAPACITY - With Air Handler Coils

UNIT MODEL	AIR HANDLER			COIL[1] MODEL	COOLING					
	MODEL	ELECTRIC[2] HEAT KW	W		RATED CFM	TOTAL CAPACITY	SENSIBLE CAPACITY	SEER W/O TXV	SEER W/ TXV	EER
1 PH 12 SEER HP WITH N1AH / G2FD										
YMA02411	N1AHB08	2,5,8,10	17	G2FD030(S,H)17(T)	800	24.0	18.8	12.00	12.00	10.90
	N1AHB12	2,5,8,10	17	G2FD030(S,H)17(T)	800	24.0	18.8	12.00	12.00	10.90
YMA03011	N1AHB08	2,5,8,10	17	G2FD030(S,H)17(T)	1000	30.0	23.0	12.00	12.00	11.10
	N1AHB12	2,5,8,10	17	G2FD030(S,H)17(T)	1000	30.0	23.0	12.00	12.00	11.10
	N1AHB08	2,5,8,10	17	G2FD036(S,H)17(T)	1200	35.2	27.2	12.00	12.00	11.05
YMA03611	N1AHB12	2,5,8,10	17	G2FD036(S,H)17(T)	1200	35.2	27.2	12.00	12.00	11.05
	N1AHC16	5,8,10,15,20	21	G2FD036(S,H)21(T)	1200	35.6	28.0	12.00	12.00	11.30
YMA04211	N1AHC16	5,8,10,15,20	21	G2FD048(S,H)21(T)	1400	42.0	32.8	12.00	12.00	10.70
	N1AHD20	8,10,15,20,25,30	24	G2FD048(S,H)24(T)	1400	42.0	32.8	12.00	12.00	10.70
YMA04811	N1AHD20	8,10,15,20,25,30	24	G2FD060(S,H)24(T)	1600	46.0	35.6	-	12.00	10.20
	N1AHD20	8,10,15,20,25,30	24	G2FD061H24	1600	46.0	36.0	-	12.00	10.25
YMA06011	N1AHD20	8,10,15,20,25,30	24	G2FD060(S,H)24(T)	1800	54.0	42.2	11.70	-	10.50
	N1AHD20	8,10,15,20,25,30	24	G2FD061H24	1800	54.5	42.4	12.00	-	10.55
1 PH 12 SEER HP / N1VS - VARIABLE SPEED										
YMA02411	N1VSB12	2,5,8,10	17	G2FD030(S,H)17(T)	775	24.2	18.5	13.00	13.00	11.95
YMA03011	N1VSB12	2,5,8,10	17	G2FD030(S,H)17(T)	1000	30.2	22.8	13.00	13.00	11.95
YMA03611	N1VSB12	2,5,8,10	17	G2FD036(S,H)17(T)	1200	35.4	26.8	12.50	12.50	11.65
	N1VSC16	5,8,10,15,20	21	G2FD036(S,H)21(T)	1200	36.0	27.6	13.00	13.00	12.20
YMA04211	N1VSC16	5,8,10,15,20	21	G2FD048(S,H)21(T)	1380	42.5	32.4	13.00	13.00	11.45
	N1VSD20	8,10,15,20,25,30	24	G2FD048(S,H)24(T)	1350	42.5	32.0	13.00	13.00	11.40
YMA04811	N1VSD20	8,10,15,20,25,30	24	G2FD060(S,H)24(T)	1600	46.0	35.0	-	12.50	10.65
	N1VSD20	8,10,15,20,25,30	24	G2FD061H24	1600	46.5	35.4	-	12.50	10.70
YMA06011	N1VSD20	8,10,15,20,25,30	24	G2FD060(S,H)24	1780	53.5	40.6	12.00	-	10.65
	N1VSD20	8,10,15,20,25,3	24	G2FD061H24	1780	54.5	41.4	12.10	-	10.85
1 PH 12 SEER HP / F2RP / RC / FP / FC / FV[3,4]										
YMA02411	F2RC/F2FC036	5,8,10,15	18	-	800	24.0	18.8	12.00	12.00	10.90
	F2RP/F2FP/F3FP024	5,8,10,15	18	-	800	23.6	18.6	12.00	12.00	10.90
	F2RP/F2FP/F3FP030	5,8,10,15	18	-	800	24.0	18.8	12.00	12.00	10.90
YMA03011	F2RC/F2FC036	5,8,10,15	21	-	1000	29.6	22.2	12.00	12.00	11.05
	F2RP/F2FP/F3FP030	5,8,10,15	21	-	1000	29.6	22.2	12.00	12.00	11.05
	F2FP/F3FP040	5,8,10,15	21	-	1200	36.0	27.2	12.00	12.00	11.30
YMA03611	F2RP/F2FP/F3FP036	5,8,10,15	21	-	1200	35.8	27.0	12.00	12.00	11.20
	F2RP/F2FP/F3FP042	5,8,10,15	21	-	1200	36.0	27.2	12.00	12.00	11.30
YMA04211	F2FP048	5,8,10,15,20,25	24	-	1400	41.5	31.8	12.00	12.00	10.55
	F2FP/F3FP060	8,10,15,20,25	24	-	1600	45.5	34.2	-	11.50	10.00
YMA04811	F2FP045	5,8,10,15	24	-	1600	45.5	34.5	-	12.00	10.20
YMA06011	F2FP060	8,10,15,20,25	24	-	1800	53.0	40.4	11.25	-	10.25
	F2FV060	8,10,15,20,25	24	-	1780	54.0	40.8	12.00	-	10.75

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 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 To meet R=4.2 insulation requirements, substitute F2FP for F2RP, and F2FC for F2RC. models. All ratings remain the same.
4 FG8, FG9, and FL8 furnaces and F2RP / F2RC air handlers have B.O.D. standard.
** Refer to Quick Selection Chart for specific furnace match-up.

COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils

UNIT MODEL	FURNACE**		COIL MODEL	COOLING					
	CFM RANGE (MIN.-MAX.)	W		RATED CFM	TOTAL CAPACITY	SENSIBLE CAPACITY	SEER W/O TXV + TDR[1,2]	SEER W/TXV + TDR	EER
YMA02411	600 1000	14	G1FA036S14	800	24.2	19.1	12.00	12.00	11.00
		17,21	G1FA036S17,21	800	24.0	18.8	12.00	12.00	10.90
		17	G2FD030(S,H)17(T)	800	24.0	18.8	12.00	12.00	10.90
		14	G2FD035(S,H)14(T)	800	24.0	18.8	12.00	12.00	10.90
		17	G1NA036S17J	800	24.2	18.8	12.00	12.00	11.00
		21	G1NA036S21C	800	24.2	18.8	12.00	12.00	11.00
		-	G1HD036	800	24.4	19.3	12.00	12.00	11.10
		14	G1HA036H14	760	24.6	18.8	12.00	12.00	11.20
		17	G1HA036H17	760	24.6	18.9	12.00	12.00	11.25
YMA03011	800 1200	17,21	G1FA036S14	1000	30.2	23.1	12.00	12.00	11.20
		17,21	G1FA036S17,21	1000	30.0	23.0	12.00	12.00	11.10
		17	G2FD030(S,H)17(T)	1000	30.0	23.0	12.00	12.00	11.10
		14	G2FD035(S,H)14(T)	1000	30.0	23.0	12.00	12.00	11.10
		17	G1NA036S17J	1000	30.4	23.0	12.00	12.00	11.25
		21	G1NA036S21C	1000	30.4	23.0	12.00	12.00	11.25
		-	G1HD036	1000	30.6	23.4	12.00	12.00	11.30
		14	G1HA036H14	950	30.8	23.0	12.00	12.00	11.45
		17	G1HA036H17	950	31.0	23.2	12.00	12.00	11.45
YMA03611	1000 1400	14	G1FA036S14(T)	1200	34.8	27.0	12.00	12.00	10.95
		17,21	G1FA036S17,21(T)	1200	34.6	27.0	12.00	12.00	10.95
		17	G2FD036(S,H)17(T)	1200	35.2	27.2	12.00	12.00	11.05
		21	G2FD036(S,H)21(T)	1200	35.6	28.0	12.00	12.00	11.30
		17	G1NA036S17J	1200	35.2	26.6	12.00	12.00	11.05
		21	G1NA036S21C	1200	35.2	26.6	12.00	12.00	11.05
		-	G1HD036	1200	35.4	27.4	12.00	12.00	11.10
		14	G1HA036H14(T)	1140	35.6	27.2	12.00	12.00	11.30
		17	G1HA036H17(T)	1140	35.8	27.4	12.00	12.00	11.40
YMA04211	1200 1600	21	G1FA048S21	1400	42.0	32.6	12.00	12.00	10.65
		21,24	G2FD048(S,H)21,24	1400	42.0	32.8	12.00	12.00	10.70
		24	G1NA060S24T	1400	42.5	33.0	12.00	12.00	10.90
		-	G1HD048	1400	41.5	32.4	12.00	12.00	10.60
		21	G1HA048H21	1330	41.5	31.6	12.00	12.00	10.60
YMA04811	1400 1800	21,24	G1FA060S21,24(T)	1600	46.0	35.6	-	12.00	10.20
		24	G2FD060(S,H)24(T)	1600	46.0	35.6	-	12.00	10.20
		24	G2FD061H24	1600	46.0	36.0	-	12.00	10.25
		24	G1NA060S24T	1600	45.5	34.8	-	11.75	10.10
		-	G1HD060	1600	45.0	35.0	-	11.75	10.10
		24	G1HA60H24(T)	1520	45.5	34.8	-	12.00	10.20
YMA06011	1600 2000	21,24	G1FA060S21,24	1800	54.0	42.2	11.70	-	10.50
		24	G2FD060(S,H)24	1800	54.0	42.2	11.70	-	10.50
		24	G2FD061H24	1800	54.5	42.4	12.00	-	10.55
		24	G1NA060S24T	1800	53.0	40.6	11.50	-	10.40
		-	G1HD060	1800	53.0	41.1	11.50	-	10.35
		24	G1HA60S24	1710	53.5	40.9	11.70	-	10.50

1 Requires a 2FD Blower Time Delay unless a standard furnace is equipped with one.
2 TXV = Use 1TV0700 series kit.
** 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	TOTAL CAPACITY	SENSIBLE CAPACITY	SEER W/O TXV +TDR	SEER/ W/TXV +TDR[2]	EER
1 PH 12 SEER HP / P1DU / P1XD / P1XU - VARIABLE SPEED [3]									
	P*DUA12V	G1FA036S14	14	750	24.4	18.5	13.00	13.00	11.95
	P*DUA12V	G2FD035(S,H)14(T)	14	750	24.2	18.5	13.00	13.00	11.90
	P*DUB16V	G1FA036S17	17	795	24.4	19.0	13.00	13.00	11.95
	P*DUB16V	G2FD030(S,H)17(T)	17	795	24.4	19.0	13.00	13.00	11.95
	P*DUC20V	G1FA036S21	21	800	24.4	19.0	13.00	13.00	11.95
YMA02411	P1XUB12V	G1FA036S17	17	800	24.4	19.0	13.00	13.00	11.90
	P1XUB12V	G2FD030(S,H)17(T)	17	800	24.4	19.0	13.00	13.00	11.90
	P1XUC16V	G1FA036S21	21	770	24.2	18.6	13.00	13.00	11.95
	P1XUC20V	G1FA036S21	21	790	24.4	18.9	13.00	13.00	12.05
	P1XDB12V	G2FD030(S,H)17(T)	17	815	24.4	19.2	13.00	13.00	11.95
	P1XDB12V	G1HA036H17	17	760	24.6	18.9	13.00	13.00	11.95
	P*DUB16V	G1FA036S17	17	1050	30.6	23.8	13.00	13.00	12.10
	P*DUA12V	G1FA036S14	14	975	30.2	22.8	13.00	13.00	11.85
	P*DUB16V	G1FA036S17	17	1050	30.6	23.8	13.00	13.00	12.10
	P*DUB16V	G2FD030(S,H)17(T)	17	1050	30.6	23.8	13.00	13.00	12.10
	P*DUC20V	G1FA036S21	21	1000	30.4	23.2	13.00	13.00	12.10
YMA03011	P1XUB12V	G1FA036S17	17	1020	30.4	23.4	13.00	13.00	11.80
	P1XUB12V	G2FD030(S,H)17(T)	17	1020	30.4	23.4	13.00	13.00	11.80
	P1XUC16V	G1FA036S21	21	1000	30.4	23.2	13.00	13.00	12.10
	P1XUC20V	G1FA036S21	21	990	30.4	23.0	13.00	13.00	12.05
	P1XDB12V	G2FD030(S,H)17(T)	17	1000	30.2	23.2	13.00	13.00	11.75
	P1XDB12V	G1HA036H17	17	950	31.0	23.2	13.00	13.00	11.50
	P*DUA12V	G1FA036S14(T)	14	1185	35.0	27.0	12.25	12.25	11.30
	P*DUB16V	G1FA036S17(T)	17	1200	35.0	27.2	12.50	12.50	11.65
	P*DUB16V	G2FD036(S,H)17(T)	17	1200	35.6	27.6	12.75	12.75	11.75
	P*DUC20V	G1FA036S21(T)	21	1200	35.2	27.2	12.50	12.50	11.75
	P*DUC20V	G2FD036(S,H)21(T)	21	1200	36.0	28.4	13.00	13.00	12.20
	P1XUB12V	G1FA036S17(T)	17	1200	35.0	27.0	12.25	12.25	11.40
	P1XUB12V	G2FD036(S,H)17(T)	17	1200	35.4	27.4	12.25	12.25	11.40
YMA03611	P1XUC16V	G1FA036S21(T)	21	1200	35.0	27.2	12.50	12.50	11.65
	P1XUC16V	G2FD036(S,H)21(T)	21	1200	36.0	28.2	13.00	13.00	12.05
	P1XUC20V	G1FA036S21(T)	21	1200	35.0	27.2	12.50	12.50	11.70
	P1XUC20V	G2FD036(S,H)21(T)	21	1200	36.0	28.4	13.00	13.00	12.15
	P1XDB12V	G2FD036(S,H)17(T)	17	1200	35.4	27.4	12.25	12.25	11.35
	P1XDB12V	G1HA036H17(T)	17	1140	36.0	27.4	12.50	12.50	11.40
	P1XDC20V	G2FD036(S,H)21(T)	21	1225	36.0	28.6	13.00	13.00	11.80
	P*DUC20V	G1FA048S21	21	1400	42.0	32.8	12.50	12.50	11.15
	P*DUC20V	G2FD048(S,H)21(T)	21	1400	42.5	33.2	12.50	12.50	11.25
	P1XUC16V	G1FA048S21	21	1400	42.0	32.8	12.50	12.50	11.10
	P1XUC16V	G2FD048(S,H)21(T)	21	1400	42.5	33.2	12.50	12.50	11.25
	P1XUC20V	G1FA048S21	21	1410	42.0	32.8	12.25	12.25	11.05
YMA04211	P1XUC20V	G2FD048(S,H)21(T)	21	1410	42.5	33.4	12.50	12.50	11.20
	P1XDD20V	G2FD048(S,H)24(T)	24	1430	42.5	33.4	12.25	12.25	11.00
	P1XDC20V	G2FD048(S,H)21(T)	21	1425	42.5	33.2	12.25	12.25	10.80
	P1XDC20V	G1HA048H21	21	1330	41.5	31.6	12.25	12.25	10.70
	P1XDD20V	G2FD048(S,H)24(T)	24	1420	42.5	33.2	12.50	12.50	11.05

For notes see Page 7.

COOLING CAPACITY - With Variable Speed Furnaces (Continued)

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL[4]	W	COOLING					
				RATED CFM	TOTAL CAPACITY	SENSIBLE CAPACITY	SEER W/O TXV +TDR	SEER/ W/TXV +TDR[5]	EER
1 PH 12 SEER HP / P1DU / P1XD / P1XU - VARIABLE SPEED [6]									
	P*DUC20V	G1FA060S21(T)	21	1610	46.0	35.8	-	12.10	10.40
	P*DUC20V	G2FD060(S,H)24(T)	24	1610	46.0	35.8	-	12.10	10.40
	P*DUC20V	G2FD061H24	24	1500	46.0	36.2	-	12.50	10.65
	P1XUC16V	G1FA060S21(T)	21	1600	46.0	35.6	-	12.05	10.20
	P1XUC16V	G2FD060(S,H)24(T)	24	1600	46.0	35.6	-	12.05	10.20
	P1XUC16V	G2FD061H24	24	1600	46.0	36.0	-	12.10	10.30
	P1XUC20V	G1FA060S21(T)	21	1590	46.0	35.6	-	12.10	10.35
	P1XUC20V	G2FD060(S,H)24(T)	24	1590	46.0	35.6	-	12.10	10.35
YMA04811	P1XUC20V	G2FD061H24	24	1450	46.0	36.0	-	12.50	10.65
	P1XUD20V	G1FA060S24(T)	24	1620	46.0	35.8	-	12.10	10.35
	P1XUD20V	G2FD060(S,H)24(T)	24	1620	46.0	35.8	-	12.10	10.35
	P1XUD20V	G2FD061H24	24	1500	46.0	36.4	-	12.50	10.70
	P1XDC20V	G2FD060(S,H)24(T)	24	1575	45.5	35.4	-	12.05	10.25
	P1XDC20V	G1HA60H24(T)	24	1450	45.5	34.8	-	12.10	10.35
	P1XDD20V	G2FD060(S,H)24(T)	24	1610	46.0	35.8	-	12.10	10.30
	P1XDD20V	G2FD061H24	24	1610	46.5	36.2	-	12.10	10.40
	P1XDD20V	G1HA60H24(T)	24	1520	45.5	34.8	-	12.10	10.40
	P*DUC20V	G1FA060S21	21	1730	53.5	41.2	12.00	-	10.60
	P*DUC20V	G2FD060(S,H)24	24	1730	53.5	41.2	12.00	-	10.60
	P*DUC20V	G2FD061H24	24	1730	54.0	41.9	12.00	-	10.70
	P1XUC16V	G1FA060S21	21	1600	53.5	40.0	12.00	-	10.60
	P1XUC16V	G2FD060(S,H)24	24	1600	53.5	40.0	12.00	-	10.60
	P1XUC16V	G2FD061H24	24	1600	53.5	40.3	12.00	-	10.65
	P1XUC20V	G1FA060S21	21	1640	53.5	40.1	12.00	-	10.60
	P1XUC20V	G2FD060(S,H)24	24	1640	53.5	40.1	12.00	-	10.60
YMA06011	P1XUC20V	G2FD061H24	24	1640	54.0	40.8	12.00	-	10.70
	P1XUD20V	G1FA060S24	24	1620	53.5	40.0	12.00	-	10.60
	P1XUD20V	G2FD060(S,H)24	24	1620	53.5	40.0	12.00	-	10.60
	P1XUD20V	G2FD061H24	24	1620	54.0	40.6	12.00	-	10.85
	P1XDC20V	G2FD060(S,H)24	24	1575	53.5	39.7	12.00	-	10.60
	P1XDC20V	G1HA60H24	24	1520	53.0	39.1	12.00	-	10.70
	P1XDD20V	G2FD060(S,H)24	24	1610	53.5	39.8	12.00	-	10.65
	P1XDD20V	G2FD061H24	24	1610	54.0	40.4	12.00	-	10.75
	P1XDD20V	G1HA60H24	24	1520	53.0	39.1	12.00	-	10.70

1 G2FD coils available with a factory installed horizontal drain pan. See price pages for specific model number.
2 TXV = Use 1TV0700 Series Kit.
3 Variable speed furnaces have B.O.D (Blower on Delay) standard.
4 G2FD coils available with a factory installed horizontal drain pan. See price pages for specific model number.
5 TXV = Use 1TV0700 Series Kit.
6 Variable speed furnaces have B.O.D (Blower on Delay) standard.

HEATING PERFORMANCE - With Air Handler

UNIT MODEL*	AIR HANDLER	COIL[1] MODEL	ARI HEATING[2]							OUTDOOR TEMP[3]									
			47			17.00			HSPF	-3		7		27		37		57	
			MBH	COP	KW	MBH	COP	KW	STD	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW
1 PH 12 SEER HP WITH N1AH/G2FD																			
YMA02411	N1AHB08	G2FD030(S,H)17(T)	24.0	3.46	2.03	13.8	2.44	1.66	8.00	7.0	1.41	10.4	1.53	15.9	1.73	17.9	1.79	27.4	2.16
	N1AHB12	G2FD030(S,H)17(T)	24.0	3.46	2.03	13.8	2.44	1.66	8.00	7.0	1.41	10.4	1.53	15.9	1.73	17.9	1.79	27.4	2.16
YMA03011	N1AHB08	G2FD030(S,H)17(T)	30.0	3.28	2.68	17.8	2.44	2.14	8.00	9.8	1.80	13.9	1.97	20.4	2.27	22.9	2.38	34.0	2.86
	N1AHB12	G2FD030(S,H)17(T)	30.0	3.28	2.68	17.8	2.44	2.14	8.00	9.8	1.80	13.9	1.97	20.4	2.27	22.9	2.38	34.0	2.86
	N1AHB08	G2FD036(S,H)17(T)	35.2	3.54	2.91	21.0	2.54	2.42	8.00	11.5	2.10	16.3	2.26	23.2	2.52	25.4	2.62	39.9	3.08
YMA03611	N1AHB12	G2FD036(S,H)17(T)	35.2	3.54	2.91	21.0	2.54	2.42	8.00	11.5	2.10	16.3	2.26	23.2	2.52	25.4	2.62	39.9	3.08
	N1AHC16	G2FD036(S,H)21(T)	35.2	3.54	2.91	21.0	2.54	2.42	8.00	11.5	2.10	16.3	2.26	23.2	2.52	25.4	2.62	39.9	3.08
YMA04211	N1AHC16	G2FD048(S,H)21(T)	42.0	3.50	3.52	28.2	2.50	3.31	8.00	18.7	3.14	23.5	3.22	29.3	3.26	30.5	3.22	47.2	3.63
	N1AHD20	G2FD048(S,H)24(T)	42.0	3.50	3.52	28.2	2.50	3.31	8.00	18.7	3.14	23.5	3.22	29.3	3.26	30.5	3.22	47.2	3.63
YMA04811	N1AHD20	G2FD060(S,H)24(T)	48.0	3.66	3.84	31.0	2.52	3.60	8.00	19.7	3.44	25.3	3.52	33.6	3.59	36.1	3.57	53.7	3.94
	N1AHD20	G2FD061H24	48.0	3.66	3.84	31.0	2.52	3.60	8.00	19.7	3.45	25.4	3.53	33.7	3.60	36.3	3.58	53.9	3.95
YMA06011	N1AHD20	G2FD060(S,H)24(T)	59.0	3.72	4.65	36.2	2.58	4.11	8.00	21.0	3.75	28.6	3.93	38.9	4.14	41.5	4.18	66.6	4.83
	N1AHD20	G2FD061H24	59.0	3.72	4.65	36.2	2.58	4.11	8.00	21.0	3.75	28.6	3.93	38.9	4.14	41.5	4.18	66.6	4.83
1 PH 12 SEER WITH N1VS - VARIABLE SPEED																			
YMA02411	N1VSB12	G2FD030(S,H)17(T)	23.4	3.70	1.85	13.3	2.64	1.48	8.50	6.5	1.23	9.9	1.36	15.4	1.55	17.4	1.62	26.9	1.98
YMA03011	N1VSB12	G2FD030(S,H)17(T)	29.4	3.46	2.49	17.5	2.60	1.97	8.50	9.6	1.63	13.6	1.81	20.1	2.10	22.6	2.22	33.5	2.67
YMA03611	N1VSB12	G2FD036(S,H)17(T)	34.8	3.70	2.76	20.6	2.68	2.25	8.50	11.3	1.95	16.1	2.12	23.0	2.38	25.2	2.48	39.7	2.94
	N1VSC16	G2FD036(S,H)21(T)	34.8	3.76	2.71	20.6	2.72	2.22	8.50	11.2	1.90	15.9	2.06	22.9	2.32	25.1	2.42	39.6	2.88
YMA04211	N1VSC16	G2FD048(S,H)21(T)	41.0	3.64	3.30	27.2	2.60	3.07	8.50	17.9	2.92	22.6	3.00	28.4	3.04	29.5	3.00	45.9	3.39
	N1VSD20	G2FD048(S,H)24(T)	41.0	3.68	3.26	27.4	2.62	3.06	8.50	18.1	2.91	22.8	2.99	28.5	3.03	29.7	2.99	46.1	3.38
YMA04811	N1VSD20	G2FD060(S,H)24(T)	47.0	3.82	3.60	30.2	2.60	3.40	8.50	19.0	3.27	24.6	3.37	32.8	3.38	35.3	3.35	52.6	3.67
	N1VSD20	G2FD061H24	47.5	3.80	3.70	30.8	2.64	3.42	8.50	19.5	3.27	25.2	3.36	33.5	3.42	36.0	3.41	53.7	3.78
YMA06011	N1VSD20	G2FD060(S,H)24	58.5	3.74	4.58	35.6	2.60	4.01	8.00	20.3	3.63	28.0	3.82	38.3	4.06	41.0	4.10	66.1	4.77
	N1VSD20	G2FD061H24	58.5	3.74	4.58	35.6	2.60	4.01	8.00	20.3	3.63	28.0	3.82	38.3	4.06	41.0	4.10	66.1	4.77
1 PH 12 SEER HP / F2RP / RC / FP / FC /FV																			
YMA02411	F2RC/F2FC036	-	24.0	3.46	2.03	13.8	2.44	1.66	8.00	7.0	1.41	10.4	1.53	15.9	1.73	17.9	1.79	27.4	2.16
	F2RP/F2FP/F3FP024	-	23.6	3.46	2.00	13.4	2.44	1.61	8.00	7.0	1.41	10.4	1.53	15.9	1.73	17.9	1.79	27.4	2.16
	F2RP/F2FP/F3FP030	-	24.0	3.46	2.03	13.8	2.44	1.66	8.00	7.0	1.41	10.4	1.53	15.9	1.73	17.9	1.79	27.4	2.16
YMA03011	F2RC/F2FC036	-	30.0	3.30	2.66	17.6	2.42	2.13	8.00	9.4	1.80	13.6	1.97	20.2	2.26	22.7	2.38	34.2	2.84
	F2RP/F2FP/F3FP030	-	30.0	3.32	2.65	17.6	2.42	2.13	8.00	9.4	1.80	13.6	1.97	20.2	2.26	22.7	2.38	34.2	2.83
YMA03611	F2FP/F3FP040	-	35.0	3.54	2.90	20.8	2.54	2.40	8.00	11.5	2.09	16.2	2.26	23.2	2.52	25.4	2.61	39.9	3.07
	F2RP/F2FP/F3FP036	-	34.8	3.52	2.90	20.6	2.50	2.41	8.00	11.2	2.09	15.9	2.26	22.9	2.52	25.1	2.61	39.6	3.07
	F2RP/F2FP/F3FP042	-	35.0	3.54	2.90	20.8	2.54	2.40	8.00	11.5	2.09	16.2	2.26	23.2	2.52	25.4	2.61	39.9	3.07
YMA04211	F2FP048	-	41.5	3.46	3.51	27.8	2.48	3.28	8.00	18.7	3.14	23.3	3.22	29.1	3.26	30.2	3.22	46.6	3.63
	F2FP/F3FP060	-	47.5	3.58	3.89	30.8	2.48	3.64	8.00	19.6	3.46	25.2	3.55	33.4	3.62	35.9	3.60	53.4	3.99
YMA04811	F2FP045	-	47.5	3.68	3.78	30.8	2.54	3.55	8.00	19.6	3.46	25.2	3.55	33.4	3.62	35.9	3.60	53.4	3.99
	F2FV060	-	47.0	3.82	3.60	30.2	2.60	3.40	8.50	19.0	3.27	24.6	3.37	32.8	3.38	35.3	3.35	52.6	3.67
YMA06011	F2FP060	-	59.0	3.72	4.65	36.2	2.58	4.11	8.00	21.0	3.75	28.6	3.93	38.9	4.14	41.5	4.18	66.6	4.83
	F2FV060	-	58.5	3.74	4.58	35.6	2.60	4.01	8.00	20.3	3.63	28.0	3.82	38.3	4.06	41.0	4.10	66.1	4.77

1 Rated CFM same as for cooling.
2 Heating MBH based on ARI standards of 70° DB entering indoor air, 72% RH outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.
3 Integrated heating capacities include the effect of defrost cycles in the temperature range where they occur.
COP equals MBH output divided by (total KW input x 3.412).
HSPF (Heating Seasonal Performance Factor) is the total heating output during a normal annual usage period for heating divided by the total electric power input during the same period.
— = Not Applicable.

HEATING PERFORMANCE - Furnace Coils

UNIT MODEL*	COIL[1] MODEL	ARI HEATING[2]							OUTDOOR TEMP[3]									
		47°F			17°F			HSPF	-3°F		7°F		27°F		37°F		57°F	
		MBH	COP	KW	MBH	COP	KW	STD	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW
YMA02411	G1FA036S14	24.0	3.50	2.01	13.8	2.46	1.64	8.00	7.1	1.41	10.5	1.53	16.0	1.72	18.0	1.79	27.5	2.15
	G1FA036S17,21	24.0	3.46	2.03	13.8	2.44	1.66	8.00	7.0	1.41	10.4	1.53	15.9	1.73	17.9	1.79	27.4	2.16
	G2FD030(S,H)17(T)	24.0	3.46	2.03	13.8	2.44	1.66	8.00	7.0	1.41	10.4	1.53	15.9	1.73	17.9	1.79	27.4	2.16
	G2FD035(S,H)14(T)	24.0	3.46	2.03	13.8	2.44	1.66	8.00	7.0	1.41	10.4	1.53	15.9	1.73	17.9	1.79	27.4	2.16
	G1NA036S17J	24.0	3.48	2.02	13.8	2.46	1.64	8.00	7.0	1.40	10.4	1.53	15.9	1.72	18.0	1.79	27.6	2.16
	G1NA036S21C	24.0	3.48	2.02	14.0	2.48	1.65	8.00	7.3	1.41	10.7	1.53	16.1	1.73	18.1	1.80	27.5	2.16
	G1HD036	24.2	3.50	2.03	14.0	2.48	1.65	8.00	7.1	1.40	10.6	1.53	16.1	1.72	18.2	1.79	27.8	2.16
	G1HA036H14	23.4	3.42	2.00	13.7	2.46	1.63	8.00	7.2	1.40	10.5	1.52	15.7	1.71	17.7	1.78	26.8	2.13
	G1HA036H17	23.8	3.46	2.02	13.8	2.48	1.63	8.00	7.2	1.39	10.5	1.51	15.9	1.71	17.9	1.79	27.2	2.16
YMA03011	G1FA036S14	30.0	3.28	2.68	17.8	2.44	2.14	8.00	9.8	1.80	13.9	1.97	20.4	2.27	22.9	2.38	34.0	2.86
	G1FA036S17,21	30.0	3.28	2.68	17.8	2.44	2.14	8.00	9.8	1.80	13.9	1.97	20.4	2.27	22.9	2.38	34.0	2.86
	G2FD030(S,H)17(T)	30.0	3.28	2.68	17.8	2.44	2.14	8.00	9.8	1.80	13.9	1.97	20.4	2.27	22.9	2.38	34.0	2.86
	G2FD035(S,H)14(T)	30.0	3.28	2.68	17.8	2.44	2.14	8.00	9.8	1.80	13.9	1.97	20.4	2.27	22.9	2.38	34.0	2.86
	G1NA036S17J	30.0	3.28	2.68	17.8	2.44	2.14	8.00	9.8	1.79	13.8	1.97	20.4	2.27	22.9	2.38	34.2	2.87
	G1NA036S21C	30.0	3.28	2.68	17.8	2.44	2.14	8.00	9.8	1.79	13.8	1.97	20.4	2.27	22.9	2.38	34.2	2.87
	G1HD036	30.2	3.38	2.62	17.8	2.44	2.14	8.00	9.7	1.83	13.8	1.99	20.4	2.27	22.9	2.38	34.4	2.78
	G1HA036H14	29.6	3.20	2.71	17.7	2.38	2.18	8.00	9.9	1.84	13.8	2.02	20.2	2.29	22.7	2.39	33.6	2.89
	G1HA036H17	29.8	3.30	2.65	17.7	2.42	2.14	8.00	9.7	1.81	13.8	1.98	20.3	2.28	22.8	2.41	34.0	2.84
YMA03611	G1FA036S14(T)	35.2	3.54	2.91	21.0	2.54	2.42	8.00	11.5	2.10	16.3	2.26	23.2	2.52	25.4	2.62	39.9	3.08
	G1FA036S17,21(T)	34.6	3.44	2.95	20.6	2.48	2.43	8.00	11.3	2.10	16.0	2.27	22.9	2.54	25.1	2.63	39.5	3.14
	G2FD036(S,H)17(T)	35.2	3.54	2.91	21.0	2.54	2.42	8.00	11.5	2.10	16.3	2.26	23.2	2.52	25.4	2.62	39.9	3.08
	G2FD036(S,H)21(T)	35.2	3.54	2.91	21.0	2.54	2.42	8.00	11.5	2.10	16.3	2.26	23.2	2.52	25.4	2.62	39.9	3.08
	G1NA036S17J	34.6	3.44	2.95	20.6	2.48	2.43	8.00	11.3	2.10	16.0	2.27	22.9	2.54	25.1	2.63	39.5	3.14
	G1NA036S21C	34.6	3.44	2.95	20.6	2.48	2.43	8.00	11.3	2.10	16.0	2.27	22.9	2.54	25.1	2.63	39.5	3.14
	G1HD036	35.0	3.54	2.90	20.8	2.54	2.40	8.00	11.5	2.09	16.2	2.25	23.1	2.50	25.2	2.60	39.7	3.06
	G1HA036H14(T)	34.6	3.44	2.95	20.6	2.48	2.43	8.00	11.3	2.10	16.0	2.27	22.9	2.54	25.1	2.63	39.5	3.14
	G1HA036H17(T)	34.6	3.44	2.95	20.6	2.48	2.43	8.00	11.3	2.10	16.0	2.27	22.9	2.54	25.1	2.63	39.5	3.14
YMA04211	G1FA048S21	42.0	3.50	3.52	28.0	2.50	3.28	8.00	18.7	3.13	23.3	3.20	29.1	3.24	30.2	3.20	46.7	3.59
	G2FD048(S,H)21,24	42.0	3.50	3.52	28.2	2.50	3.31	8.00	18.7	3.14	23.5	3.22	29.3	3.26	30.5	3.22	47.2	3.63
	G1NA060S24T	42.5	3.58	3.48	28.2	2.54	3.25	8.00	18.8	3.12	23.6	3.20	29.5	3.23	30.7	3.19	47.6	3.57
	G1HD048	41.5	3.48	3.49	27.8	2.50	3.26	8.00	18.6	3.13	23.3	3.21	29.1	3.25	30.2	3.21	46.5	3.60
	G1HA048H21	41.5	3.50	3.47	27.8	2.50	3.26	8.00	18.6	3.12	23.2	3.19	28.9	3.23	30.0	3.19	46.3	3.57
YMA04811	G1FA060S21,24(T)	48.0	3.66	3.84	31.0	2.52	3.60	8.00	19.7	3.44	25.3	3.52	33.6	3.59	36.1	3.57	53.7	3.94
	G2FD060(S,H)24(T)	48.0	3.66	3.84	31.0	2.52	3.60	8.00	19.7	3.44	25.3	3.52	33.6	3.59	36.1	3.57	53.7	3.94
	G2FD061H24	48.0	3.66	3.84	31.0	2.52	3.60	8.00	19.7	3.45	25.4	3.53	33.7	3.60	36.3	3.58	53.9	3.95
	G1NA060S24T	47.5	3.64	3.82	30.8	2.52	3.58	8.00	19.6	3.43	25.3	3.52	33.4	3.58	36.0	3.56	53.4	3.93
	G1HD060	47.5	3.64	3.82	30.8	2.52	3.58	8.00	19.6	3.43	25.2	3.51	33.4	3.57	35.9	3.55	53.3	3.92
	G1HA60H24(T)	47.5	3.68	3.78	30.8	2.54	3.55	8.00	19.6	3.42	25.3	3.50	33.5	3.56	36.0	3.54	53.5	3.90
YMA06011	G1FA060S21,24	59.0	3.72	4.65	36.2	2.58	4.11	8.00	21.0	3.75	28.6	3.93	38.9	4.14	41.5	4.18	66.6	4.83
	G2FD060(S,H)24	59.0	3.72	4.65	36.2	2.58	4.11	8.00	21.0	3.75	28.6	3.93	38.9	4.14	41.5	4.18	66.6	4.83
	G2FD061H24	59.0	3.72	4.65	35.6	2.68	3.89	8.00	20.0	3.39	27.8	3.64	38.3	3.99	41.0	4.08	66.8	4.90
	G1NA060S24T	59.0	3.72	4.65	35.4	2.54	4.08	8.00	19.7	3.71	27.5	3.90	38.5	4.16	41.6	4.25	66.9	4.83
	G1HD060	59.0	3.72	4.65	35.4	2.54	4.08	8.00	19.7	3.71	27.5	3.90	38.5	4.16	41.6	4.25	66.9	4.83
	G1HA60S24	58.5	3.68	4.66	36.0	2.56	4.12	8.00	21.0	3.76	28.5	3.94	38.8	4.16	41.6	4.21	66.0	4.84

1 Rated CFM same as for cooling.
2 Heating MBH based on ARI standards of 70° DB entering indoor air, 72% RH outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.
3 Integrated heating capacities include the effect of defrost cycles in the temperature range where they occur.
COP equals MBH output divided by (total KW input x 3.412).
HSPF (Heating Seasonal Performance Factor) is the total heating output during a normal annual usage period for heating divided by the total electric power input during the same period.
— = Not Applicable.

ACCESSORIES*

Hard Start Kit (024-31994-000, 024-31995-000) - Provides increased starting torque for areas with low voltage.

TXV Kits - 1TV07 series thermal expansion valves precisely meter refrigerant for optimum performance.

Dehumidistat (2HU16700124) - Provides increased dehumidification when matched with variable speed furnace or air handler.

Heat Pump Risers - (526-35389-000, 526-35390-000, 526-35391-000) - 3", 6", or 12" risers mount easily in composite base pan recesses, ensuring the unit stays clear of snow and ice build-up in harsh winter weather.

Room Thermostats - A wide selection of matching thermostats is available to provide features required for any installation.

2H/1C, manual change-over electronic non-programmable thermostat.

3H/2C, non-programmable digital thermostat.

3H/2C, auto/manual changeover, electronic programmable, 7-day, thermostat.

* For the most current accessory information, refer to the price book or consult factory.

SOUND POWER RATINGS*

UNIT MODEL	(dBA)
024	71
030	75
036	74
042	74
048	75
060	75

* Rated in accordance with ARI 270-95 Standards.

PERFORMANCE MULTIPLIERS FOR SMALL VAPOR LINE DIAMETERS

UNIT SIZE	VAPOR LINE	CAP	SENS	KW
24	3/4"	0.98	0.99	1.00
	5/8"	0.96	0.98	0.99
30	3/4"	0.99	1.00	1.00
36	3/4"	0.98	1.00	1.00
42	3/4"	0.98	0.99	1.00
48	3/4"	0.99	1.00	1.00
60	7/8"	0.99	1.00	1.00

COLOR GRILLES

CHOICE OF SEVERAL COLOR COIL GRILLES TO COMPLIMENT ANY HOME.		
Color Grill	Color Description	
1CP0126	Terra Cotta	024, 030, 036
1CP0130	Terra Cotta	042
1CP0136	Terra Cotta	048, 060
1CP0226	Jet Black	024, 030, 036
1CP0230	Jet Black	042
1CP0236	Jet Black	048, 060
1CP0326	Stone	024, 030, 036
1CP0330	Stone	042
1CP0336	Stone	048, 060
1CP0426	Bermuda	024, 030, 036
1CP0430	Bermuda	042
1CP0436	Bermuda	048, 060
1CP0526	Gunmetal	024, 030, 036
1CP0530	Gunmetal	042
1CP0536	Gunmetal	048, 060
1CP0526	Chocolate	024, 030, 036
1CP0530	Chocolate	042
1CP0536	Chocolate	048, 060

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		**YMA02411**														
INDOOR COIL MODEL NO.		**G2FD030S17**														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	600					800					1000				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	57	62	62	67	72	57
65	T.C.	22.5	25.1	25.1	28.2	30.0	25.0	26.4	26.4	29.2	30.1	27.5	27.6	27.8	30.1	30.3
	S.C.	24.5	21.7	18.2	18.3	14.5	27.1	25.5	20.8	19.9	14.8	29.6	29.3	23.3	21.5	15.1
	K.W.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
75	T.C.	21.3	23.4	23.5	26.4	28.8	23.6	24.9	24.7	27.4	29.3	26.0	26.3	25.9	28.4	29.8
	S.C.	23.2	20.9	17.5	17.6	14.0	25.6	24.5	20.1	19.5	14.7	28.1	28.1	22.6	21.5	15.4
	K.W.	1.8	1.8	1.8	1.9	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85	T.C.	20.1	21.7	22.0	24.7	27.7	22.3	23.3	23.0	25.7	28.5	24.5	25.0	24.1	26.8	29.3
	S.C.	21.8	20.1	16.8	16.8	13.5	24.2	23.5	19.4	19.2	14.6	26.5	27.0	22.0	21.5	15.7
	K.W.	1.9	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.1	2.1
95	T.C.	18.9	20.0	20.4	22.9	26.5	20.9	21.8	21.3	24.0	27.7	23.0	23.7	22.2	25.1	28.9
	S.C.	20.5	19.3	16.1	16.1	13.0	22.7	22.5	18.7	18.8	14.5	24.9	25.8	21.4	21.5	16.1
	K.W.	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.2	2.3	2.2	2.2	2.2	2.2	2.3
105	T.C.	17.5	18.3	18.4	20.7	24.2	19.3	20.0	19.4	21.7	25.1	21.1	21.6	20.3	22.6	26.1
	S.C.	19.0	18.3	15.2	15.3	12.1	20.9	20.9	17.7	17.9	13.7	22.9	23.5	20.3	20.5	15.3
	K.W.	2.2	2.2	2.2	2.3	2.4	2.3	2.3	2.2	2.3	2.4	2.4	2.3	2.3	2.4	2.4
115	T.C.	16.1	16.7	16.5	18.6	21.8	17.6	18.1	17.5	19.4	22.6	19.2	19.6	18.5	20.3	23.4
	S.C.	17.4	17.3	14.3	14.5	11.2	19.1	19.3	16.7	17.0	12.8	20.9	21.2	19.2	19.5	14.4
	K.W.	2.4	2.4	2.3	2.4	2.5	2.4	2.4	2.4	2.5	2.6	2.5	2.5	2.4	2.5	2.6
125	T.C.	14.7	15.0	14.5	16.5	19.5	16.0	16.3	15.6	17.2	20.1	17.4	17.6	16.7	17.9	20.7
	S.C.	15.9	16.4	13.4	13.7	10.4	17.3	17.6	15.8	16.1	12.0	18.9	18.9	18.2	18.5	13.6
	K.W.	2.5	2.5	2.5	2.6	2.7	2.6	2.6	2.5	2.6	2.7	2.7	2.6	2.5	2.6	2.8
NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED 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.

Air Handler	Coil	T.C.	S.C.	KW
F2RC/F2FC036		1.00	1.00	1.00
F2RP/F2FP/F3FP024		0.98	0.99	0.98
F2RP/F2FP/F3FP030		1.00	1.00	1.00
N1VSB12	G2FD030(S,H)17(T)	1.01	0.98	0.92
N1AHB08	G2FD030(S,H)17(T)	1.00	1.00	1.00
N1AHB12	G2FD030(S,H)17(T)	1.00	1.00	1.00
	G1FA036S14	1.01	1.02	1.00
	G1FA036S17,21	1.00	1.00	1.00
	G2FD030(S,H)17(T)	1.00	1.00	1.00
	G2FD035(S,H)14(T)	1.00	1.00	1.00
	G1NA036S17J	1.01	1.00	1.00
	G1NA036S21C	1.01	1.00	1.00
	G1HD036	1.02	1.03	1.00
	G1HA036H14	1.03	1.00	1.00
	G1HA036H17	1.03	1.01	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUA12V	G1FA036S14	1.02	0.98	0.93
P*DUA12V	G2FD035(S,H)14(T)	1.01	0.98	0.92
P*DUB16V	G1FA036S17	1.02	1.01	0.93
P*DUB16V	G2FD030(S,H)17(T)	1.02	1.01	0.93
P*DUC20V	G1FA036S21	1.02	1.01	0.93
P1XUB12V	G1FA036S17	1.02	1.01	0.93
P1XUB12V	G2FD030(S,H)17(T)	1.02	1.01	0.93
P1XUC16V	G1FA036S21	1.01	0.99	0.92
P1XUC20V	G1FA036S21	1.02	1.01	0.92
P1XDB12V	G2FD030(S,H)17(T)	1.02	1.02	0.93
P1XDB12V	G1HA036H17	1.03	1.01	0.93

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		**YMA03011**														
INDOOR COIL MODEL NO.		**G2FD030S17**														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	800					1000					1200				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	57	62	62	67	72	57
65	T.C.	29.1	32.6	32.6	35.6	35.2	31.4	33.1	35.3	35.0	34.4	33.7	33.7	38.0	34.4	33.7
	S.C.	29.2	26.8	22.6	22.4	17.0	31.5	28.7	26.4	21.8	17.4	33.8	30.6	30.2	21.2	17.8
	K.W.	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	2.1
75	T.C.	27.6	30.4	30.2	33.5	34.6	29.7	31.3	32.3	33.3	34.2	31.9	32.2	34.4	33.2	33.7
	S.C.	27.7	25.8	21.8	21.7	17.0	29.8	28.0	25.1	22.2	17.7	32.0	30.2	28.3	22.7	18.4
	K.W.	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85	T.C.	26.0	28.2	27.8	31.4	34.0	28.1	29.5	29.3	31.7	33.9	30.1	30.7	30.7	31.9	33.8
	S.C.	26.1	24.8	21.0	21.0	16.9	28.2	27.3	23.7	22.6	18.0	30.2	29.8	26.5	24.2	19.1
	K.W.	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6
95	T.C.	24.5	26.0	25.4	29.3	33.4	26.4	27.7	26.2	30.0	33.7	28.3	29.3	27.1	30.7	33.9
	S.C.	24.6	23.8	20.1	20.3	16.9	26.5	26.6	22.4	23.0	18.3	28.4	29.5	24.7	25.7	19.7
	K.W.	2.6	2.6	2.6	2.7	2.7	2.6	2.6	2.6	2.7	2.8	2.7	2.7	2.7	2.7	2.8
105	T.C.	23.0	24.1	23.4	26.8	30.5	24.6	25.5	24.4	27.4	30.8	26.3	27.0	25.4	28.0	31.0
	S.C.	23.0	22.7	19.1	19.5	15.9	24.6	24.9	21.5	22.0	17.3	26.3	27.1	23.9	24.5	18.7
	K.W.	2.8	2.8	2.8	2.9	2.9	2.8	2.8	2.8	2.9	3.0	2.9	2.9	2.8	2.9	3.0
115	T.C.	21.5	22.3	21.4	24.4	27.7	22.9	23.5	22.6	24.8	27.9	24.3	24.7	23.8	25.3	28.2
	S.C.	21.6	21.6	18.1	18.7	14.9	22.9	23.2	20.6	21.0	16.3	24.4	24.8	23.1	23.4	17.7
	K.W.	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.1	3.2	3.1	3.1	3.0	3.1	3.2
125	T.C.	20.0	20.4	19.5	22.0	24.8	21.2	21.4	20.9	22.3	25.1	22.3	22.5	22.2	22.6	25.4
	S.C.	20.1	20.5	17.2	17.9	13.9	21.1	21.5	19.8	20.1	15.3	22.4	22.6	22.3	22.3	16.7
	K.W.	3.2	3.2	3.1	3.2	3.3	3.2	3.2	3.2	3.3	3.4	3.3	3.3	3.2	3.3	3.4
NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED 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.

Air Handler	Coil	T.C.	S.C.	KW
F2RC/F2FC036		0.99	0.97	0.99
F2RP/F2FP/F3FP030		0.99	0.97	0.99
N1VSB12	G2FD030(S,H)17(T)	1.01	0.99	0.94
N1AHB08	G2FD030(S,H)17(T)	1.00	1.00	1.00
N1AHB12	G2FD030(S,H)17(T)	1.00	1.00	1.00
	G1FA036S14	1.01	1.00	1.00
	G1FA036S17,21	1.00	1.00	1.00
	G2FD030(S,H)17(T)	1.00	1.00	1.00
	G2FD035(S,H)14(T)	1.00	1.00	1.00
	G1NA036S17J	1.01	1.00	1.00
	G1NA036S21C	1.01	1.00	1.00
	G1HD036	1.02	1.02	1.00
	G1HA036H14	1.03	1.00	1.00
	G1HA036H17	1.03	1.01	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUA12V	G1FA036S14	1.01	0.99	0.94
P*DUB16V	G1FA036S17	1.02	1.03	0.94
P*DUB16V	G2FD030(S,H)17(T)	1.02	1.03	0.94
P*DUC20V	G1FA036S21	1.01	1.01	0.93
P1XUB12V	G1FA036S17	1.01	1.02	0.95
P1XUB12V	G2FD030(S,H)17(T)	1.01	1.02	0.95
P1XUC16V	G1FA036S21	1.01	1.01	0.93
P1XUC20V	G1FA036S21	1.01	1.00	0.93
P1XDB12V	G2FD030(S,H)17(T)	1.01	1.01	0.95
P1XDB12V	G1HA036H17	1.01	1.02	0.95

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		**YMA03611**														
INDOOR COIL MODEL NO.		**G2FD036S17**														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1000					1200					1400				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	57	62	62	67	72	57
65	T.C.	34.8	38.3	37.7	41.6	40.7	37.8	39.6	39.0	42.0	40.2	40.8	40.9	40.4	42.5	39.8
	S.C.	36.0	33.5	28.1	27.7	20.1	38.5	36.5	30.3	29.5	20.6	40.9	39.5	32.6	31.4	21.2
	K.W.	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
75	T.C.	32.8	35.6	34.7	39.1	39.3	35.5	37.0	35.9	39.7	39.2	38.2	38.4	37.1	40.4	39.1
	S.C.	34.0	32.2	26.6	26.7	19.6	36.2	35.0	29.0	28.7	20.4	38.4	37.8	31.4	30.8	21.2
	K.W.	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
85	T.C.	30.8	32.9	31.7	36.6	38.0	33.3	34.4	32.8	37.5	38.2	35.7	35.9	33.8	38.3	38.3
	S.C.	31.9	30.8	25.1	25.7	19.1	33.9	33.4	27.6	28.0	20.1	35.8	36.0	30.1	30.2	21.1
	K.W.	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9	3.0	3.0
95	T.C.	28.9	30.2	28.8	34.2	36.7	31.0	31.9	29.6	35.2	37.1	33.1	33.5	30.4	36.2	37.6
	S.C.	29.9	29.5	23.7	24.7	18.7	31.5	31.9	26.3	27.2	19.9	33.2	34.3	28.9	29.7	21.0
	K.W.	3.1	3.1	3.1	3.2	3.3	3.1	3.1	3.1	3.2	3.3	3.1	3.2	3.1	3.2	3.3
105	T.C.	27.2	28.2	26.3	31.4	33.5	29.1	29.6	27.1	32.3	33.8	30.9	31.0	27.9	33.2	34.2
	S.C.	28.0	27.9	22.6	23.6	17.6	29.4	29.8	24.9	26.0	18.8	31.0	31.8	27.2	28.4	19.9
	K.W.	3.3	3.3	3.3	3.4	3.5	3.4	3.4	3.3	3.4	3.5	3.4	3.4	3.4	3.5	3.6
115	T.C.	25.6	26.2	24.0	28.8	30.4	27.2	27.4	24.7	29.5	30.7	28.8	28.6	25.4	30.3	30.9
	S.C.	26.2	26.2	21.6	22.6	16.6	27.3	27.8	23.6	24.8	17.7	28.9	29.4	25.6	27.1	18.9
	K.W.	3.6	3.6	3.5	3.6	3.8	3.6	3.6	3.6	3.7	3.8	3.7	3.7	3.6	3.7	3.8
125	T.C.	24.0	24.2	21.6	26.1	27.4	25.3	25.2	22.2	26.7	27.5	26.7	26.2	22.8	27.3	27.6
	S.C.	24.5	24.6	20.6	21.5	15.6	25.2	25.8	22.3	23.7	16.7	26.8	27.0	24.0	25.8	17.8
	K.W.	3.8	3.8	3.8	3.9	4.0	3.9	3.9	3.8	3.9	4.0	3.9	3.9	3.8	3.9	4.1
NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED 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.

Air Handler	Coil	T.C.	S.C.	KW
F2RP/F2FP/F3FP036		1.02	0.99	1.00
F2FP/F3FP040		1.02	1.00	1.00
F2RP/F2FP/F3FP042		1.02	1.00	1.00
N1VSB12	G2FD036(S,H)17(T)	1.01	0.99	0.95
N1VSC16	G2FD036(S,H)21(T)	1.03	1.01	0.93
N1AHB08	G2FD036(S,H)17(T)	1.00	1.00	1.00
N1AHB12	G2FD036(S,H)17(T)	1.00	1.00	1.00
N1AHC16	G2FD036(S,H)21(T)	1.03	1.03	1.01
	G1FA036S14(T)	0.99	0.99	1.00
	G1FA036S17,21(T)	0.98	0.99	0.99
	G2FD036(S,H)17(T)	1.00	1.00	1.00
	G2FD036(S,H)21(T)	1.01	1.03	0.99
	G1NA036S17J	1.00	0.98	1.00
	G1NA036S21C	1.00	0.98	1.00
	G1HD036	1.01	1.01	1.00
	G1HA036H14(T)	1.01	1.00	0.99
	G1HA036H17(T)	1.02	1.01	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUA12V	G1FA036S14(T)	0.99	0.99	0.97
P*DUB16V	G1FA036S17(T)	0.99	1.00	0.94
P*DUB16V	G2FD036(S,H)17(T)	1.01	1.01	0.95
P*DUC20V	G1FA036S21(T)	1.00	1.00	0.94
P*DUC20V	G2FD036(S,H)21(T)	1.03	1.04	0.93
P1XUB12V	G1FA036S17(T)	0.99	0.99	0.96
P1XUB12V	G2FD036(S,H)17(T)	1.01	1.01	0.97
P1XUC16V	G1FA036S21(T)	0.99	1.00	0.94
P1XUC16V	G2FD036(S,H)21(T)	1.03	1.04	0.94
P1XUC20V	G1FA036S21(T)	0.99	1.00	0.94
P1XUC20V	G2FD036(S,H)21(T)	1.03	1.04	0.93
P1XDB12V	G2FD036(S,H)17(T)	1.01	1.01	0.98
P1XDB12V	G1HA036H17(T)	1.03	1.01	0.99
P1XDC20V	G2FD036(S,H)21(T)	1.03	1.05	0.96

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		**YMA04211**														
INDOOR COIL MODEL NO.		**G1FA048S21**														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1200					1400					1600				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	57	62	62	67	72	57
65	T.C.	40.0	43.8	42.6	47.1	46.4	42.0	45.2	43.7	47.9	46.0	44.0	46.6	44.8	48.7	45.5
	S.C.	42.3	38.6	32.9	32.6	23.9	44.2	42.0	35.4	34.5	24.4	46.2	45.4	37.9	36.4	24.9
	K.W.	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
75	T.C.	38.6	41.7	40.7	45.2	45.4	40.7	43.1	41.6	45.9	45.3	42.8	44.5	42.6	46.7	45.2
	S.C.	40.7	37.9	31.9	31.8	23.4	42.6	41.0	34.4	33.9	24.2	44.5	44.2	36.9	36.0	25.0
	K.W.	3.1	3.1	3.1	3.2	3.2	3.1	3.2	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85	T.C.	37.1	39.6	38.7	43.3	44.3	39.3	41.0	39.6	44.0	44.6	41.5	42.4	40.5	44.7	44.8
	S.C.	39.2	37.1	31.0	31.0	23.0	41.1	40.1	33.5	33.2	24.0	42.9	43.0	35.9	35.5	25.1
	K.W.	3.5	3.5	3.5	3.5	3.6	3.5	3.5	3.5	3.6	3.6	3.5	3.5	3.5	3.6	3.6
95	T.C.	35.6	37.5	36.8	41.3	43.3	38.0	38.9	37.6	42.0	43.9	40.3	40.2	38.3	42.7	44.5
	S.C.	37.6	36.3	30.1	30.2	22.5	39.5	39.1	32.5	32.6	23.9	41.3	41.8	35.0	35.0	25.2
	K.W.	3.9	3.9	3.9	3.9	4.0	3.9	3.9	3.9	3.9	4.0	3.9	3.9	3.9	4.0	4.0
105	T.C.	33.7	35.1	34.3	38.5	40.3	35.8	36.5	35.0	39.1	40.8	37.9	37.8	35.7	39.7	41.4
	S.C.	35.6	34.7	29.0	29.0	21.5	37.2	37.0	31.3	31.2	22.9	38.9	39.3	33.6	33.4	24.3
	K.W.	4.4	4.4	4.4	4.5	4.5	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.4	4.5	4.5
115	T.C.	31.8	32.9	31.8	35.7	37.3	33.7	34.2	32.5	36.3	37.8	35.6	35.4	33.1	36.9	38.3
	S.C.	33.6	33.1	27.9	27.7	20.5	35.1	35.0	30.0	29.8	22.0	36.6	36.8	32.2	31.9	23.4
	K.W.	4.9	4.9	4.9	5.0	5.0	5.0	5.0	4.9	5.0	5.0	5.0	5.0	4.9	5.0	5.1
125	T.C.	30.0	30.6	29.4	33.0	34.3	31.6	31.8	29.9	33.5	34.8	33.2	33.1	30.5	34.0	35.3
	S.C.	31.6	31.5	26.8	26.5	19.5	32.9	32.9	28.8	28.4	21.0	34.3	34.4	30.8	30.3	22.5
	K.W.	5.5	5.5	5.4	5.5	5.6	5.5	5.5	5.4	5.5	5.6	5.5	5.5	5.5	5.5	5.6
NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED 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.

Air Handler	Coil	T.C.	S.C.	KW
F2FP048		0.99	0.98	1.00
N1VSC16	G2FD048(S,H)21(T)	1.01	0.99	0.94
N1VSD20	G2FD048(S,H)24(T)	1.01	0.98	0.95
N1AHC16	G2FD048(S,H)21(T)	1.00	1.01	1.00
N1AHD20	G2FD048(S,H)24(T)	1.00	1.01	1.00
	G1FA048S21	1.00	1.00	1.00
	G2FD048(S,H)21,24	1.00	1.01	1.00
	G1NA060S24T	1.01	1.01	0.99
	G1HD048	0.99	0.99	0.99
	G1HA048H21	0.99	0.97	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUC20V	G1FA048S21	1.00	1.01	0.96
P*DUC20V	G2FD048(S,H)21(T)	1.01	1.02	0.96
P1XUC16V	G1FA048S21	1.00	1.01	0.96
P1XUC16V	G2FD048(S,H)21(T)	1.01	1.02	0.96
P1XUC20V	G1FA048S21	1.00	1.01	0.96
P1XUC20V	G2FD048(S,H)21(T)	1.01	1.02	0.96
P1XDD20V	G2FD048(S,H)24(T)	1.01	1.02	0.98
P1XDC20V	G2FD048(S,H)21(T)	1.01	1.02	1.00
P1XDC20V	G1HA048H21	0.99	0.97	0.98
P1XDD20V	G2FD048(S,H)24(T)	1.01	1.02	0.98

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		**YMA04811**														
INDOOR COIL MODEL NO.		**G2FA060S24**														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1400					1600					1800				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	57	62	62	67	72	57
65	T.C.	42.8	45.7	45.8	50.3	57.2	44.6	47.0	47.0	51.5	57.3	46.3	48.3	48.1	52.8	57.5
	S.C.	43.7	41.4	35.6	35.2	27.3	45.4	44.0	37.9	37.8	28.8	47.1	46.5	40.3	40.3	30.4
	K.W.	3.1	3.1	3.1	3.2	3.2	3.1	3.1	3.1	3.2	3.2	3.1	3.1	3.1	3.2	3.2
75	T.C.	41.6	44.2	44.2	48.5	54.2	43.3	45.4	45.3	49.7	54.8	44.9	46.7	46.4	50.9	55.4
	S.C.	42.4	40.8	34.9	34.6	27.1	44.1	43.1	37.2	37.0	28.5	45.7	45.5	39.5	39.5	29.8
	K.W.	3.5	3.6	3.6	3.6	3.7	3.5	3.6	3.6	3.6	3.7	3.6	3.6	3.6	3.6	3.7
85	T.C.	40.4	42.7	42.6	46.7	51.3	42.0	43.9	43.6	47.8	52.3	43.6	45.1	44.7	48.9	53.4
	S.C.	41.2	40.1	34.2	34.0	26.9	42.7	42.3	36.5	36.3	28.1	44.3	44.5	38.8	38.6	29.3
	K.W.	4.0	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.1	4.1
95	T.C.	39.2	41.2	41.0	45.0	48.3	40.7	42.3	42.0	46.0	49.8	42.2	43.5	43.0	47.0	51.3
	S.C.	40.0	39.4	33.6	33.4	26.7	41.4	41.4	35.8	35.6	27.7	42.9	43.4	38.1	37.8	28.7
	K.W.	4.4	4.4	4.4	4.5	4.5	4.4	4.4	4.4	4.5	4.6	4.4	4.5	4.5	4.5	4.6
105	T.C.	37.7	39.3	39.0	42.9	46.4	39.1	40.4	39.9	43.8	47.7	40.5	41.5	40.8	44.7	48.9
	S.C.	38.4	38.2	32.6	32.6	25.6	39.8	39.9	34.9	34.8	26.8	41.1	41.6	37.1	37.0	27.9
	K.W.	5.1	5.1	5.1	5.1	5.2	5.1	5.1	5.1	5.1	5.2	5.1	5.1	5.1	5.2	5.2
115	T.C.	36.2	37.4	37.0	40.8	44.6	37.6	38.5	37.9	41.7	45.6	38.9	39.5	38.7	42.5	46.6
	S.C.	37.0	37.0	31.7	31.8	24.5	38.3	38.4	33.9	34.0	25.8	39.4	39.8	36.1	36.3	27.2
	K.W.	5.7	5.7	5.7	5.8	5.8	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.7	5.8	5.8
125	T.C.	34.8	35.5	35.0	38.8	42.8	36.0	36.6	35.8	39.6	43.5	37.2	37.6	36.6	40.3	44.2
	S.C.	35.5	35.8	30.8	31.0	23.4	36.8	36.9	33.0	33.2	24.9	37.7	38.0	35.2	35.5	26.4
	K.W.	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.3	6.4	6.5	6.4	6.4	6.3	6.4	6.5
NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED 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.

Air Handler	Coil	T.C.	S.C.	KW
F2FP045		0.99	0.97	0.99
F2FP/F3FP060		0.99	0.96	1.01
F2FV060		1.00	0.98	0.96
N1VSD20	G2FD060(S,H)24(T)	1.00	0.98	0.96
N1VSD20	G2FD061H24	1.01	0.99	0.96
N1AHD20	G2FD060(S,H)24(T)	1.00	1.00	1.00
N1AHD20	G2FD061H24	1.00	1.01	1.00
	G1FA060S21,24(T)	1.00	1.00	1.00
	G2FD060(S,H)24(T)	1.00	1.00	1.00
	G2FD061H24	1.00	1.01	1.00
	G1NA060S24T	0.99	0.98	1.00
	G1HD060	0.98	0.98	0.99
	G1HA60H24(T)	0.99	0.98	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUC20V	G1FA060S21(T)	1.00	1.01	0.98
P*DUC20V	G2FD060(S,H)24(T)	1.00	1.01	0.98
P*DUC20V	G2FD061H24	1.01	1.02	0.99
P1XUC16V	G1FA060S21(T)	1.00	1.00	1.00
P1XUC16V	G2FD060(S,H)24(T)	1.00	1.00	1.00
P1XUC16V	G2FD061H24	1.00	1.01	0.99
P1XUC20V	G1FA060S21(T)	1.00	1.00	0.99
P1XUC20V	G2FD060(S,H)24(T)	1.00	1.00	0.99
P1XUC20V	G2FD061H24	1.01	1.01	0.99
P1XUD20V	G1FA060S24(T)	1.00	1.01	0.99
P1XUD20V	G2FD060(S,H)24(T)	1.00	1.01	0.99
P1XUD20V	G2FD061H24	1.01	1.02	0.98
P1XDC20V	G2FD060(S,H)24(T)	0.99	0.99	0.98
P1XDC20V	G1HA60H24(T)	0.99	0.98	0.97
P1XDD20V	G2FD060(S,H)24(T)	1.00	1.01	0.99
P1XDD20V	G2FD061H24	1.01	1.02	0.99
P1XDD20V	G1HA60H24(T)	0.99	0.98	0.97

COOLING PERFORMANCE DATA																
OUTDOOR UNIT MODEL NO.		**YMA06011**														
INDOOR COIL MODEL NO.		**G2FA060S24**														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1600					1800					2000				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	57	62	62	67	72	57
65	T.C.	57.6	59.5	57.0	62.3	58.7	59.1	61.0	58.3	63.3	60.1	60.6	62.5	59.5	64.2	61.5
	S.C.	56.2	53.7	44.2	44.1	30.5	57.7	56.6	46.8	46.4	31.9	59.3	59.5	49.4	48.8	33.3
	K.W.	3.5	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.6	3.6
75	T.C.	55.1	56.6	53.8	59.1	57.7	56.6	58.2	54.9	60.2	58.8	58.2	59.9	56.0	61.3	59.9
	S.C.	53.6	52.0	42.7	42.6	30.3	55.2	54.7	45.2	45.0	31.5	56.8	57.3	47.8	47.4	32.8
	K.W.	4.0	4.0	4.0	4.1	4.2	4.0	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.1	4.2
85	T.C.	52.6	53.6	50.5	55.8	56.7	54.2	55.5	51.5	57.1	57.6	55.9	57.3	52.6	58.4	58.4
	S.C.	51.1	50.3	41.2	41.2	30.1	52.7	52.7	43.7	43.6	31.2	54.4	55.2	46.2	46.0	32.3
	K.W.	4.5	4.5	4.5	4.6	4.7	4.6	4.6	4.5	4.6	4.7	4.6	4.6	4.6	4.7	4.7
95	T.C.	50.1	50.7	47.3	52.6	55.7	51.8	52.7	48.2	54.0	56.3	53.6	54.6	49.1	55.4	56.9
	S.C.	48.5	48.7	39.7	39.8	29.9	50.3	50.8	42.2	42.2	30.8	52.0	53.0	44.6	44.6	31.7
	K.W.	5.0	5.0	5.0	5.1	5.2	5.1	5.1	5.0	5.1	5.2	5.1	5.1	5.1	5.2	5.3
105	T.C.	47.3	47.7	44.2	48.9	51.2	48.8	49.4	45.0	50.1	51.7	50.3	51.2	45.8	51.3	52.1
	S.C.	45.8	45.8	38.3	38.3	28.3	38.9	47.7	40.4	40.7	29.4	48.7	49.5	42.6	43.0	30.4
	K.W.	5.7	5.7	5.7	5.8	5.9	5.7	5.7	5.7	5.8	5.9	5.8	5.8	5.7	5.8	5.9
115	T.C.	44.5	44.8	41.1	45.4	46.8	45.8	46.3	41.9	46.3	47.1	47.1	47.8	42.7	47.2	47.5
	S.C.	43.1	43.1	36.9	36.8	26.8	27.8	44.6	38.8	39.2	27.9	45.6	46.1	40.6	41.5	29.1
	K.W.	6.3	6.3	6.3	6.4	6.5	6.4	6.4	6.3	6.4	6.6	6.4	6.4	6.3	6.4	6.6
125	T.C.	41.8	41.9	38.1	41.8	42.4	42.9	43.2	38.8	42.5	42.6	44.0	44.5	39.5	43.2	42.8
	S.C.	40.4	40.3	35.6	35.4	25.2	16.8	41.5	37.1	37.7	26.5	42.4	42.7	38.6	40.0	27.8
	K.W.	7.0	7.0	6.9	7.0	7.2	7.0	7.0	7.0	7.0	7.2	7.0	7.0	7.0	7.1	7.2
NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED 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.

Air Handler	Coil	T.C.	S.C.	KW
F2FP060		0.98	0.96	1.01
F2FV060		1.00	0.97	0.98
N1VSD20	G2FD060(S,H)24(T)	0.99	0.96	0.98
N1VSD20	G2FD061H24	1.01	0.98	0.98
N1AHD20	G2FD060(S,H)24(T)	1.00	1.00	1.00
N1AHD20	G2FD061H24	1.01	1.00	1.00
	G1FA060S21,24	1.00	1.00	1.00
	G2FD060(S,H)24	1.00	1.00	1.00
	G2FD061H24	1.01	1.00	1.00
	G1NA060S24T	0.98	0.96	0.99
	G1HD060	0.98	0.97	1.00
	G1HA60S24	0.99	0.97	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUC20V	G1FA060S21	0.99	0.98	0.98
P*DUC20V	G2FD060(S,H)24	0.99	0.98	0.98
P*DUC20V	G2FD061H24	1.00	0.99	0.98
P1XUC16V	G1FA060S21	0.99	0.95	0.98
P1XUC16V	G2FD060(S,H)24	0.99	0.95	0.98
P1XUC16V	G2FD061H24	0.99	0.95	0.98
P1XUC20V	G1FA060S21	0.99	0.95	0.98
P1XUC20V	G2FD060(S,H)24	0.99	0.95	0.98
P1XUC20V	G2FD061H24	1.00	0.97	0.98
P1XUD20V	G1FA060S24	0.99	0.95	0.98
P1XUD20V	G2FD060(S,H)24	0.99	0.95	0.98
P1XUD20V	G2FD061H24	1.00	0.96	0.97
P1XDC20V	G2FD060(S,H)24	0.99	0.94	0.98
P1XDC20V	G1HA60H24	0.98	0.93	0.96
P1XDD20V	G2FD060(S,H)24	0.99	0.94	0.98
P1XDD20V	G2FD061H24	1.00	0.96	0.98
P1XDD20V	G1HA60H24	0.98	0.93	0.96

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		**YMA02411**								
INDOOR COIL MODEL NO.		**G2FD030S17**								
AIR TEMP. ENTERING OUTDOOR UNIT	**AIR TEMP. ENTERING INDOOR COIL**	ID CFM								
		600			800			1000		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	27.2	2.2	3.5	27.3	2.1	3.7	27.4	2.0	3.9
	70	26.8	2.3	3.4	27.1	2.2	3.5	27.4	2.1	3.7
	80	26.4	2.4	3.2	26.9	2.3	3.4	27.3	2.3	3.5
47	60	24.9	2.0	3.6	24.6	2.0	3.7	24.4	1.9	3.8
	70	23.7	2.1	3.3	24.0	2.0	3.5	24.3	2.0	3.6
	80	22.4	2.2	3.0	23.4	2.1	3.2	24.3	2.1	3.5
40	60	22.2	1.9	3.4	22.1	1.9	3.5	22.0	1.8	3.6
	70	21.1	2.0	3.2	21.6	1.9	3.3	22.0	1.9	3.4
	80	20.0	2.0	2.9	21.0	2.0	3.1	22.1	2.0	3.3
30	60	19.3	1.8	3.2	20.0	1.7	3.4	20.7	1.7	3.6
	70	18.0	1.8	2.9	18.9	1.8	3.1	19.7	1.7	3.3
	80	16.8	1.8	2.7	17.7	1.8	2.9	18.7	1.8	3.1
17	60	13.7	1.6	2.5	15.0	1.6	2.8	16.3	1.6	3.0
	70	12.6	1.7	2.2	13.8	1.7	2.4	15.0	1.6	2.7
	80	11.5	1.7	2.0	12.6	1.7	2.1	13.6	1.7	2.3
10	60	11.8	1.6	2.2	12.8	1.6	2.4	13.8	1.6	2.6
	70	10.8	1.6	2.0	11.7	1.6	2.1	12.6	1.6	2.3
	80	9.8	1.6	1.7	10.6	1.6	1.9	11.4	1.6	2.1
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.										

Multipliers for determining the performance with other indoor section.

Air Handler	Coil	MBH	KW	COP
F2RC/F2FC036		1.00	1.00	1.00
F2RP/F2FP/F3FP024		0.98	1.00	0.98
F2RP/F2FP/F3FP030		1.00	1.00	1.00
N1VSB12	G2FD030(S,H)17(T)	0.98	1.07	0.91
N1AHB08	G2FD030(S,H)17(T)	1.00	1.00	1.00
N1AHB12	G2FD030(S,H)17(T)	1.00	1.00	1.00
	G1FA036S14	1.00	1.01	0.99
	G1FA036S17,21	1.00	1.00	1.00
	G2FD030(S,H)17(T)	1.00	1.00	1.00
	G2FD035(S,H)14(T)	1.00	1.00	1.00
	G1NA036S17J	1.00	1.01	0.99
	G1NA036S21C	1.00	1.01	0.99
	G1HD036	1.01	1.01	1.00
	G1HA036H14	0.98	0.99	0.99
	G1HA036H17	0.99	1.00	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUA12V	G1FA036S14	0.98	1.07	0.91
P*DUA12V	G2FD035(S,H)14(T)	0.98	1.06	0.92
P*DUB16V	G1FA036S17	0.98	1.06	0.92
P*DUB16V	G2FD030(S,H)17(T)	0.98	1.06	0.92
P*DUC20V	G1FA036S21	0.98	1.07	0.91
P1XUB12V	G1FA036S17	0.98	1.06	0.92
P1XUB12V	G2FD030(S,H)17(T)	0.98	1.06	0.92
P1XUC16V	G1FA036S21	0.98	1.07	0.91
P1XUC20V	G1FA036S21	0.98	1.07	0.91
P1XDB12V	G2FD030(S,H)17(T)	0.98	1.06	0.92
P1XDB12V	G1HA036H17	0.98	1.08	0.91

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		**YMA03011**								
INDOOR COIL MODEL NO.		**G2FD030S17**								
AIR TEMP. ENTERING OUTDOOR UNIT	**AIR TEMP. ENTERING INDOOR COIL**	ID CFM								
		800			1000			1200		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	37.8	2.9	3.8	37.2	2.9	3.8	36.6	2.8	3.9
	70	36.1	3.1	3.5	35.9	3.0	3.5	35.8	2.9	3.6
	80	34.5	3.2	3.2	34.7	3.1	3.3	34.9	3.0	3.4
47	60	33.5	2.7	3.7	33.1	2.6	3.7	32.7	2.5	3.8
	70	28.6	2.7	3.1	30.0	2.7	3.3	31.4	2.6	3.5
	80	23.6	2.8	2.5	26.9	2.7	2.9	30.1	2.7	3.2
40	60	29.2	2.5	3.4	29.5	2.5	3.5	29.8	2.4	3.6
	70	27.4	2.6	3.1	27.8	2.5	3.2	28.2	2.5	3.3
	80	25.5	2.6	2.9	26.0	2.6	2.9	26.6	2.6	3.0
30	60	25.1	2.3	3.2	25.4	2.3	3.3	25.7	2.3	3.3
	70	23.2	2.3	2.9	23.6	2.3	3.0	24.0	2.3	3.0
	80	21.2	2.4	2.6	21.8	2.4	2.7	22.3	2.4	2.8
17	60	19.6	2.1	2.7	19.9	2.1	2.8	20.2	2.1	2.9
	70	17.2	2.2	2.3	17.8	2.1	2.4	18.4	2.1	2.5
	80	14.9	2.2	2.0	15.7	2.2	2.1	16.5	2.2	2.2
10	60	16.4	2.1	2.3	16.7	2.1	2.4	17.1	2.0	2.4
	70	14.5	2.1	2.0	14.9	2.1	2.1	15.3	2.1	2.2
	80	12.7	2.1	1.8	13.1	2.1	1.8	13.6	2.1	1.9
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.										

Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	MBH	KW	COP
F2RC/F2FC036		1.00	1.01	0.99
F2RP/F2FP/F3FP030		1.00	1.01	0.99
N1AHB08	G2FD030(S,H)17(T)	1.00	1.00	1.00
N1AHB12	G2FD030(S,H)17(T)	1.00	1.00	1.00
N1VSB12	G2FD030(S,H)17(T)	0.98	1.05	0.93
	G1FA036S14	1.00	1.00	1.00
	G1FA036S17,21	1.00	1.00	1.00
	G2FD030(S,H)17(T)	1.00	1.00	1.00
	G2FD035(S,H)14(T)	1.00	1.00	1.00
	G1NA036S17J	1.00	1.00	1.00
	G1NA036S21C	1.00	1.00	1.00
	G1HD036	1.01	1.03	0.98
	G1HA036H14	0.99	0.98	1.01
	G1HA036H17	0.99	1.01	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUB16V	G1FA036S17	0.98	1.04	0.94
P*DUA12V	G1FA036S14	0.98	1.04	0.95
P*DUB16V	G1FA036S17	0.98	1.04	0.94
P*DUB16V	G2FD030(S,H)17(T)	0.98	1.04	0.94
P*DUC20V	G1FA036S21	0.97	1.05	0.93
P1XUB12V	G1FA036S17	0.99	1.04	0.95
P1XUB12V	G2FD030(S,H)17(T)	0.99	1.04	0.95
P1XUC16V	G1FA036S21	0.97	1.05	0.93
P1XUC20V	G1FA036S21	0.97	1.05	0.93
P1XDB12V	G2FD030(S,H)17(T)	0.98	1.03	0.95
P1XDB12V	G1HA036H17	0.97	1.05	0.95

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		**YMA03611**								
INDOOR COIL MODEL NO.		**G2FD036S17**								
AIR TEMP. ENTERING OUTDOOR UNIT	**AIR TEMP. ENTERING INDOOR COIL**	ID CFM								
		1000			1200			1400		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	41.2	3.0	4.0	42.8	2.9	4.3	44.4	2.9	4.6
	70	38.4	3.2	3.5	39.8	3.1	3.8	41.3	3.0	4.0
	80	35.6	3.3	3.1	36.9	3.3	3.3	38.1	3.2	3.5
47	60	37.0	2.8	3.8	38.1	2.8	4.0	39.1	2.7	4.3
	70	34.0	3.0	3.3	35.2	2.9	3.5	36.4	2.8	3.7
	80	31.0	3.1	2.9	32.3	3.1	3.1	33.7	3.0	3.3
40	60	34.2	2.7	3.7	35.7	2.7	3.9	37.3	2.6	4.2
	70	31.2	2.8	3.2	32.6	2.8	3.4	34.1	2.8	3.6
	80	28.3	3.0	2.8	29.6	2.9	3.0	30.9	2.9	3.1
30	60	30.2	2.6	3.4	31.2	2.6	3.6	32.2	2.5	3.8
	70	27.7	2.7	3.0	28.6	2.7	3.2	29.4	2.6	3.3
	80	25.2	2.8	2.6	25.9	2.7	2.8	26.6	2.7	2.9
17	60	20.0	2.4	2.4	20.9	2.4	2.6	21.9	2.4	2.7
	70	20.3	2.4	2.4	21.0	2.4	2.5	21.7	2.4	2.6
	80	20.6	2.5	2.4	21.1	2.5	2.5	21.6	2.5	2.6
10	60	23.1	2.3	3.0	23.9	2.3	3.1	24.7	2.2	3.2
	70	20.7	2.3	2.6	21.1	2.3	2.7	21.4	2.3	2.7
	80	18.3	2.4	2.3	18.2	2.4	2.3	18.2	2.3	2.3
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.										

Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	MBH	KW	COP
F2RP/F2FP/F3FP036		0.99	0.99	0.99
F2FP/F3FP040		0.99	1.00	0.99
F2RP/F2FP/F3FP042		0.99	1.00	0.99
N1VSB12	G2FD036(S,H)17(T)	0.99	1.05	0.95
N1VSC16	G2FD036(S,H)21(T)	0.99	1.06	0.93
N1AHB08	G2FD036(S,H)17(T)	1.00	1.00	1.00
N1AHB12	G2FD036(S,H)17(T)	1.00	1.00	1.00
N1AHC16	G2FD036(S,H)21(T)	1.00	1.00	1.00
	G1FA036S14(T)	1.00	1.00	1.00
	G1FA036S17,21(T)	0.98	0.97	1.01
	G2FD036(S,H)17(T)	1.00	1.00	1.00
	G2FD036(S,H)21(T)	1.00	1.00	1.00
	G1NA036S17J	0.98	0.97	1.01
	G1NA036S21C	0.98	0.97	1.01
	G1HD036	0.99	1.00	0.99
	G1HA036H14(T)	0.98	0.97	1.01
	G1HA036H17(T)	0.98	0.97	1.01

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUA12V	G1FA036S14(T)	0.99	1.02	0.97
P*DUB16V	G1FA036S17(T)	0.97	1.01	0.96
P*DUB16V	G2FD036(S,H)17(T)	0.98	1.04	0.95
P*DUC20V	G1FA036S21(T)	0.97	1.02	0.96
P*DUC20V	G2FD036(S,H)21(T)	0.98	1.05	0.94
P1XUB12V	G1FA036S17(T)	0.98	1.00	0.98
P1XUB12V	G2FD036(S,H)17(T)	0.99	1.02	0.97
P1XUC16V	G1FA036S21(T)	0.97	1.01	0.96
P1XUC16V	G2FD036(S,H)21(T)	0.98	1.05	0.94
P1XUC20V	G1FA036S21(T)	0.97	1.02	0.96
P1XUC20V	G2FD036(S,H)21(T)	0.98	1.05	0.94
P1XDB12V	G2FD036(S,H)17(T)	0.99	1.02	0.97
P1XDB12V	G1HA036H17(T)	0.98	1.00	0.98
P1XDC20V	G2FD036(S,H)21(T)	0.98	1.02	0.96

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		**YMA04211**								
INDOOR COIL MODEL NO.		**G2FD048S21**								
AIR TEMP. ENTERING OUTDOOR UNIT	**AIR TEMP. ENTERING INDOOR COIL**	ID CFM								
		1200			1400			1600		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	49.8	3.6	4.1	50.8	3.4	4.4	51.9	3.3	4.6
	70	47.2	3.9	3.6	48.2	3.7	3.8	49.2	3.6	4.0
	80	44.7	4.2	3.1	45.7	4.1	3.3	46.6	3.9	3.5
47	60	43.7	3.3	3.9	44.5	3.2	4.1	45.3	3.1	4.3
	70	41.3	3.6	3.3	42.0	3.5	3.5	42.7	3.4	3.7
	80	38.9	4.0	2.9	39.5	3.8	3.0	40.1	3.7	3.2
40	60	40.0	3.2	3.7	40.8	3.1	3.8	41.5	3.0	4.0
	70	37.9	3.5	3.1	38.5	3.4	3.3	39.1	3.3	3.4
	80	35.8	3.8	2.7	36.2	3.7	2.8	36.6	3.6	3.0
30	60	36.0	3.1	3.4	36.5	3.0	3.6	37.1	2.9	3.7
	70	33.9	3.4	2.9	34.3	3.3	3.1	34.7	3.2	3.2
	80	31.8	3.7	2.5	32.1	3.6	2.6	32.4	3.5	2.7
17	60	28.5	3.2	2.6	28.9	3.1	2.7	29.3	3.1	2.8
	70	27.6	3.4	2.4	28.0	3.3	2.5	28.4	3.2	2.6
	80	26.8	3.5	2.2	27.1	3.4	2.3	27.4	3.4	2.4
10	60	27.9	2.8	2.9	28.5	2.8	3.0	29.1	2.7	3.1
	70	26.0	3.1	2.4	26.4	3.1	2.5	26.8	3.0	2.6
	80	24.1	3.4	2.1	24.3	3.4	2.1	24.5	3.3	2.2
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.										

Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	MBH	KW	COP
F2FP048		0.99	0.99	1.00
N1VSC16	G2FD048(S,H)21(T)	0.98	1.04	0.94
N1VSD20	G2FD048(S,H)24(T)	0.98	1.05	0.93
N1AHC16	G2FD048(S,H)21(T)	1.00	1.00	1.00
N1AHD20	G2FD048(S,H)24(T)	1.00	1.00	1.00
	G1FA048S21	1.00	1.00	1.00
	G2FD048(S,H)21,24	1.00	1.00	1.00
	G1NA060S24T	1.01	1.02	0.99
	G1HD048	0.99	0.99	0.99
	G1HA048H21	0.99	1.00	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUC20V	G1FA048S21	0.99	1.03	0.96
P*DUC20V	G2FD048(S,H)21(T)	1.00	1.05	0.95
P1XUC16V	G1FA048S21	0.99	1.03	0.96
P1XUC16V	G2FD048(S,H)21(T)	1.00	1.05	0.96
P1XUC20V	G1FA048S21	0.99	1.02	0.97
P1XUC20V	G2FD048(S,H)21(T)	1.00	1.04	0.96
P1XDD20V	G2FD048(S,H)24(T)	1.00	1.02	0.98
P1XDC20V	G2FD048(S,H)21(T)	1.00	1.01	0.99
P1XDC20V	G1HA048H21	0.99	1.00	0.99
P1XDD20V	G2FD048(S,H)24(T)	1.00	1.02	0.98

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		**YMA04811**								
INDOOR COIL MODEL NO.		**G1FA060S24**								
AIR TEMP. ENTERING OUTDOOR UNIT	**AIR TEMP. ENTERING INDOOR COIL**	ID CFM								
		1400			1600			1800		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	61.3	3.8	4.8	60.5	3.6	4.9	59.8	3.4	5.1
	70	60.3	4.2	4.2	60.5	4.0	4.4	60.8	3.8	4.7
	80	59.3	4.6	3.8	60.6	4.4	4.0	61.8	4.2	4.3
47	60	51.9	3.6	4.2	45.6	3.4	3.9	39.3	3.3	3.5
	70	50.6	4.0	3.7	48.0	3.8	3.7	45.4	3.7	3.6
	80	49.3	4.4	3.3	50.4	4.3	3.5	51.6	4.2	3.6
40	60	45.9	3.5	3.8	34.5	3.3	3.1	23.1	3.1	2.2
	70	44.9	3.9	3.4	39.5	3.7	3.1	34.1	3.6	2.8
	80	43.9	4.3	3.0	44.5	4.2	3.1	45.1	4.0	3.3
30	60	39.5	3.4	3.4	39.6	3.3	3.5	39.8	3.2	3.6
	70	38.7	3.8	3.0	39.1	3.7	3.1	39.5	3.6	3.2
	80	38.0	4.1	2.7	38.6	4.0	2.8	39.2	3.9	2.9
17	60	31.2	3.3	2.8	31.7	3.2	2.9	32.2	3.2	3.0
	70	30.6	3.7	2.4	31.0	3.6	2.5	31.4	3.5	2.6
	80	30.0	4.1	2.2	30.3	4.0	2.2	30.6	3.9	2.3
10	60	28.3	3.3	2.5	28.5	3.2	2.6	28.8	3.2	2.7
	70	27.5	3.6	2.2	27.9	3.6	2.3	28.2	3.6	2.3
	80	26.8	4.0	2.0	27.2	4.0	2.0	27.6	4.0	2.0
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.										

Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	MBH	KW	COP
F2FP045		0.99	1.01	0.98
F2FP/F3FP060		0.99	0.98	1.01
F2FV060		1.00	1.04	0.94
N1VSD20	G2FD060(S,H)24(T)	0.99	1.04	0.94
N1VSD20	G2FD061H24	1.00	1.04	0.95
N1AHD20	G2FD060(S,H)24(T)	1.00	1.00	1.00
N1AHD20	G2FD061H24	1.00	1.00	1.00
	G1FA060S21,24(T)	1.00	1.00	1.00
	G2FD060(S,H)24(T)	1.00	1.00	1.00
	G2FD061H24	1.00	1.00	1.00
	G1NA060S24T	0.99	0.99	1.00
	G1HD060	0.99	0.99	1.00
	G1HA60H24(T)	0.99	1.01	0.98

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUC20V	G1FA060S21(T)	0.99	1.01	0.98
P*DUC20V	G2FD060(S,H)24(T)	0.99	1.01	0.98
P*DUC20V	G2FD061H24	0.99	1.01	0.98
P1XUC16V	G1FA060S21(T)	0.99	1.00	0.99
P1XUC16V	G2FD060(S,H)24(T)	0.99	1.00	0.99
P1XUC16V	G2FD061H24	1.00	1.00	0.99
P1XUC20V	G1FA060S21(T)	0.99	1.01	0.98
P1XUC20V	G2FD060(S,H)24(T)	0.99	1.01	0.98
P1XUC20V	G2FD061H24	1.00	1.01	0.98
P1XUD20V	G1FA060S24(T)	0.99	1.01	0.98
P1XUD20V	G2FD060(S,H)24(T)	0.99	1.01	0.98
P1XUD20V	G2FD061H24	0.99	1.01	0.98
P1XDC20V	G2FD060(S,H)24(T)	1.00	1.01	0.98
P1XDC20V	G1HA60H24(T)	0.99	1.01	0.98
P1XDD20V	G2FD060(S,H)24(T)	0.99	1.01	0.98
P1XDD20V	G2FD061H24	1.00	1.01	0.98
P1XDD20V	G1HA60H24(T)	0.99	1.02	0.97

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		**YMA06011**								
INDOOR COIL MODEL NO.		**G1FA060S24**								
AIR TEMP. ENTERING OUTDOOR UNIT	**AIR TEMP. ENTERING INDOOR COIL**	ID CFM								
		1600			1800			2000		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	68.6	4.4	4.6	69.0	4.3	4.8	69.5	4.1	5.0
	70	66.3	4.9	4.0	66.6	4.7	4.1	66.8	4.5	4.3
	80	64.1	5.4	3.5	64.1	5.2	3.6	64.1	5.0	3.8
47	60	60.9	4.3	4.1	61.7	4.2	4.3	62.6	4.1	4.5
	70	58.4	4.8	3.6	59.0	4.6	3.7	59.6	4.5	3.9
	80	55.9	5.3	3.1	56.3	5.1	3.2	56.6	4.9	3.4
40	60	56.3	4.3	3.8	55.7	4.1	4.0	55.1	3.8	4.2
	70	46.0	4.2	3.2	47.5	4.1	3.4	48.9	4.0	3.6
	80	35.7	4.2	2.5	39.3	4.2	2.8	42.8	4.2	3.0
30	60	49.5	3.9	3.7	49.4	4.0	3.6	49.3	4.1	3.5
	70	46.7	4.5	3.0	45.4	4.5	3.0	44.0	4.4	3.0
	80	43.9	5.2	2.5	41.3	4.9	2.5	38.8	4.6	2.5
17	60	43.8	4.0	3.2	42.0	4.0	3.1	40.2	3.9	3.0
	70	37.5	4.1	2.7	36.2	4.1	2.6	34.9	4.1	2.5
	80	31.2	4.2	2.2	30.4	4.3	2.1	29.6	4.3	2.0
10	60	41.7	3.7	3.3	40.0	3.7	3.2	38.4	3.7	3.0
	70	38.4	4.0	2.8	37.0	4.1	2.7	35.6	4.1	2.6
	80	35.0	4.4	2.4	34.0	4.4	2.3	32.9	4.4	2.2
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT AT 1250 BTUH/1000 CFM.										

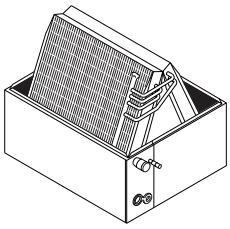
Multipliers for determining the performance with other indoor sections.

Air Handler	Coil	MBH	KW	COP
F2FP060		1.00	1.00	1.00
F2FV060		0.99	1.01	0.99
N1VSD20	G2FD060(S,H)24(T)	0.99	1.01	0.99
N1VSD20	G2FD061H24	0.99	1.01	0.99
N1AHD20	G2FD060(S,H)24(T)	1.00	1.00	1.00
N1AHD20	G2FD061H24	1.00	1.00	1.00
	G1FA060S21,24	1.00	1.00	1.00
	G2FD060(S,H)24	1.00	1.00	1.00
	G2FD061H24	1.00	1.00	1.00
	G1NA060S24T	1.00	1.00	1.00
	G1HD060	1.00	1.00	1.00
	G1HA60S24	0.99	0.99	1.00

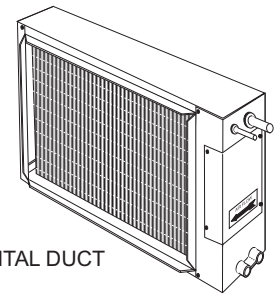
Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUC20V	G1FA060S21	0.99	1.01	0.99
P*DUC20V	G2FD060(S,H)24	0.99	1.01	0.99
P*DUC20V	G2FD061H24	0.99	1.01	0.99
P1XUC16V	G1FA060S21	0.99	1.01	0.99
P1XUC16V	G2FD060(S,H)24	0.99	1.01	0.99
P1XUC16V	G2FD061H24	0.99	1.01	0.99
P1XUC20V	G1FA060S21	0.99	1.01	0.99
P1XUC20V	G2FD060(S,H)24	0.99	1.01	0.99
P1XUC20V	G2FD061H24	0.99	1.01	0.99
P1XUD20V	G1FA060S24	0.99	1.01	0.99
P1XUD20V	G2FD060(S,H)24	0.99	1.01	0.99
P1XUD20V	G2FD061H24	0.99	1.01	0.99
P1XDC20V	G2FD060(S,H)24	0.99	1.01	0.99
P1XDC20V	G1HA60H24	0.98	1.01	0.98
P1XDD20V	G2FD060(S,H)24	0.99	1.01	0.99
P1XDD20V	G2FD061H24	0.99	1.01	0.99
P1XDD20V	G1HA60H24	0.98	1.01	0.98

MATCHING INDOOR COMPONENTS

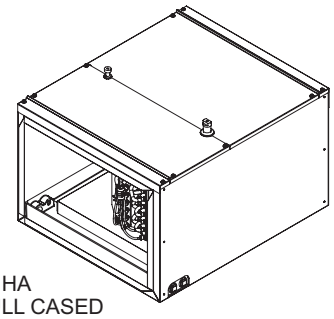
ADD-ON COILS - FOR FURNACE APPLICATIONS



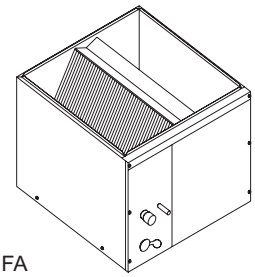
G1UA
1/2 CASED
UPFLOW



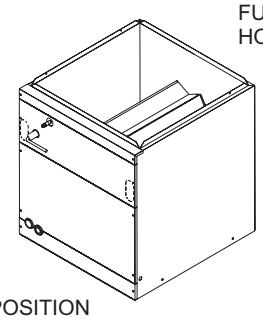
G1HD
HORIZONTAL DUCT



G1HA
FULL CASED
HORIZONTAL



G1FA
FULL CASED
UPFLOW

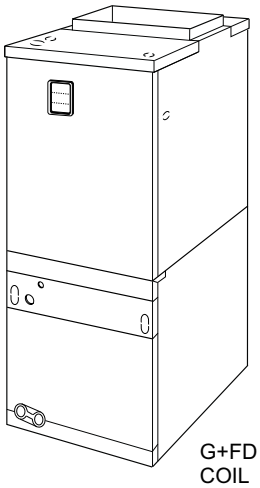


G2FD*
MULTI-POSITION
(UPFLOW, HORIZONTAL
AND DOWNFLOW)

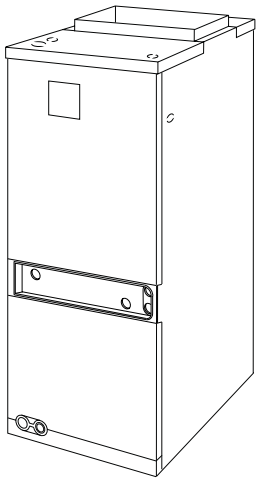
* Available with factory installed horizontal drain pan.

AIR HANDLERS - FOR NON-FURNACE APPLICATIONS

N-AH OR N-VS
MODULAR BLOWER
(UPFLOW, HORIZONTAL
AND DOWNFLOW)



G+FD
COIL



F+RC / F+FC OR
F+RC / F+FP
FAN COIL UNITS
(UPFLOW, HORIZONTAL)

NOTES

036-21570-002 Rev. D (0605)
Supersedes: 036-21570-002 Rev. C (0405)

Unitary Products Group

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