



## Heating and Air Conditioning

### TECHNICAL GUIDE

#### AFFINITY

#### SPLIT-SYSTEM HEAT PUMPS

16 SEER – R-410A

#### MODELS:

YZF024THRU 060\*C

(2 THRU 5 NOMINAL TONS)



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

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

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

#### WARRANTY

Standard 5-year limited parts warranty.  
10-year limited compressor warranty.  
Premium System Warranty - Limited lifetime compressor when matched with an approved furnace or UPG air handler and coil.

**Extended 10-year limited parts warranty when product is registered online within 90 days of purchase for replacement or closing for new home construction.**

#### DESCRIPTION

The 16 SEER Series unit is the outdoor part of a versatile climate system. It is designed with a matching indoor coil component from Johnson Controls Unitary Products. Available for typical applications this climate system is supported with accessories and documents to serve specific functions.

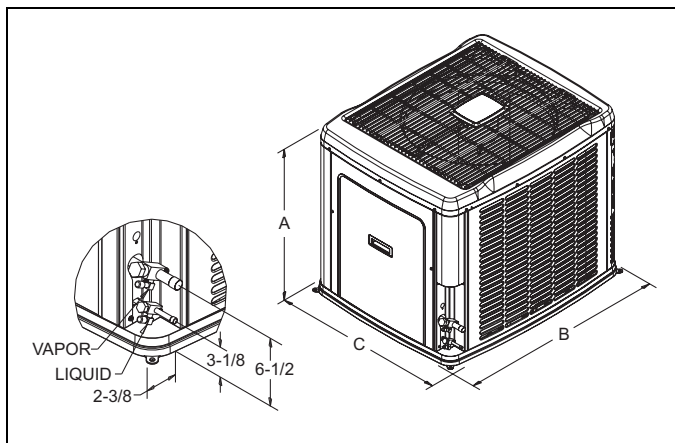
#### FEATURES

- **Superior Coil Protection** – A stamped coil guard completely protects coil from debris and other large damaging material.
- **Isolated Compressor Compartment** – A molded composite bulkhead isolates the compressor from the rest of the unit reducing sound and vibration.
- **Protected Compressors** – Each compressor is protected against high and low pressure as well as excessive temperature. This is accomplished by the simultaneous operation of a high pressure relief valve and temperature sensors which protect the compressor if undesirable conditions occur.
- **Environmentally Friendly Refrigerant** – Next generation refrigerant R-410A delivers environmentally friendly performance, with zero ozone depletion.
- **Durable Finish** – Automotive quality finish provides the ultimate protection from harmful U.V. rays as well as 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 allowing easy access to control components along with angled service valves to reduce overall installation time and cost.
- **Low Operating Sound Levels** – A fan design boasting technology adapted from aeronautic and defense engineering provides for whisper quiet operation by allowing airflow to flow smoothly and efficiently across the fan tips.
- **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.
- **Quiet drive system** - The swept-wing fan, composite base pan, isolated compressor compartment and two-stage compressor are engineered as a system to reduce overall sound to a mere whisper.
- **Complete System Control** – All models utilize the exclusive microprocessor based, on-demand, defrost control system. This system provides optimal comfort, efficiency, and constant monitoring of the entire system for reliable operation. defrost cycles occur only when necessary. an adjustable balance point insures supplemental heat is brought on only when required to meet the space load, for optimum efficiency and reliability.  
In the event improper operating conditions occur (high temperature and/or high pressure), the unit will automatically shut down to protect the refrigeration system, and switch to back-up heat. On-board diagnostic LED's guide the technician to the source of the problem, and an output signal from the control to the thermostat will alert the homeowner. The control also features non-volatile memory, which preserves trouble codes in the event of power loss. An anti-short cycle timer extends the life of the compressor by preventing short-cycling.
- **Agency Listed** - U.L. and C.U.L. listed - approved for outdoor application. The unit is certified in accordance with the Unitary Small Equipment certification program, which is based on ARI Standard 210/240.

## Physical and Electrical Data

Model	YZF02413(C)	YZF03013(C)	YZF03613(C)	YZF04213(C)	YZF04813(C)	YZF06013(C)	
Unit Supply Voltage	208-230V, 1 $\phi$ , 60Hz						
Normal Voltage Range <sup>1</sup>	187 to 252						
Minimum Circuit Ampacity	17.5	17.3	22.6	26.1	26.9	33.8	
Max. Overcurrent Device Amps <sup>2</sup>	30	30	35	45	45	50	
Min. Overcurrent Device Amps <sup>3</sup>	20	20	25	35	30	35	
Compressor Type	Scroll						
Compressor Amps	Rated Load	13.4	12.8	17	19.8	20.5	26
	Locked Rotor	58.3	64	77	115	115	118
Crankcase Heater	No						
Fan Motor Amps	Rated Load	0.7	1.3	1.3	1.3	1.3	1.3
Fan Diameter Inches	24						
Fan Motor	Rated HP	1/8	1/4	1/4	1/4	1/4	1/4
	Nominal RPM	1075	850	850	850	850	850
	Nominal CFM	2750	3800	3800	3800	3400	3700
Coil	Face Area Sq. Ft.	20.6	23.6	23.6	23.6	23.6	23.6
	Rows Deep	1	1	1	1	2	2
	Fins / Inch	22	22	22	22	22	14
Liquid Line Set OD (Field Installed)	3/8						
Vapor Line Set OD (Field Installed)	3/4						
Unit Charge (Lbs. - Oz.) <sup>4</sup>	9 – 3	9 – 13	10 – 10	11 – 12	14 – 5	14 – 11	
Charge Per Foot, Oz.	0.62	0.62	0.62	0.67	0.67	0.75	
Operating Weight Lbs.	199	228	230	234	283	298	

1. Rated in accordance with ARI Standard 110, utilization range "A".
2. Dual element fuses or HACR circuit breaker. Maximum allowable overcurrent protection.
3. Dual element fuses or HACR circuit breaker. Minimum recommended overcurrent protection.
4. The Unit Charge is correct for the outdoor unit, matched indoor coil and 15 feet of refrigerant tubing. For tubing lengths other than 15 feet, add or subtract the amount of refrigerant, using the difference in length multiplied by the per foot value.



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

Unit Model	Dimensions (Inches)			Refrigerant Connection Service Valve Size	
	A	B	C	Liquid	Vapor
024	39-1/2	37	31	3/8"	3/4"
030	39-1/2	42	34		
036	39-1/2	42	34		7/8"
042	39-1/2	42	34		
048	39-1/2	42	34		7/8"
060	39-1/2	42	34		

\* Adapter fitting required for 1-1/8" line set.

System Charge for Various Matched Systems						
Outdoor Unit	YZF02413(C)	YZF03013(C)	YZF03613(C)	YZF04213(C)	YZF04813(C)	YZF06013(C)
Approved System Thermal Expansion Valve <sup>1</sup>	1TVM4N1	1TVM4H1	1TVM4H1	1TVM4J1	1TVM4J1	1TVM4K1
Indoor Coil <sup>2</sup>	TXV Kit <sup>3</sup> - Additional Charge, Oz					
FC/MC/PC32	TXV + 0	-	-	-	-	-
FC/MC/PC35	TXV + 0	-	-	-	-	-
FC/MC/PC37	TXV + 7	TXV + 0	-	-	-	-
FC/MC/PC43	TXV + 7	TXV + 0	-	-	-	-
FC/MC/PC/UC48	-	-	TXV + 0	-	-	-
FC/MC/PC/UC60	-	-	TXV + 3	-	-	-
FC/PC62	-	-	-	TXV + 0	TXV + 0	TXV + 0
FC64	-	-	-	-	TXV + 8	TXV + 8
AHX30	TXV + 0	-	-	-	-	-
AHX36	TXV + 7	TXV + 0	-	-	-	-
AHX42	-	-	TXV + 0	-	-	-
AHX48	-	-	TXV + 3	-	-	-
AHX60	-	-	-	TXV + 0	TXV + 0	TXV + 0
AV36	TXV + 7	TXV + 0	-	-	-	-
AV48	-	-	TXV + 3	-	-	-
F6FP030	TXV + 0	-	-	-	-	-
F6FP036	TXV + 0	-	-	-	-	-
F6FP042	-	-	TXV + 0	-	-	-
F6FP048	-	-	TXV + 3	-	-	-
F6FP060	-	-	-	TXV + 0	TXV + 0	-

**FOOTNOTES:**

1. Systems matched with furnace or air handlers not equipped with blower-off delays may require blower Time Delay Kit 2FD06700224.
2. PC coils cannot be used in downflow or horizontal applications. FC coils cannot be used in horizontal applications.
3. A TXV kit must be used with these coils to obtain system performance.  
Note: If a TXV is factory installed on the coil, it must be replaced with the listed TXV.

**PROCEDURES:**

1. Unit factory charge listed on the unit nameplate includes refrigerant for the condenser, the smallest evaporator and 15 feet of interconnecting line tubing.
2. Verify the TXV and additional charge required for specific evaporator coil in the system using the above table.
3. Additional charge for the amount of interconnecting line tubing greater than 15 feet at the rate specified in the Physical and Electrical Data Table.
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 <sup>1</sup> MODEL	COOLING					
	MODEL	W		STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
<b>1 PH HP WITH MV - VARIABLE SPEED</b>									
YZF02413(C)	MV12B	17	FC/MC35B		800	23.6	17.8	15.00	12.50
	MV12B	17	FC/MC43B		800	24.0	18.6	16.00	13.00
YZF03013(C)	MV12B	17	FC/MC43B		1000	28.8	21.8	16.00	13.00
	MV16C	21	FC/MC43C		1000	28.8	22.0	16.00	13.00
YZF03613(C)	MV12D	24	FC/MC48D		1160	34.8	26.0	15.00	12.50
	MV16C	21	FC/MC48C		1200	34.6	25.8	15.00	12.50
	MV12D	24	FC/MC60D		1135	34.6	25.6	15.00	12.50
YZF04213(C)	MV20D	24	FC/MC62D		1400	41.0	28.0	15.00	12.50
YZF04813(C)	MV20D	24	FC/MC62D		1630	46.5	34.8	15.00	12.50
	MV20D	24	FC64D		1630	48.0	36.8	15.00	12.50
YZF06013(C)	MV20D	24	FC/MC62D	1	1075	46.5	29.8	15.00	20.80
				2	1630	56.0	39.0		11.80
	MV20D	24	FC64D	1	1075	48.0	31.2	15.00	21.60
				2	1630	57.5	40.5		12.00
<b>1 PH HP WITH AV / SV / F*FV - VARIABLE SPEED</b>									
YZF02413(C)	AV*36	21	—	—	725	23.8	17.4	16.00	13.00
YZF03013(C)	AV*36	21	—	—	960	28.8	21.6	16.00	13.00
YZF03613(C)	AV*48	24	—	—	1220	35.2	26.6	15.00	12.50
<b>1 PH HP WITH AHP/ SHP / AHX / F*FP</b>									
YZF02413(C)	AHX30	17	—	—	835	23.8	18.1	15.00	12.50
	AHX36	21	—	—	820	24.0	18.1	15.00	12.50
	F6FP030	17	—	—	850	23.8	17.9	15.00	12.50
	F6FP036	21	—	—	855	23.8	18.0	15.00	12.50
YZF03013(C)	AHX36	21	—	—	1005	28.8	22.0	16.00	13.00
YZF03613(C)	AHX42	21	—	—	1200	35.2	26.4	15.00	12.50
	AHX48	24	—	—	1255	35.4	27.2	15.00	12.50
	F6FP042	24	—	—	1290	35.2	27.2	15.00	12.50
	F6FP048	24	—	—	1125	34.8	25.6	15.00	12.50
YZF04213(C)	AHX60	24	—	—	1440	41.5	28.0	15.00	12.50
	F6FP060	24	—	—	1475	41.5	28.6	15.00	12.50
YZF04813(C)	AHX60	24	—	—	1570	46.5	35.2	15.00	12.50
	F6FP060	24	—	—	1570	46.5	35.0	15.00	12.50
YZF06013(C)	AHX60	24	—	1	1255	48.0	31.6	15.00	20.65
				2	1930	57.0	41.5		11.60
<p>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.</p>									

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

— = Not applicable.

## COOLING CAPACITY - With High Efficiency Motor Furnaces

UNIT MODEL	FURNACE MODEL	COIL MODEL <sup>1</sup>	W	COOLING					
				RATED CFM	NET MBH		SEER	EER	
					TOTAL	SENSIBLE			
<b>1 PH HP WITH HIGH EFFICIENCY FURNACES<sup>2</sup></b>									
YZF02413(C)	T*(8,L)X*A12	FC/MC/PC32A	14	800	23.8	17.9	15.00	12.50	
	(Y*(8,L)C/T*8V)*A12	FC/MC/PC32A	14	755	23.4	17.3	15.00	12.50	
	T*(8,L)X*B12	FC/MC/PC35B	17	850	24.0	18.2	15.00	12.50	
	T*(8,L)X*C16	FC/MC/PC35C	21	865	24.0	18.2	15.00	12.50	
	T*(8,L)X*C20	FC/MC/PC35C	21	885	24.0	18.1	15.00	12.50	
	T*9X*B12	FC/MC/PC35B	17	785	23.8	17.7	15.00	12.50	
	T*9X*C16	FC/MC/PC35C	21	765	23.6	17.5	15.00	12.50	
	T*9X*C20	FC/MC/PC35C	21	825	24.0	18.1	15.00	12.50	
	(Y*(8,L)C/T*8V)*B12	FC/MC/PC35B	17	785	23.6	17.6	15.00	12.50	
	(Y*(8,L)C/T*8V)*C16	FC/MC/PC35C	21	775	23.6	17.6	15.00	12.50	
	(Y*(8,L)C/T*8V)*C20	FC/MC/PC35C	21	755	23.6	17.4	15.00	12.50	
	(Y*9C/T*9V)*B12	FC/MC/PC35B	17	815	23.8	18.0	15.00	12.50	
	(Y*9C/T*9V)*C16	FC/MC/PC35C	21	900	24.0	18.8	15.00	12.50	
	(Y*9C/T*9V)*C20	FC/MC/PC35C	21	755	23.6	17.4	15.00	12.50	
	T*(8,L)X*A12	FC/MC/PC37A	14	840	24.0	18.7	16.00	13.00	
	(Y*(8,L)C/T*8V)*A12	FC/MC/PC37A	14	765	23.8	17.7	15.00	12.50	
	T*(8,L)X*B12	FC/MC/PC43B	17	865	24.0	18.7	16.00	13.00	
	T*(8,L)X*C16	FC/MC/PC43C	21	855	24.0	18.7	16.00	13.00	
	T*(8,L)X*C20	FC/MC/PC43C	21	815	24.0	18.6	16.00	13.00	
	T*9X*B12	FC/MC/PC43B	17	800	24.0	18.7	16.00	13.00	
	T*9X*C16	FC/MC/PC43C	21	785	24.0	18.0	16.00	13.00	
	T*9X*C20	FC/MC/PC43C	21	790	24.0	18.1	16.00	13.00	
	(Y*(8,L)C/T*8V)*B12	FC/MC/PC43B	17	790	24.0	18.0	15.00	12.50	
	(Y*(8,L)C/T*8V)*C16	FC/MC/PC43C	21	770	24.0	17.8	16.00	13.00	
	(Y*(8,L)C/T*8V)*C20	FC/MC/PC43C	21	740	23.8	17.5	15.00	12.50	
	(Y*9C/T*9V)*B12	FC/MC/PC43B	17	800	24.0	18.5	15.00	12.50	
	(Y*9C/T*9V)*C16	FC/MC/PC43C	21	810	24.0	18.6	16.00	13.00	
	(Y*9C/T*9V)*C20	FC/MC/PC43C	21	890	24.0	19.1	16.00	13.00	
	YZF03013(C)	T*(8,L)X*A12	FC/MC/PC37A	14	1090	29.2	23.0	15.00	12.50
		(Y*(8,L)C/T*8V)*A12	FC/MC/PC37A	14	950	28.4	21.2	15.00	12.50
T*(8,L)X*B12		FC/MC/PC43B	17	1090	29.2	23.0	15.00	12.50	
T*(8,L)X*C16		FC/MC/PC43C	21	955	28.8	21.6	15.00	12.50	
T*(8,L)X*C20		FC/MC/PC43C	21	870	28.2	20.6	15.00	12.50	
T*9X*B12		FC/MC/PC43B	17	1095	29.4	23.0	15.00	12.50	
T*9X*C16		FC/MC/PC43C	21	1055	29.4	23.0	15.00	12.50	
(Y*(8,L)C/T*8V)*B12		FC/MC/PC43B	17	1045	28.8	22.2	15.00	12.50	
(Y*(8,L)C/T*8V)*C16		FC/MC/PC43C	21	1035	29.0	22.4	15.00	12.50	
(Y*(8,L)C/T*8V)*C20		FC/MC/PC43C	21	1025	29.2	22.4	15.00	12.50	
(Y*9C/T*9V)*B12		FC/MC/PC43B	17	1035	28.8	22.0	15.00	12.50	
(Y*9C/T*9V)*C16		FC/MC/PC43C	21	1030	28.8	22.2	15.00	12.50	
(Y*9C/T*9V)*C20	FC/MC/PC43C	21	995	28.8	21.8	15.00	12.50		
YZF03613(C)	T*(8,L)X*C16	FC/MC/PC48C	21	1185	34.8	26.0	15.00	12.50	
	T*(8,L)X*C20	FC/MC/PC48C	21	1270	35.4	27.0	15.00	12.50	
	T*9X*C16	FC/MC/PC48C	21	1280	35.2	27.0	15.00	12.50	
	T*9X*C20	FC/MC/PC48C	21	1205	34.6	25.8	15.00	12.50	
	T*9X*D20	FC/MC/PC48D	24	1240	35.2	26.8	15.00	12.50	
	(Y*(8,L)C/T*8V)*C16	FC/MC/PC48C	21	1195	34.6	25.8	15.00	12.50	
	(Y*(8,L)C/T*8V)*C20	FC/MC/PC48C	21	1150	34.6	25.8	15.00	12.50	
	(Y*9C/T*9V)*D20	FC/MC/PC48D	24	1240	35.0	26.6	15.00	12.50	
	T*(8,L)X*C16	FC/PC60C	21	1190	34.8	25.8	15.00	12.50	
	T*(8,L)X*C20	FC/PC60C	21	1275	35.4	27.2	15.00	12.50	

For Notes, See Page 6.

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

UNIT MODEL	FURNACE MODEL	COIL MODEL <sup>1</sup>	W	COOLING				
				RATED CFM	NET MBH		SEER	EER
					TOTAL	SENSIBLE		
<b>1 PH HP WITH HIGH EFFICIENCY FURNACES<sup>2</sup></b>								
YZF03613(C)	T*9X*C16	FC/PC60C	21	1315	35.4	27.4	15.00	12.50
	T*9X*C20	FC/PC60C	21	1240	35.2	26.8	15.00	12.50
	T*9X*D20	FC/MC/PC60D	24	1310	35.6	27.6	15.00	12.50
	(Y*(8,L)C/T*8V)*C16	FC/PC60C	21	1185	34.8	25.6	15.00	12.50
	(Y*(8,L)C/T*8V)*C20	FC/PC60C	21	1215	35.0	26.4	15.00	12.50
	(Y*9C/T*9V)*D20	FC/MC/PC60D	24	1225	35.0	26.4	15.00	12.50
	T*(8,L)X*C16	UC48C	21	1185	34.8	26.2	15.00	12.50
	T*(8,L)X*C20	UC48C	21	1270	35.0	26.8	15.00	12.50
	T*9X*C16	UC48C	21	1280	34.8	26.8	15.00	12.50
	T*9X*C20	UC48C	21	1205	34.6	26.0	15.00	12.50
	T*9X*D20	UC48D	24	1240	34.6	26.0	15.00	12.50
	(Y*(8,L)C/T*8V)*C16	UC48C	21	1210	34.6	26.0	15.00	12.50
	(Y*(8,L)C/T*8V)*C20	UC48C	21	1155	34.6	26.0	15.00	12.50
	T*(8,L)X*C16	UC60C	21	1190	34.6	25.8	15.00	12.50
	T*(8,L)X*C20	UC60C	21	1275	34.8	26.6	15.00	12.50
	T*9X*C16	UC60C	21	1300	34.8	26.8	15.00	12.50
	T*9X*C20	UC60C	21	1240	34.4	25.6	15.00	12.50
	T*9X*D20	UC60D	24	1310	35.0	27.0	15.00	12.50
	(Y*(8,L)C/T*8V)*C16	UC60C	21	1195	34.4	25.6	15.00	12.50
	(Y*(8,L)C/T*8V)*C20	UC60C	21	1215	34.4	25.6	15.00	12.50
YZF04213(C)	T*(8,L)X*C16	FC/MC62D	21	1360	41.0	27.8	15.00	12.50
	T*(8,L)X*C20	FC/MC62D	21	1485	41.5	28.8	15.00	12.50
	T*9X*C16	FC/MC62D	21	1460	41.5	28.6	15.00	12.50
	T*9X*C20	FC/MC62D	21	1460	41.5	28.8	15.00	12.50
	T*9X*D20	FC/MC62D	24	1425	41.5	28.8	15.00	12.50
	(Y*(8,L)C/T*8V)*C16	FC/MC62D	21	1420	41.5	28.6	15.00	12.50
	(Y*(8,L)C/T*8V)*C20	FC/MC62D	21	1365	41.0	27.6	15.00	12.50
	(Y*9C/T*9V)*D20	FC/MC62D	24	1455	41.5	28.6	15.00	12.50
YZF04813(C)	T*(8,L)X*C20	FC/MC62D	21	1665	47.0	35.8	15.00	12.50
	T*9X*C20	FC/MC62D	21	1595	46.5	34.8	15.00	12.50
	T*(8,L)X*C16	FC64D	21	1610	48.0	36.6	15.00	12.50
	T*(8,L)X*C20	FC64D	21	1665	48.0	36.8	15.00	12.50
	T*9X*C16	FC64D	21	1550	47.5	36.6	15.00	12.50
	T*9X*C20	FC64D	21	1595	48.0	36.8	15.00	12.50
	T*9X*D20	FC64D	24	1610	47.5	36.6	15.00	12.50
	(Y*(8,L)C/T*8V)*C16	FC64D	21	1635	47.5	36.6	15.00	12.50
	(Y*(8,L)C/T*8V)*C20	FC64D	21	1630	47.5	36.6	15.00	12.50
	(Y*9C/T*9V)*C16	FC64D	21	1590	47.5	36.4	15.00	12.50

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

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

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

UNIT MODEL	FURNACE MODEL	COIL MODEL <sup>1</sup>	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
<b>1 PH HP WITH HIGH EFFICIENCY FURNACES<sup>2</sup></b>									
YZF06013(C)	T*(8,L)X*C16	FC/MC62D	21	1	1115	46.5	29.8	15.00	20.80
				2	1610	55.5	39.0		11.65
	T*9X*C16	FC/MC62D	21	1	1085	46.5	29.8	15.00	20.80
				2	1550	55.5	39.0		11.60
	T*9X*C20	FC/MC62D	21	1	1220	47.5	31.2	15.00	20.35
				2	1595	55.5	38.5		11.70
	T*9X*D20	FC/MC62D	24	1	1240	48.0	31.4	15.00	20.50
				2	1610	55.0	38.5		11.50
	(Y*(8,L)C/T*8V)*C16	FC/MC62D	21	1	1025	46.5	29.8	15.00	20.80
				2	1635	55.5	38.5		11.45
	(Y*(8,L)C/T*8V)*C20	FC/MC62D	21	1	1060	46.5	29.8	15.00	20.80
				2	1620	55.5	39.0		11.60
	(Y*9C/T*9V)*C16	FC/MC62D	21	1	1040	46.5	29.8	15.00	20.80
				2	1590	55.5	38.5		11.40
	(Y*9C/T*9V)*C20	FC/MC62D	21	1	1040	46.5	29.8	15.00	20.80
				2	1655	55.0	38.5		11.25
	(Y*9C/T*9V)*D20	FC/MC62D	24	1	1085	46.5	29.8	15.00	20.80
				2	1630	55.5	38.5		11.35
	T*(8,L)X*C16	FC64D	21	1	1115	48.0	31.2	15.00	21.60
				2	1610	57.0	40.0		11.90
	T*(8,L)X*C20	FC64D	21	1	835	45.0	28.0	15.00	20.35
				2	1665	57.5	40.5		12.00
	T*9X*C16	FC64D	21	1	1085	48.0	31.2	15.00	21.60
				2	1550	57.0	40.0		11.85
	T*9X*C20	FC64D	21	1	1220	49.5	32.6	15.00	21.10
				2	1595	57.0	40.0		12.00
	T*9X*D20	FC64D	24	1	1240	49.5	32.8	15.00	21.25
				2	1610	57.0	40.0		11.85
	(Y*(8,L)C/T*8V)*C16	FC64D	21	1	1025	48.0	31.2	15.00	21.60
				2	1635	57.0	40.0		11.75
(Y*(8,L)C/T*8V)*C20	FC64D	21	1	1060	48.0	31.2	15.00	21.60	
			2	1630	57.0	40.0		11.85	
(Y*9C/T*9V)*C16	FC64D	21	1	1040	48.0	31.2	15.00	21.60	
			2	1590	57.0	40.0		11.70	
(Y*9C/T*9V)*C20	FC64D	21	1	1040	48.0	31.2	15.00	21.60	
			2	1655	56.5	40.0		11.50	
(Y*9C/T*9V)*D20	FC64D	24	1	1085	48.0	31.2	15.00	21.60	
			2	1630	57.0	40.0		11.65	

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

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

## HEATING PERFORMANCE - With Air Handler

UNIT MODEL*	AIR HANDLER	COIL <sup>1</sup> MODEL	ARI HEATING <sup>2</sup>							
			RATED CFM	47°F			17°F			HSPF
				MBH	COP	KW	MBH	COP	KW	STD
<b>1 PH HP WITH MV - VARIABLE SPEED</b>										
YZF02413(C)	MV12B	FC/MC35B	800	24.0	3.82	1.84	15.0	2.54	1.73	8.50
	MV12B	FC/MC43B	800	24.0	4.02	1.76	14.9	2.70	1.62	9.00
YZF03013(C)	MV12B	FC/MC43B	1000	29.6	3.94	2.20	19.1	2.74	2.04	9.00
	MV16C	FC/MC43C	1000	29.6	3.96	2.19	19.0	2.76	2.02	9.00
YZF03613(C)	MV12D	FC/MC48D	1160	36.0	3.98	2.65	23.2	2.80	2.43	9.00
			1000	36.0	3.40	3.29	23.2	2.80	2.43	9.00
	MV16C	FC/MC48C	1200	36.0	3.92	2.71	23.4	2.76	2.48	9.00
			1000	36.0	3.40	3.35	23.4	2.76	2.48	9.00
	MV12D	FC/MC60D	1135	36.0	4.10	2.60	23.2	2.86	2.38	9.00
			1000	36.0	3.40	3.24	23.2	2.86	2.38	9.00
YZF04213(C)	MV20D	FC/MC62D	1400	37.8	3.86	2.87	25.2	2.68	2.76	9.00
			1020	37.1	3.63	2.75	25.2	2.68	2.76	8.78
YZF04813(C)	MV20D	FC/MC62D	1630	48.0	3.78	3.91	33.6	2.70	3.65	9.00
			1000	48.0	3.29	4.38	33.6	2.70	3.65	9.00
	MV20D	FC64D	1630	48.0	3.94	3.79	34.0	2.78	3.58	9.00
			1000	48.0	3.45	4.26	34.0	2.78	3.58	9.00
<b>1 PH HP WITH AV / SV / F*FV - VARIABLE SPEED</b>										
YZF02413(C)	AV*36	-	725	23.8	3.92	1.78	14.8	2.66	1.63	9.00
			505*							
YZF03013(C)	AV*36	-	960	29.4	4.02	2.14	18.9	2.80	1.98	9.00
			725	28.9	3.75	2.26	18.9	2.80	1.98	9.00
YZF03613(C)	AV*48	-	1220	36.0	4.20	2.55	23.2	2.92	2.33	9.00
			960	36.0	3.40	3.19	23.2	2.92	2.33	9.00
<b>1 PH HP WITH AHP / SHP / AHX / F*FP</b>										
YZF02413(C)	AHX30	-	835	24.0	3.88	1.83	15.1	2.56	1.73	8.50
			618	23.8	3.63	1.92	15.1	2.56	1.73	8.50
	AHX36	-	820	24.0	3.90	1.82	15.1	2.62	1.69	8.50
			600	23.8	3.65	1.91	15.1	2.62	1.69	8.50
	F6FP030	-	850	24.0	3.82	1.86	15.2	2.54	1.75	8.50
			855	24.0	3.90	1.80	15.1	2.58	1.71	8.50
YZF03013(C)	AHX36	-	1005	29.6	4.00	2.17	19.0	2.78	2.00	9.00
			755	29.1	3.73	2.28	19.0	2.78	2.00	9.00
YZF03613(C)	AHX42	-	1200	36.0	4.00	2.65	23.2	2.80	2.43	9.00
			1000	36.0	3.40	3.29	23.2	2.80	2.43	9.00
	AHX48	-	1255	36.0	4.08	2.60	23.2	2.82	2.41	9.00
			1080	36.0	3.40	3.24	23.2	2.82	2.41	9.00
	F6FP042	-	1290	36.0	4.06	2.64	23.4	2.80	2.45	9.00
			1125	36.0	4.12	2.57	23.0	2.90	2.32	9.00
YZF04213(C)	AHX60	-	1440	37.8	3.88	2.85	25.6	2.72	2.76	9.00
			1040	37.1	3.65	2.73	25.6	2.72	2.76	8.78
F6FP060	-	1475	38.0	3.86	2.88	25.4	2.68	2.78	9.00	
		1570	48.0	3.82	3.84	33.4	2.72	3.60	9.00	
YZF04813(C)	AHX60	-	985	48.0	3.33	4.30	33.4	2.72	3.60	9.00
			1570	48.0	3.82	3.84	33.4	2.72	3.60	9.00
	F6FP060	-	1570	48.0	3.82	3.84	33.4	2.72	3.60	9.00

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.

\* Notates "Hot Heat Pump" performance. These ratings are not AHRI Listed.

CP 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 CAPACITY - With Air Handler Coils**

UNIT MODEL	AIR HANDLER MODEL	COIL <sup>1</sup> MODEL	ARI HEATING <sup>2</sup>					
			STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
					47 OD	17 OD		
<b>1 PH HP WITH MV - VARIABLE SPEED</b>								
YZF06013C	MV20D	FC/MC62D	1	1075	41.5	—	—	3.42
			2	1630	58.0	38.0	9.00	3.72
			2	1075	57.5	38.5	9.00	3.24
	MV20D	FC64D	1	1075	42.0	—	—	3.52
			2	1630	58.0	38.0	9.00	3.82
			2	1075	58.0	38.5	9.00	3.32
<b>1 PH HP WITH AHP/ SHP / AHX / F*FP</b>								
YZF06013C	AHX60	—	1	1255	42.5	—	—	3.56
			2	1930	58.0	38.5	9.00	3.80
			2	1255	58.0	38.5	9.00	3.40

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

1. 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.
- CP 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 CAPACITY - With High Efficiency Motor Furnaces**

MODEL	FURNACE MODEL	COIL <sup>1</sup> MODEL	ARI HEATING <sup>2</sup>							
			RATED CFM	47°F			17°F			HSPF STD
				MBH	COP	KW	MBH	COP	KW	
<b>1 PH HP WITH VARIABLE SPEED FURNACES<sup>3</sup></b>										
YZF02413(C)	T*(8,L)X*A12	FC/MC/PC32A	800	23.8	3.92	1.78	14.9	2.60	1.68	8.50
			530	23.3	3.67	1.87	14.9	2.60	1.68	8.50
	(Y*(8,L)C/T*8V)*A12	FC/MC/PC32A	755	24.0	3.76	1.87	15.1	2.52	1.76	8.50
			590	23.8	3.51	1.96	15.1	2.52	1.76	8.50
	T*(8,L)X*B12	FC/MC/PC35B	850	24.0	3.98	1.77	14.9	2.62	1.67	8.50
			675	23.8	3.73	1.86	14.9	2.62	1.67	8.50
	T*(8,L)X*C16	FC/MC/PC35C	865	24.0	3.98	1.77	14.9	2.62	1.67	8.50
			625	23.8	3.73	1.86	14.9	2.62	1.67	8.50
	T*(8,L)X*C20	FC/MC/PC35C	885	24.0	3.92	1.79	15.0	2.60	1.69	8.50
	T*9X*B12	FC/MC/PC35B	785	23.8	3.84	1.82	15.0	2.56	1.72	8.50
			620	23.6	3.59	1.91	15.0	2.56	1.72	8.50
	T*9X*C16	FC/MC/PC35C	765	23.8	3.80	1.84	15.0	2.54	1.73	8.50
			610	23.3	3.55	1.93	15.0	2.54	1.73	8.50
	T*9X*C20	FC/MC/PC35C	825	24.0	3.94	1.78	15.0	2.60	1.69	8.50
	(Y*(8,L)C/T*8V)*B12	FC/MC/PC35B	785	24.0	3.80	1.85	15.1	2.52	1.76	8.50
			515	23.8	3.55	1.94	15.1	2.52	1.76	8.50
	(Y*(8,L)C/T*8V)*C16	FC/MC/PC35C	775	23.8	3.80	1.84	15.0	2.54	1.73	8.50
	(Y*(8,L)C/T*8V)*C20	FC/MC/PC35C	755	23.8	3.78	1.84	15.0	2.52	1.74	8.50
(Y*9C/T*9V)*B12	FC/MC/PC35B	815	24.0	3.86	1.84	15.1	2.56	1.73	8.50	
		550	23.8	3.61	1.93	15.1	2.56	1.73	8.50	

For Notes See Page 12.

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

MODEL	FURNACE MODEL	COIL <sup>1</sup> MODEL	ARI HEATING <sup>2</sup>							
			RATED CFM	47°F			17°F			HSPF STD
				MBH	COP	KW	MBH	COP	KW	
YZF02413(C)	(Y*9C/T*9V)*C16	FC/MC/PC35C	900	24.0	3.92	1.81	15.1	2.56	1.73	8.50
			645	23.8	3.67	1.90	15.1	2.56	1.73	8.50
	(Y*9C/T*9V)*C20	FC/MC/PC35C	755	23.8	3.78	1.84	15.0	2.52	1.74	8.50
			T*(8,L)X*A12	FC/MC/PC37A	840	24.0	4.08	1.72	14.8	2.74
	640	23.8			3.83	1.81	14.8	2.74	1.58	9.00
	(Y*(8,L)C/T*8V)*A12	FC/MC/PC37A	765	24.0	3.90	1.80	15.0	2.62	1.68	8.50
			585	23.8	3.65	1.89	15.0	2.62	1.68	8.50
	T*(8,L)X*B12	FC/MC/PC43B	865	24.0	4.10	1.72	14.8	2.74	1.58	9.00
			700	23.8	3.85	1.81	14.8	2.74	1.58	9.00
	T*(8,L)X*C16	FC/MC/PC43C	855	24.0	4.10	1.72	14.8	2.74	1.58	9.00
			655	23.8	3.85	1.81	14.8	2.74	1.58	9.00
	T*(8,L)X*C20	FC/MC/PC43C	815	24.0	4.06	1.73	14.9	2.72	1.61	9.00
			(Y*(8,L)C/T*8V)*B12	FC/MC/PC43B	790	24.0	3.92	1.79	15.0	2.64
	515	23.8			3.67	1.88	15.0	2.64	1.66	9.00
	(Y*(8,L)C/T*8V)*C16	FC/MC/PC43C	770	24.0	3.92	1.79	14.9	2.64	1.65	9.00
			645	23.8	3.67	1.88	14.9	2.64	1.65	9.00
	(Y*(8,L)C/T*8V)*C20	FC/MC/PC43C	740	23.8	3.88	1.80	14.9	2.62	1.67	9.00
			(Y*9C/T*9V)*B12	FC/MC/PC43B	800	24.0	3.98	1.78	15.0	2.66
	550	23.8			3.73	1.87	15.0	2.66	1.65	8.50
	(Y*9C/T*9V)*C16	FC/MC/PC43C	810	24.0	4.02	1.76	14.9	2.68	1.63	9.00
(Y*9C/T*9V)*C20	FC/MC/PC43C	890	24.0	4.04	1.77	15.0	2.66	1.65	9.00	
YZF03013(C)	T*(8,L)X*A12	FC/MC/PC37A	1090	30.0	4.06	2.17	19.2	2.80	2.01	9.00
			605	29.5	3.79	2.28	19.2	2.80	2.01	9.00
	Y*(8,L)C*A12	FC/MC/PC37A	950	29.6	3.86	2.25	19.2	2.70	2.08	9.00
			630	29.1	3.59	2.36	19.2	2.70	2.08	9.00
	T*(8,L)X*B12	FC/MC/PC43B	1090	30.0	4.06	2.17	19.2	2.80	2.01	9.00
			660	29.5	3.79	2.28	19.2	2.80	2.01	9.00
	T*(8,L)X*C16	FC/MC/PC43C	955	29.4	3.96	2.18	18.9	2.78	1.99	9.00
			710	28.9	3.69	2.29	18.9	2.78	1.99	9.00
	T*(8,L)X*C20	FC/MC/PC43C	870	29.0	3.86	2.20	18.8	2.76	2.00	9.00
			780	28.5	3.59	2.31	18.8	2.76	2.00	9.00
	T*9X*B12	FC/MC/PC43B	1095	29.8	4.08	2.14	19.2	2.80	2.01	9.00
			775	29.3	3.81	2.25	19.2	2.80	2.01	9.00
	T*9X*C16	FC/MC/PC43C	1055	29.8	4.10	2.13	19.1	2.82	1.98	9.00
			695	29.3	3.83	2.24	19.1	2.82	1.98	9.00
	(Y*(8,L)C/T*8V)*B12	FC/MC/PC43B	1045	29.8	3.92	2.23	19.2	2.74	2.05	9.00
			715	29.3	3.65	2.34	19.2	2.74	2.05	9.00
	(Y*(8,L)C/T*8V)*C16	FC/MC/PC43C	1035	29.6	4.00	2.17	19.0	2.78	2.00	9.00
			695	29.1	3.73	2.28	19.0	2.78	2.00	9.00
	(Y*(8,L)C/T*8V)*C20	FC/MC/PC43C	1025	29.4	4.04	2.13	18.9	2.80	1.98	9.00
			690	28.9	3.77	2.25	18.9	2.80	1.98	9.00
(Y*9C/T*9V)*B12	FC/MC/PC43B	1035	30.0	3.88	2.27	19.3	2.70	2.09	9.00	
		670	29.5	3.61	2.38	19.3	2.70	2.09	9.00	
(Y*9C/T*9V)*C16	FC/MC/PC43C	1030	29.8	3.92	2.23	19.2	2.74	2.05	9.00	
		680	29.3	3.65	2.34	19.2	2.74	2.05	9.00	
(Y*9C/T*9V)*C20	FC/MC/PC43C	995	29.6	3.94	2.20	19.1	2.74	2.04	9.00	
		675	29.1	3.67	2.31	19.1	2.74	2.04	9.00	

For Notes See Page 12.

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

MODEL	FURNACE MODEL	COIL <sup>1</sup> MODEL	ARI HEATING <sup>2</sup>							
			RATED CFM	47°F			17°F			HSPF
				MBH	COP	KW	MBH	COP	KW	STD
YZF03613(C)	T*(8,L)X*C16	FC/MC/PC48C	1185	36.0	3.98	2.65	23.2	2.80	2.43	9.00
			1000	36.0	3.38	3.29	23.2	2.80	2.43	9.00
	T*(8,L)X*C20	FC/MC/PC48C	1270	36.0	4.04	2.63	23.4	2.82	2.43	9.00
			1000	36.0	3.44	3.27	23.4	2.82	2.43	9.00
	T*9X*C16	FC/MC/PC48C	1280	36.0	3.98	2.68	23.4	2.78	2.47	9.00
			1000	36.0	3.38	3.32	23.4	2.78	2.47	9.00
	T*9X*C20	FC/MC/PC48C	1205	36.0	3.92	2.71	23.4	2.74	2.50	9.00
			1000	36.0	3.32	3.35	23.4	2.74	2.50	9.00
	T*9X*D20	FC/MC/PC48D	1240	36.0	4.02	2.65	23.4	2.80	2.45	9.00
			1000	36.0	3.42	3.29	23.4	2.80	2.45	9.00
	(Y*(8,L)C/T*8V)*C16	FC/MC/PC48C	1195	36.0	3.90	2.72	23.4	2.74	2.50	9.00
			1000	36.0	3.30	3.36	23.4	2.74	2.50	9.00
	(Y*(8,L)C/T*8V)*C20	FC/MC/PC48C	1150	36.0	3.92	2.71	23.4	2.76	2.48	9.00
			1000	36.0	3.32	3.35	23.4	2.76	2.48	9.00
	(Y*9C/T*9V)*D20	FC/MC/PC48D	1240	36.0	3.96	2.69	23.4	2.76	2.48	9.00
			1000	36.0	3.36	3.33	23.4	2.76	2.48	9.00
	T*(8,L)X*C16	FC/PC60C	1190	36.0	4.16	2.55	23.0	2.92	2.31	9.00
			1000	36.0	3.56	3.19	23.0	2.92	2.31	9.00
	T*(8,L)X*C20	FC/PC60C	1275	36.6	4.22	2.54	23.2	2.92	2.33	9.00
			1000	36.0	3.62	3.18	23.2	2.92	2.33	9.00
	T*9X*C16	FC/PC60C	1315	36.0	4.20	2.57	23.2	2.86	2.38	9.00
			1000	36.0	3.60	3.21	23.2	2.86	2.38	9.00
	T*9X*C20	FC/PC60C	1240	36.0	4.18	2.57	23.2	2.90	2.34	9.00
			1000	36.0	3.58	3.21	23.2	2.90	2.34	9.00
	T*9X*D20	FC/MC/PC60D	1310	36.0	4.28	2.51	23.0	2.92	2.31	9.00
			1000	36.0	3.68	3.15	23.0	2.92	2.31	9.00
	(Y*(8,L)C/T*8V)*C16	FC/PC60C	1185	36.0	4.12	2.59	23.2	2.88	2.36	9.00
			1000	36.0	3.52	3.23	23.2	2.88	2.36	9.00
	(Y*(8,L)C/T*8V)*C20	FC/PC60C	1215	36.0	4.14	2.59	23.2	2.88	2.36	9.00
			1000	36.0	3.54	3.23	23.2	2.88	2.36	9.00
	(Y*9C/T*9V)*D20	FC/MC/PC60D	1225	36.0	4.12	2.62	23.4	2.86	2.40	9.00
			1000	36.0	3.52	3.26	23.4	2.86	2.40	9.00
	T*(8,L)X*C16	UC48C	1185	36.0	4.16	2.55	23.0	2.90	2.32	9.00
			1000	36.0	3.56	3.19	23.0	2.90	2.32	9.00
	T*(8,L)X*C20	UC48C	1270	36.0	4.16	2.56	23.2	2.90	2.34	9.00
			1000	36.0	3.56	3.20	23.2	2.90	2.34	9.00
	T*9X*C16	UC48C	1280	36.0	4.10	2.62	23.4	2.86	2.40	9.00
			1000	36.0	3.50	3.26	23.4	2.86	2.40	9.00
	T*9X*C20	UC48C	1205	36.0	4.08	2.61	23.2	2.86	2.38	9.00
			1000	36.0	3.48	3.25	23.2	2.86	2.38	9.00
	T*9X*D20	UC48D	1240	36.0	4.10	2.60	23.2	2.86	2.38	9.00
			1000	36.0	3.50	3.24	23.2	2.86	2.38	9.00
(Y*(8,L)C/T*8V)*C16	UC48C	1210	36.0	4.06	2.63	23.4	2.84	2.41	9.00	
		1000	36.0	3.46	3.27	23.4	2.84	2.41	9.00	
(Y*(8,L)C/T*8V)*C20	UC48C	1155	36.0	4.10	2.60	23.2	2.86	2.38	9.00	
		1000	36.0	3.50	3.24	23.2	2.86	2.38	9.00	
T*(8,L)X*C16	UC60C	1190	36.0	4.16	2.55	22.8	2.86	2.34	9.00	
		1000	36.0	3.56	3.19	22.8	2.86	2.34	9.00	
T*(8,L)X*C20	UC60C	1275	36.0	4.16	2.56	23.0	2.86	2.36	9.00	
		1000	36.0	3.56	3.20	23.0	2.86	2.36	9.00	
T*9X*C16	UC60C	1300	36.0	4.14	2.59	23.0	2.84	2.37	9.00	
		1000	36.0	3.54	3.23	23.0	2.84	2.37	9.00	

For Notes See Page 12.

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

MODEL	FURNACE MODEL	COIL <sup>1</sup> MODEL	ARI HEATING <sup>2</sup>							
			RATED CFM	47°F			17°F			HSPF
				MBH	COP	KW	MBH	COP	KW	
YZF03613(C)	T*9X*C20	UC60C	1240	36.0	4.08	2.61	23.0	2.82	2.39	9.00
			1000	36.0	3.48	3.25	23.0	2.82	2.39	9.00
	T*9X*D20	UC60D	1310	36.0	4.22	2.53	23.0	2.88	2.34	9.00
			1000	36.0	3.62	3.17	23.0	2.88	2.34	9.00
	(Y*(8,L)C/T*8V)*C16	UC60C	1195	36.0	4.08	2.61	23.0	2.82	2.39	9.00
			1000	36.0	3.48	3.25	23.0	2.82	2.39	9.00
(Y*(8,L)C/T*8V)*C20	UC60C	1215	36.0	4.06	2.63	23.0	2.82	2.39	9.00	
		1000	36.0	3.46	3.27	23.0	2.82	2.39	9.00	
YZF04213(C)	T*(8,L)X*C16	FC/MC62D	1360	37.6	3.86	2.85	25.2	2.70	2.73	9.00
			1020	36.9	3.63	2.73	25.2	2.70	2.73	8.78
	T*(8,L)X*C20	FC/MC62D	1485	37.8	3.90	2.84	25.2	2.70	2.73	9.00
			1020	37.1	3.67	2.72	25.2	2.70	2.73	8.78
	T*9X*C16	FC/MC62D	1460	38.0	3.86	2.88	25.4	2.66	2.80	8.50
			1020	37.3	3.63	2.76	25.4	2.66	2.80	8.28
	T*9X*C20	FC/MC62D	1460	37.8	3.90	2.84	25.2	2.70	2.73	9.00
			1020	37.1	3.67	2.72	25.2	2.70	2.73	8.78
	T*9X*D20	FC/MC62D	1425	37.8	3.90	2.84	25.2	2.70	2.73	9.00
			1020	37.1	3.67	2.72	25.2	2.70	2.73	8.78
	(Y*(8,L)C/T*8V)*C16	FC/MC62D	1420	38.0	3.82	2.91	25.6	2.64	2.84	8.50
			1020	37.3	3.59	2.79	25.6	2.64	2.84	8.28
	(Y*(8,L)C/T*8V)*C20	FC/MC62D	1365	37.8	3.80	2.91	25.4	2.64	2.82	8.50
			1020	37.1	3.57	2.79	25.4	2.64	2.82	8.28
(Y*9C/T*9V)*D20	FC/MC62D	1455	38.0	3.82	2.91	25.6	2.64	2.84	8.50	
		1020	37.3	3.59	2.79	25.6	2.64	2.84	8.28	
YZF04813(C)	T*(8,L)X*C20	FC/MC62D	1665	48.0	3.84	3.89	33.8	2.70	3.67	9.00
			1200	48.0	3.43	4.29	33.8	2.70	3.67	9.00
	T*9X*C20	FC/MC62D	1595	48.0	3.76	3.94	33.6	2.68	3.67	9.00
			1200	48.0	3.35	4.34	33.6	2.68	3.67	9.00
	T*(8,L)X*C16	FC64D	1610	48.0	3.90	3.83	34.2	2.76	3.63	9.00
			1000	48.0	3.41	4.29	34.2	2.76	3.63	9.00
	T*(8,L)X*C20	FC64D	1665	48.0	3.92	3.81	34.0	2.76	3.61	9.00
			1200	48.0	3.51	4.21	34.0	2.76	3.61	9.00
	T*9X*C16	FC64D	1550	48.0	3.88	3.85	34.2	2.74	3.66	9.00
			1000	48.0	3.39	4.31	34.2	2.74	3.66	9.00
	T*9X*C20	FC64D	1595	48.0	3.92	3.81	34.0	2.76	3.61	9.00
			1200	48.0	3.51	4.21	34.0	2.76	3.61	9.00
	T*9X*D20	FC64D	1610	48.0	3.88	3.85	34.2	2.74	3.66	9.00
			1200	48.0	3.47	4.25	34.2	2.74	3.66	9.00
	(Y*(8,L)C/T*8V)*C16	FC64D	1635	48.0	3.86	3.87	34.4	2.72	3.71	9.00
			1000	48.0	3.37	4.33	34.4	2.72	3.71	9.00
	(Y*(8,L)C/T*8V)*C20	FC64D	1630	48.0	3.88	3.85	34.2	2.74	3.66	9.00
			1000	48.0	3.39	4.31	34.2	2.74	3.66	9.00
(Y*9C/T*9V)*C16	FC64D	1590	48.0	3.84	3.93	34.4	2.72	3.71	9.00	
		1000	48.0	3.35	4.39	34.4	2.72	3.71	9.00	

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

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

\* Notates "Hot Heat Pump" performance. These ratings are not AHRI Listed.

CP 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 CAPACITY - With High Efficiency Motor Furnaces

UNIT MODEL	FURNACE MODEL	COIL MODEL <sup>1</sup>	HEATING <sup>2</sup>					
			STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
					47 OD	17 OD		
<b>1 PH HP WITH HIGH EFFICIENCY FURNACES<sup>3</sup></b>								
YZF06013(C)	T*(8,L)X*C16	FC/MC62D	1	1115	41.5	–	–	3.38
			2	1610	58.0	38.0	9.00	3.68
			2	1115	57.5	38.5	9.00	3.20
	T*9X*C16	FC/MC62D	1	1085	42.0	–	–	3.38
			2	1550	58.0	38.5	9.00	3.68
			2	1085	57.5	38.5	9.00	3.20
	T*9X*C20	FC/MC62D	1	1220	42.5	–	–	3.52
			2	1595	58.0	38.0	9.00	3.68
			2	1220	58.0	38.5	9.00	3.38
	T*9X*D20	FC/MC62D	1	1240	42.5	–	–	3.54
			2	1610	58.0	38.5	9.00	3.66
			2	1240	58.0	38.5	9.00	3.40
	(Y*(8,L)C/T*8V)*C16	FC/MC62D	1	1025	41.5	–	–	3.38
			2	1635	58.0	38.5	9.00	3.66
			2	1025	57.5	38.5	9.00	3.20
	(Y*(8,L)C/T*8V)*C20	FC/MC62D	1	1060	42.0	–	–	3.38
			2	1620	58.0	38.5	9.00	3.68
			2	1060	57.5	38.5	9.00	3.20
	(Y*9C/T*9V)*C16	FC/MC62D	1	1040	42.0	–	–	3.36
			2	1590	58.0	38.5	9.00	3.64
			2	1040	57.5	38.5	9.00	3.20
	(Y*9C/T*9V)*C20	FC/MC62D	1	1040	42.0	–	–	3.36
			2	1655	58.0	38.5	9.00	3.62
			2	1040	57.5	38.5	9.00	3.20
	(Y*9C/T*9V)*D20	FC/MC62D	1	1085	42.0	–	–	3.36
			2	1630	58.0	38.5	9.00	3.64
			2	1085	57.5	38.5	9.00	3.20
	T*(8,L)X*C16	FC64D	1	1115	42.5	–	–	3.48
			2	1610	58.0	38.5	9.00	3.80
			2	1115	58.0	39.0	9.00	3.30
	T*(8,L)X*C20	FC64D	1	835	41.0	–	–	3.16
			2	1665	58.0	38.5	9.00	3.84
			2	835	56.5	39.0	8.75	2.92
	T*9X*C16	FC64D	1	1085	42.5	–	–	3.48
			2	1550	58.0	38.5	9.00	3.78
			2	1085	58.0	39.0	9.00	3.30
	T*9X*C20	FC64D	1	1220	42.5	–	–	3.60
			2	1595	58.0	38.5	9.00	3.78
			2	1220	58.0	39.0	9.00	3.48
	T*9X*D20	FC64D	1	1240	42.5	–	–	3.64
			2	1610	58.0	38.5	9.00	3.76
			2	1240	58.0	39.0	9.00	3.48
	(Y*(8,L)C/T*8V)*C16	FC64D	1	1025	42.5	–	–	3.48
			2	1635	58.0	38.5	9.00	3.76
			2	1025	58.0	39.0	9.00	3.30

For Notes, See Page 16.

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

UNIT MODEL	FURNACE MODEL	COIL MODEL <sup>1</sup>	HEATING <sup>2</sup>					
			STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
					47 OD	17 OD		
<b>1 PH HP WITH HIGH EFFICIENCY FURNACES<sup>3</sup></b>								
YZF06013(C)	(Y*(8,L)C/T*8V)*C20	FC64D	1	1060	42.5	—	—	3.48
			2	1630	58.0	38.5	9.00	3.78
			2	1060	58.0	39.0	9.00	3.30
	(Y*9C/T*9V)*C16	FC64D	1	1040	42.5	—	—	3.46
			2	1590	58.0	38.5	9.00	3.74
			2	1040	58.0	39.0	9.00	3.28
	(Y*9C/T*9V)*C20	FC64D	1	1040	42.5	—	—	3.46
			2	1655	58.0	39.0	9.00	3.72
			2	1040	58.0	39.0	9.00	3.28
	(Y*9C/T*9V)*D20	FC64D	1	1085	42.5	—	—	3.46
			2	1630	58.0	38.5	9.00	3.74
			2	1085	58.0	39.0	9.00	3.28

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

CP 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\***

**TXV Kits** - 1TVM9 series thermal expansion valves precisely meter refrigerant for optimum performance.

**Bonnet Sensor (2SB13700124)** - The bonnet sensor is used to sense plenum temperature, and is optional with a gas or oil back-up heat source. Compatible only with 13 SEER and higher heat pumps.

**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.

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

**SOUND POWER RATINGS\***

UNIT MODEL	(dBA)	
	Cooling	Heating
024	71.0	71.5
030	71.2	70.8
036	71.5	68.1
042	71.4	69.8
048	71.3	71.5
060	69.8	71.8

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

<b>COOLING PERFORMANCE DATA</b>																
<b>OUTDOOR UNIT MODEL NO.</b>		<b>YZF02413(C)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>AHX30</b>														
<b>CONDENSER ENTERING AIR TEMPERATURE</b>	ID CFM	635					835					1035				
	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.	21.7	24.2	24.1	26.2	28.4	23.9	25.3	25.2	27.3	29.5	26.1	26.4	26.3	28.5	30.5
	S.C.	21.7	20.6	17.8	17.8	14.8	23.9	23.6	19.7	19.6	15.7	26.1	26.4	21.7	21.4	16.6
	K.W.	1.19	1.19	1.19	1.19	1.19	1.26	1.26	1.27	1.27	1.27	1.34	1.34	1.34	1.35	1.35
75	T.C.	21.2	23.2	23.1	25.1	27.2	23.1	24.2	24.0	26.1	28.2	25.1	25.1	25.0	27.2	29.3
	S.C.	21.2	20.1	17.3	17.3	14.4	23.1	22.8	19.2	19.1	15.3	25.1	25.1	21.2	20.9	16.2
	K.W.	1.36	1.36	1.36	1.36	1.37	1.43	1.44	1.44	1.44	1.45	1.51	1.51	1.51	1.52	1.53
85	T.C.	20.6	22.1	22.1	24.0	26.0	22.3	23.0	22.9	24.9	27.0	24.1	23.9	23.8	25.9	28.0
	S.C.	20.6	19.6	16.8	16.8	13.9	22.3	22.0	18.8	18.6	14.9	24.1	23.9	20.7	20.4	15.8
	K.W.	1.52	1.53	1.53	1.54	1.55	1.61	1.61	1.61	1.62	1.63	1.69	1.69	1.69	1.70	1.71
95	T.C.	20.0	21.1	21.0	23.0	24.8	21.5	21.9	21.8	23.8	25.7	23.1	22.6	22.5	24.5	26.7
	S.C.	20.0	19.2	16.4	16.3	13.4	21.5	21.3	18.3	18.1	14.4	23.1	22.6	20.2	19.8	15.4
	K.W.	1.69	1.70	1.70	1.71	1.72	1.78	1.78	1.78	1.79	1.81	1.86	1.86	1.86	1.87	1.89
105	T.C.	19.1	19.8	19.8	21.6	23.4	20.5	20.7	20.4	22.3	24.1	21.8	21.6	21.1	23.0	24.9
	S.C.	19.1	18.6	15.8	15.7	12.8	20.5	20.5	17.7	17.5	13.7	21.8	21.6	19.6	19.3	14.7
	K.W.	1.90	1.90	1.90	1.92	1.93	1.98	1.99	1.98	2.00	2.01	2.07	2.07	2.06	2.08	2.10
115	T.C.	18.1	18.6	18.6	20.3	21.9	19.4	19.6	19.1	20.8	22.5	20.6	20.6	19.6	21.4	23.1
	S.C.	18.1	18.1	15.3	15.0	12.2	19.4	19.6	17.1	16.9	13.1	20.6	20.6	19.0	18.7	13.9
	K.W.	2.11	2.11	2.11	2.12	2.14	2.19	2.19	2.19	2.20	2.22	2.28	2.28	2.27	2.29	2.30
125	T.C.	17.2	17.3	17.4	18.9	20.5	18.3	18.5	17.8	19.4	20.9	19.4	19.6	18.2	19.8	21.4
	S.C.	17.2	17.3	14.8	14.4	11.6	18.3	18.5	16.6	16.3	12.4	19.4	19.6	18.2	18.2	13.2
	K.W.	2.32	2.31	2.32	2.33	2.34	2.40	2.40	2.39	2.41	2.43	2.49	2.49	2.47	2.49	2.51

**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.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	T.C.	S.C.	KW
AHX36	–	1.01	1.00	1.08
AV*36	–	1.00	0.96	1.03
F6FP030	–	1.00	0.99	1.07
F6FP036	–	1.00	0.99	1.07
MV12B	FC/MC35B	0.99	0.98	1.06
MV12B	FC/MC43B	1.03	1.03	1.05

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC32A	1.00	0.99	1.03
(Y*(8,L)C/T*8V)*A12	FC/MC/PC32A	0.98	0.96	1.05
T*(8,L)X*B12	FC/MC/PC35B	1.01	1.01	1.04
T*(8,L)X*C16	FC/MC/PC35C	1.01	1.01	1.04
T*(8,L)X*C20	FC/MC/PC35C	1.01	1.00	1.08
T*9X*B12	FC/MC/PC35B	1.00	0.98	1.03
T*9X*C16	FC/MC/PC35C	0.99	0.97	1.06
T*9X*C20	FC/MC/PC35C	1.01	1.00	1.04
(Y*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.99	0.97	1.06
(Y*(8,L)C/T*8V)*C16	FC/MC/PC35C	0.99	0.97	1.06

Furnace	Coil	T.C.	S.C.	KW
(Y*(8,L)C/T*8V)*C20	FC/MC/PC35C	0.99	0.96	1.06
(Y*9C/T*9V)*B12	FC/MC/PC35B	1.00	0.99	1.07
(Y*9C/T*9V)*C16	FC/MC/PC35C	1.01	1.04	1.08
(Y*9C/T*9V)*C20	FC/MC/PC35C	0.99	0.96	1.06
T*(8,L)X*A12	FC/MC/PC37A	1.03	1.03	1.05
(Y*(8,L)C/T*8V)*A12	FC/MC/PC37A	1.00	0.98	1.07
T*(8,L)X*B12	FC/MC/PC43B	1.03	1.03	1.05
T*(8,L)X*C16	FC/MC/PC43C	1.03	1.03	1.05
T*(8,L)X*C20	FC/MC/PC43C	1.03	1.03	1.05
T*9X*B12	FC/MC/PC43B	1.03	1.03	1.05
T*9X*C16	FC/MC/PC43C	1.02	0.99	1.04
T*9X*C20	FC/MC/PC43C	1.01	1.00	1.04
(Y*(8,L)C/T*8V)*B12	FC/MC/PC43B	1.01	0.99	1.08
(Y*(8,L)C/T*8V)*C16	FC/MC/PC43C	1.01	0.98	1.04
(Y*(8,L)C/T*8V)*C20	FC/MC/PC43C	1.00	0.97	1.07
(Y*9C/T*9V)*B12	FC/MC/PC43B	1.02	1.02	1.09
(Y*9C/T*9V)*C16	FC/MC/PC43C	1.02	1.03	1.04
(Y*9C/T*9V)*C20	FC/MC/PC43C	1.03	1.06	1.06

<b>COOLING PERFORMANCE DATA</b>																
<b>OUTDOOR UNIT MODEL NO.</b>		<b>YZF03013(C)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>AHX36</b>														
<b>CONDENSER ENTERING AIR TEMPERATURE</b>	ID CFM	805					1005					1205				
	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.	27.5	29.6	29.7	32.4	35.6	29.4	30.7	30.7	33.7	36.7	31.4	31.8	31.8	35.0	37.9
	S.C.	27.5	25.6	22.0	21.8	17.9	29.4	28.8	24.1	23.9	19.1	31.4	31.8	26.2	26.0	20.4
	K.W.	1.49	1.49	1.49	1.49	1.48	1.56	1.56	1.57	1.56	1.55	1.63	1.63	1.64	1.63	1.62
75	T.C.	26.5	28.3	28.3	31.0	34.0	28.4	29.3	29.3	32.1	35.1	30.2	30.3	30.3	33.3	36.2
	S.C.	26.5	25.0	21.4	21.2	17.3	28.4	27.9	23.5	23.2	18.5	30.2	30.3	25.6	25.3	19.7
	K.W.	1.67	1.67	1.67	1.67	1.67	1.74	1.74	1.75	1.74	1.74	1.82	1.82	1.82	1.82	1.81
85	T.C.	25.5	27.0	27.0	29.6	32.5	27.3	27.9	27.9	30.6	33.5	29.1	28.8	28.7	31.5	34.5
	S.C.	25.5	24.4	20.8	20.6	16.7	27.3	26.9	22.8	22.6	17.9	29.1	28.8	24.9	24.6	19.1
	K.W.	1.85	1.85	1.85	1.85	1.86	1.93	1.93	1.92	1.93	1.93	2.01	2.00	2.00	2.00	2.00
95	T.C.	24.5	25.7	25.7	28.2	31.0	26.2	26.5	26.4	29.0	31.9	27.9	27.3	27.2	29.7	32.8
	S.C.	24.5	23.8	20.1	19.9	16.1	26.2	25.9	22.2	21.9	17.2	27.9	27.3	24.3	23.9	18.4
	K.W.	2.03	2.03	2.03	2.03	2.04	2.11	2.11	2.10	2.11	2.11	2.19	2.18	2.18	2.18	2.18
105	T.C.	23.2	24.0	24.0	26.4	29.0	24.7	25.0	24.7	27.1	29.7	26.2	25.9	25.3	27.7	30.5
	S.C.	23.2	23.0	19.4	19.2	15.3	24.7	24.8	21.5	21.2	16.4	26.2	25.9	23.5	23.1	17.6
	K.W.	2.27	2.27	2.27	2.27	2.28	2.35	2.34	2.34	2.34	2.35	2.42	2.42	2.42	2.42	2.42
115	T.C.	22.0	22.3	22.4	24.6	27.0	23.3	23.4	22.9	25.1	27.6	24.5	24.5	23.4	25.7	28.2
	S.C.	22.0	22.3	18.7	18.4	14.5	23.3	23.4	20.7	20.4	15.6	24.5	24.5	22.7	22.4	16.7
	K.W.	2.51	2.51	2.51	2.51	2.51	2.58	2.58	2.58	2.58	2.58	2.66	2.66	2.66	2.65	2.66
125	T.C.	20.7	20.6	20.7	22.7	25.0	21.8	21.9	21.1	23.2	25.4	22.9	23.1	21.6	23.7	25.9
	S.C.	20.7	20.6	17.9	17.7	13.8	21.8	21.9	19.9	19.6	14.8	22.9	23.1	21.6	21.6	15.8
	K.W.	2.75	2.74	2.74	2.74	2.74	2.82	2.82	2.82	2.82	2.82	2.89	2.89	2.89	2.89	2.89

**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.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	T.C.	S.C.	KW
AV*36	-	1.00	0.98	1.06
MV12B	FC/MC43B	1.00	0.99	1.06
MV16C	FC/MC43C	1.00	1.00	1.06

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*A12	FC/MC/PC37A	1.01	1.05	1.07
(Y*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.99	0.96	1.08
T*(8,L)X*B12	FC/MC/PC43B	1.01	1.05	1.07
T*(8,L)X*C16	FC/MC/PC43C	1.00	0.98	1.06
T*(8,L)X*C20	FC/MC/PC43C	0.98	0.94	1.04
T*9X*B12	FC/MC/PC43B	1.02	1.05	1.08
T*9X*C16	FC/MC/PC43C	1.02	1.05	1.08
(Y*(8,L)C/T*8V)*B12	FC/MC/PC43B	1.00	1.01	1.10
(Y*(8,L)C/T*8V)*C16	FC/MC/PC43C	1.01	1.02	1.07
(Y*(8,L)C/T*8V)*C20	FC/MC/PC43C	1.01	1.02	1.07
(Y*9C/T*9V)*B12	FC/MC/PC43B	1.00	1.00	1.10
(Y*9C/T*9V)*C16	FC/MC/PC43C	1.00	1.01	1.10
(Y*9C/T*9V)*C20	FC/MC/PC43C	1.00	0.99	1.06



<b>COOLING PERFORMANCE DATA</b>																
<b>OUTDOOR UNIT MODEL NO.</b>		<b>YZF03613(C)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>AHX42</b>														
<b>CONDENSER ENTERING AIR TEMPERATURE</b>	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.	34.1	36.2	36.4	39.6	43.0	36.1	37.4	37.5	40.8	44.1	38.1	38.5	38.5	42.0	45.3
	S.C.	34.1	31.2	26.9	26.6	21.7	36.1	34.5	28.9	28.5	22.8	38.1	37.8	30.9	30.3	23.9
	K.W.	1.93	1.93	1.94	1.94	1.95	2.01	2.02	2.02	2.03	2.04	2.10	2.10	2.10	2.13	2.12
75	T.C.	32.9	34.7	34.8	38.0	41.2	34.8	35.7	35.7	38.9	42.2	36.6	36.6	36.7	39.9	43.3
	S.C.	32.9	30.5	26.1	25.8	21.0	34.8	33.4	28.1	27.7	22.1	36.6	36.3	30.1	29.6	23.1
	K.W.	2.20	2.20	2.20	2.21	2.23	2.29	2.29	2.29	2.30	2.32	2.37	2.37	2.37	2.39	2.41
85	T.C.	31.8	33.1	33.2	36.3	39.4	33.5	34.0	34.0	37.1	40.3	35.2	34.8	34.8	37.8	41.2
	S.C.	31.8	29.8	25.4	25.1	20.3	33.5	32.3	27.4	27.0	21.3	35.2	34.7	29.4	28.9	22.4
	K.W.	2.47	2.47	2.47	2.49	2.51	2.56	2.56	2.56	2.57	2.60	2.65	2.64	2.65	2.65	2.69
95	T.C.	30.6	31.5	31.6	34.6	37.6	32.1	32.3	32.3	35.2	38.4	33.7	33.0	33.0	35.8	39.2
	S.C.	30.6	29.1	24.6	24.3	19.6	32.1	31.1	26.6	26.2	20.6	33.7	33.0	28.7	28.2	21.6
	K.W.	2.74	2.74	2.74	2.77	2.79	2.83	2.83	2.83	2.84	2.89	2.92	2.91	2.92	2.90	2.98
105	T.C.	29.0	29.3	29.6	32.4	35.3	30.4	30.4	30.1	32.9	35.9	31.7	31.4	30.6	33.4	36.5
	S.C.	29.0	28.2	23.7	23.4	18.6	30.4	29.9	25.7	25.3	19.7	31.7	31.4	27.7	27.2	20.7
	K.W.	3.06	3.05	3.07	3.05	3.07	3.13	3.12	3.15	3.12	3.16	3.20	3.20	3.23	3.20	3.25
115	T.C.	27.4	27.2	27.6	30.2	33.0	28.6	28.5	27.9	30.6	33.4	29.8	29.8	28.2	31.0	33.9
	S.C.	27.4	27.2	22.8	22.5	17.6	28.6	28.5	24.8	24.4	18.7	29.8	29.8	26.7	26.3	19.7
	K.W.	3.38	3.35	3.40	3.32	3.34	3.43	3.42	3.47	3.41	3.43	3.49	3.49	3.54	3.50	3.52
125	T.C.	25.9	25.0	25.6	28.0	30.7	26.9	26.6	25.7	28.4	30.9	27.9	28.2	25.8	28.7	31.2
	S.C.	25.9	25.0	21.9	21.6	16.7	26.9	26.6	23.8	23.5	17.7	27.9	28.2	25.8	25.4	18.8
	K.W.	3.70	3.65	3.73	3.60	3.62	3.73	3.71	3.79	3.70	3.70	3.77	3.77	3.85	3.79	3.79

**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.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	T.C.	S.C.	KW
AHX48	-	1.01	1.03	1.08
AV*48	-	1.00	1.01	1.08
F6FP042	-	1.00	1.03	1.08
F6FP048	-	0.99	0.97	1.06
MV12D	FC/MC48D	0.99	0.98	1.06
MV16C	FC/MC48C	0.98	0.98	1.06
MV12D	FC/MC60D	0.98	0.97	1.06

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*C16	FC/MC/PC48C	0.99	0.98	1.06
T*(8,L)X*C20	FC/MC/PC48C	1.01	1.02	1.08
T*9X*C16	FC/MC/PC48C	1.00	1.02	1.08
T*9X*C20	FC/MC/PC48C	0.98	0.98	1.06
T*9X*D20	FC/MC/PC48D	1.00	1.02	1.08
(Y*(8,L)C/T*8V)*C16	FC/MC/PC48C	0.98	0.98	1.06
(Y*(8,L)C/T*8V)*C20	FC/MC/PC48C	0.98	0.98	1.06
(Y*9C/T*9V)*D20	FC/MC/PC48D	0.99	1.01	1.07
T*(8,L)X*C16	FC/PC60C	0.99	0.98	1.06
T*(8,L)X*C20	FC/PC60C	1.01	1.03	1.08

Furnace	Coil	T.C.	S.C.	KW
T*9X*C16	FC/PC60C	1.01	1.04	1.08
T*9X*C20	FC/PC60C	1.00	1.02	1.08
T*9X*D20	FC/MC/PC60D	1.01	1.05	1.09
(Y*(8,L)C/T*8V)*C16	FC/PC60C	0.99	0.97	1.06
(Y*(8,L)C/T*8V)*C20	FC/PC60C	0.99	1.00	1.07
(Y*9C/T*9V)*D20	FC/MC/PC60D	0.99	1.00	1.07
T*(8,L)X*C16	UC48C	0.99	0.99	1.06
T*(8,L)X*C20	UC48C	0.99	1.02	1.07
T*9X*C16	UC48C	0.99	1.02	1.06
T*9X*C20	UC48C	0.98	0.98	1.06
T*9X*D20	UC48D	0.98	0.98	1.06
(Y*(8,L)C/T*8V)*C16	UC48C	0.98	0.98	1.06
(Y*(8,L)C/T*8V)*C20	UC48C	0.98	0.98	1.06
T*(8,L)X*C16	UC60C	0.98	0.98	1.06
T*(8,L)X*C20	UC60C	0.99	1.01	1.06
T*9X*C16	UC60C	0.99	1.02	1.06
T*9X*C20	UC60C	0.98	0.97	1.05
T*9X*D20	UC60D	0.99	1.02	1.07
(Y*(8,L)C/T*8V)*C16	UC60C	0.98	0.97	1.05
(Y*(8,L)C/T*8V)*C20	UC60C	0.98	0.97	1.05

<b>COOLING PERFORMANCE DATA</b>																
<b>OUTDOOR UNIT MODEL NO.</b>		<b>YZF04213(C)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>AHX60</b>														
<b>CONDENSER ENTERING AIR TEMPERATURE</b>	ID CFM	1185					1385					1585				
	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.	39.7	42.3	42.3	46.2	50.6	41.4	43.5	43.4	47.5	51.9	43.2	44.7	44.6	48.7	53.3
	S.C.	37.5	33.8	29.1	29.0	24.1	39.1	36.7	31.1	30.8	25.2	40.8	39.6	33.0	32.6	26.2
	K.W.	2.37	2.38	2.37	2.37	2.37	2.45	2.46	2.45	2.45	2.46	2.52	2.53	2.53	2.53	2.54
75	T.C.	38.3	40.4	40.5	44.2	48.4	40.0	41.5	41.5	45.4	49.6	41.8	42.6	42.5	46.5	50.9
	S.C.	36.2	33.1	28.4	28.2	23.2	37.8	35.8	30.3	30.0	24.2	39.4	38.4	32.2	31.9	25.3
	K.W.	2.70	2.70	2.70	2.71	2.72	2.78	2.78	2.78	2.79	2.81	2.86	2.86	2.86	2.88	2.89
85	T.C.	37.0	38.5	38.7	42.2	46.2	38.6	39.4	39.6	43.3	47.3	40.3	40.4	40.4	44.3	48.4
	S.C.	34.9	32.5	27.7	27.4	22.3	36.5	34.9	29.5	29.2	23.3	38.1	37.3	31.4	31.1	24.3
	K.W.	3.02	3.02	3.03	3.05	3.07	3.11	3.11	3.11	3.13	3.16	3.20	3.19	3.19	3.22	3.24
95	T.C.	35.6	36.6	36.9	40.2	44.0	37.2	37.4	37.6	41.2	45.0	38.9	38.2	38.3	42.2	45.9
	S.C.	33.6	31.8	26.9	26.6	21.4	35.2	34.0	28.8	28.4	22.4	36.7	36.1	30.6	30.3	23.4
	K.W.	3.34	3.34	3.36	3.38	3.42	3.44	3.43	3.44	3.48	3.51	3.55	3.52	3.52	3.57	3.60
105	T.C.	33.8	34.4	34.6	37.8	41.5	35.3	35.4	35.1	38.6	42.2	36.8	36.5	35.7	39.3	43.0
	S.C.	31.9	31.0	26.0	25.7	20.5	33.3	32.7	27.8	27.5	21.4	34.8	34.4	29.7	29.3	22.4
	K.W.	3.71	3.64	3.64	3.67	3.71	3.77	3.73	3.73	3.76	3.80	3.83	3.82	3.81	3.85	3.88
115	T.C.	32.0	32.2	32.2	35.4	38.9	33.3	33.4	32.7	35.9	39.5	34.7	34.7	33.1	36.5	40.0
	S.C.	30.2	30.1	25.1	24.8	19.6	31.5	31.4	26.9	26.6	20.5	32.8	32.8	28.7	28.3	21.4
	K.W.	4.07	3.93	3.93	3.96	4.00	4.09	4.02	4.01	4.04	4.08	4.12	4.12	4.09	4.13	4.17
125	T.C.	30.1	30.0	29.8	33.0	36.4	31.4	31.4	30.2	33.3	36.7	32.6	32.9	30.5	33.6	37.1
	S.C.	28.5	29.3	24.1	23.9	18.6	29.6	30.2	26.0	25.6	19.5	30.8	31.1	27.8	27.4	20.4
	K.W.	4.43	4.22	4.21	4.24	4.29	4.42	4.32	4.30	4.32	4.37	4.40	4.41	4.38	4.41	4.45

**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.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	T.C.	S.C.	KW
F6FP060	-	1.01	1.02	1.06
MV20D	FC/MC62D	1.00	1.00	1.05

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*C16	FC/MC62D	1.00	0.99	1.05
T*(8,L)X*C20	FC/MC62D	1.01	1.03	1.06
T*9X*C16	FC/MC62D	1.01	1.02	1.06
T*9X*C20	FC/MC62D	1.01	1.03	1.06
T*9X*D20	FC/MC62D	1.01	1.03	1.06
(Y*(8,L)C/T*8V)*C16	FC/MC62D	1.01	1.02	1.06
(Y*(8,L)C/T*8V)*C20	FC/MC62D	1.00	0.99	1.05
(Y*9C/T*9V)*D20	FC/MC62D	1.01	1.02	1.06

<b>COOLING PERFORMANCE DATA</b>																
<b>OUTDOOR UNIT MODEL NO.</b>		<b>YZF04813(C)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>AHX60</b>														
<b>CONDENSER ENTERING AIR TEMPERATURE</b>	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.	45.7	48.6	48.5	52.9	58.0	47.6	49.7	49.6	54.2	59.4	49.4	50.9	50.8	55.5	60.7
	S.C.	45.7	42.2	36.3	35.9	29.9	47.6	45.2	38.3	37.9	30.9	49.4	48.1	40.3	39.9	32.0
	K.W.	2.57	2.58	2.58	2.59	2.62	2.65	2.66	2.66	2.67	2.71	2.73	2.73	2.73	2.75	2.79
75	T.C.	44.1	46.4	46.3	50.6	55.4	45.8	47.4	47.4	51.7	56.6	47.6	48.4	48.4	52.9	57.8
	S.C.	44.1	41.4	35.3	35.0	28.7	45.8	44.1	37.3	36.9	29.8	47.6	46.9	39.3	38.8	30.8
	K.W.	2.90	2.91	2.91	2.92	2.95	2.98	2.98	2.98	3.00	3.04	3.06	3.06	3.06	3.08	3.12
85	T.C.	42.5	44.3	44.2	48.3	52.8	44.1	45.1	45.1	49.3	53.8	45.7	45.9	45.9	50.3	54.8
	S.C.	42.5	40.5	34.3	34.0	27.5	44.1	43.0	36.3	35.9	28.6	45.7	45.6	38.3	37.8	29.6
	K.W.	3.23	3.24	3.24	3.26	3.29	3.31	3.31	3.31	3.34	3.37	3.39	3.39	3.39	3.42	3.45
95	T.C.	40.9	42.1	42.1	45.9	50.2	42.4	42.7	42.8	46.8	51.0	43.9	43.4	43.5	47.7	51.9
	S.C.	40.9	39.6	33.4	33.0	26.3	42.4	42.0	35.3	34.9	27.4	43.9	43.4	37.3	36.7	28.4
	K.W.	3.56	3.56	3.56	3.59	3.62	3.64	3.64	3.64	3.67	3.70	3.73	3.72	3.72	3.75	3.79
105	T.C.	38.2	38.6	38.6	42.6	46.5	39.6	39.6	39.2	43.1	47.2	41.0	40.6	39.7	43.6	48.0
	S.C.	38.2	37.7	31.8	31.6	24.8	39.6	39.6	33.8	33.4	25.9	41.0	40.6	35.8	35.2	27.0
	K.W.	3.96	3.96	3.96	4.00	4.03	4.05	4.04	4.04	4.07	4.11	4.13	4.13	4.12	4.15	4.19
115	T.C.	35.6	35.1	35.0	39.3	42.8	36.8	36.4	35.5	39.4	43.4	38.0	37.7	36.0	39.6	44.1
	S.C.	35.6	35.1	30.3	30.2	23.3	36.8	36.4	32.3	32.0	24.4	38.0	37.7	34.3	33.8	25.6
	K.W.	4.36	4.36	4.36	4.40	4.44	4.45	4.45	4.44	4.48	4.52	4.54	4.54	4.52	4.55	4.60
125	T.C.	32.9	31.6	31.5	36.0	39.1	34.0	33.3	31.9	35.8	39.6	35.1	34.9	32.3	35.5	40.2
	S.C.	32.9	31.6	28.8	28.8	21.8	34.0	33.3	30.8	30.6	22.9	35.1	34.9	32.3	32.3	24.1
	K.W.	4.77	4.76	4.75	4.81	4.84	4.86	4.85	4.83	4.88	4.93	4.95	4.94	4.92	4.95	5.01

**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.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	T.C.	S.C.	KW
F6FP060	—	0.99	0.99	1.01
MV20D	FC/MC62D	0.99	0.99	1.01
MV20D	FC64D	1.02	1.05	1.01

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)*C20	FC/MC62D	1.00	1.02	1.02
T*9X*C20	FC/MC62D	0.99	0.99	1.01
T*(8,L)*C16	FC64D	1.02	1.04	1.05
T*(8,L)*X*C20	FC64D	1.02	1.05	1.05
T*9X*C16	FC64D	1.01	1.04	1.03
T*9X*C20	FC64D	1.02	1.05	1.05
T*9X*D20	FC64D	1.01	1.04	1.03
(Y*(8,L)C/T*8V)*C16	FC64D	1.01	1.04	1.03
(Y*(8,L)C/T*8V)*C20	FC64D	1.01	1.04	1.03
(Y*9C/T*9V)*C16	FC64D	1.01	1.03	1.03

<b>COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION</b>																
<b>OUTDOOR UNIT MODEL NO.</b>		<b>YZF06013(C)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>AHX60</b>														
<b>CONDENSER ENTERING AIR TEMPERATURE</b>	ID CFM	1055					1255					1455				
	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.	45.5	49.4	49.3	54.2	59.0	48.2	51.4	51.2	56.0	61.0	50.9	53.3	53.0	57.9	63.0
	S.C.	42.4	37.6	32.7	32.6	27.5	44.9	40.8	35.0	34.9	28.8	47.4	44.1	37.4	37.1	30.0
	K.W.	1.57	1.57	1.57	1.57	1.56	1.62	1.62	1.62	1.62	1.61	1.67	1.67	1.67	1.67	1.66
75	T.C.	43.8	47.1	47.0	51.7	56.4	46.3	48.8	48.6	53.4	58.3	48.8	50.4	50.2	55.0	60.1
	S.C.	40.8	36.7	31.7	31.6	26.4	43.1	39.9	34.0	33.8	27.7	45.5	43.1	36.4	36.0	28.9
	K.W.	1.80	1.80	1.80	1.80	1.80	1.85	1.85	1.85	1.85	1.85	1.90	1.90	1.90	1.90	1.90
85	T.C.	42.1	44.8	44.7	49.3	53.8	44.4	46.2	46.1	50.7	55.5	46.8	47.5	47.5	52.1	57.2
	S.C.	39.2	35.8	30.7	30.5	25.3	41.4	39.0	33.0	32.7	26.6	43.6	42.2	35.3	35.0	27.8
	K.W.	2.03	2.03	2.03	2.03	2.04	2.08	2.08	2.08	2.09	2.09	2.13	2.13	2.13	2.14	2.14
95	T.C.	40.4	42.4	42.5	46.8	51.2	42.5	43.6	43.6	48.0	52.7	44.7	44.7	44.7	49.2	54.3
	S.C.	37.6	34.9	29.7	29.5	24.2	39.6	38.0	32.0	31.7	25.5	41.7	41.2	34.3	33.9	26.8
	K.W.	2.26	2.26	2.26	2.27	2.27	2.31	2.31	2.31	2.32	2.33	2.37	2.37	2.37	2.37	2.38
105	T.C.	38.2	39.4	39.4	43.5	47.7	40.1	40.7	40.4	44.5	48.9	42.0	41.9	41.3	45.6	50.2
	S.C.	35.6	33.7	28.5	28.2	22.7	37.4	36.3	30.7	30.4	24.0	39.2	38.9	33.0	32.6	25.3
	K.W.	2.56	2.56	2.56	2.56	2.57	2.61	2.61	2.61	2.62	2.62	2.66	2.66	2.66	2.67	2.68
115	T.C.	36.1	36.4	36.4	40.2	44.1	37.7	37.8	37.1	41.1	45.1	39.3	39.2	37.8	41.9	46.1
	S.C.	33.6	32.5	27.2	27.0	21.3	35.1	34.5	29.5	29.1	22.6	36.7	36.5	31.7	31.3	23.8
	K.W.	2.86	2.87	2.87	2.86	2.86	2.91	2.91	2.91	2.91	2.92	2.96	2.96	2.96	2.97	2.97
125	T.C.	33.9	33.3	33.4	36.9	40.6	35.3	34.9	33.9	37.6	41.3	36.7	36.5	34.4	38.3	41.9
	S.C.	31.6	31.3	26.0	25.7	19.9	32.9	32.8	28.2	27.9	21.1	34.2	34.2	30.4	30.1	22.4
	K.W.	3.16	3.17	3.17	3.15	3.16	3.21	3.22	3.21	3.21	3.21	3.26	3.26	3.26	3.26	3.27

**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.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

#### LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
MV20D	FC/MC62D	0.98	0.96	1.02
MV20D	FC64D	0.99	0.99	1.00

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)*C16	FC/MC62D	0.98	0.95	1.03
T*9X*C16	FC/MC62D	0.99	0.95	1.04
T*9X*C20	FC/MC62D	1.00	0.99	1.01
T*9X*D20	FC/MC62D	1.00	0.99	1.01
(Y*(8,L)C/T*8V)*C16	FC/MC62D	0.98	0.95	1.03
(Y*(8,L)C/T*8V)*C20	FC/MC62D	0.99	0.95	1.04
(Y*9C/T*9V)*C16	FC/MC62D	0.99	0.94	1.05
(Y*9C/T*9V)*C20	FC/MC62D	0.99	0.94	1.05
(Y*9C/T*9V)*D20	FC/MC62D	0.99	0.94	1.05
T*(8,L)X*C16	FC64D	1.00	0.98	1.02
T*(8,L)X*C20	FC64D	0.96	0.89	1.09
T*9X*C16	FC64D	1.00	0.98	1.02
T*9X*C20	FC64D	1.00	1.01	0.99
T*9X*D20	FC64D	1.00	1.02	0.98
(Y*(8,L)C/T*8V)*C16	FC64D	1.00	0.98	1.02
(Y*(8,L)C/T*8V)*C20	FC64D	1.00	0.98	1.02
(Y*9C/T*9V)*C16	FC64D	1.00	0.97	1.03
(Y*9C/T*9V)*C20	FC64D	1.00	0.97	1.03
(Y*9C/T*9V)*D20	FC64D	1.00	0.97	1.03

<b>COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION</b>																
<b>OUTDOOR UNIT MODEL NO.</b>		<b>YZF06013(C)</b>														
<b>INDOOR COIL MODEL NO.</b>		<b>AHX60</b>														
<b>CONDENSER ENTERING AIR TEMPERATURE</b>	ID CFM	1730					1930					2130				
	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.	56.5	59.8	59.9	65.4	70.1	58.4	60.9	60.8	66.6	71.7	60.4	62.0	61.7	67.8	73.3
	S.C.	56.5	50.7	43.5	43.0	35.1	58.4	53.4	45.4	44.8	36.3	60.4	56.1	47.3	46.7	37.5
	K.W.	3.95	4.00	4.00	4.08	4.18	4.06	4.10	4.10	4.18	4.30	4.18	4.20	4.20	4.28	4.42
75	T.C.	54.3	56.8	56.9	62.1	67.1	56.0	57.8	57.7	63.2	68.3	57.8	58.8	58.5	64.2	69.6
	S.C.	54.3	49.5	42.2	41.6	33.7	56.0	52.1	44.1	43.5	34.8	57.8	54.8	45.9	45.4	35.9
	K.W.	4.40	4.44	4.44	4.52	4.63	4.51	4.54	4.54	4.63	4.74	4.63	4.64	4.64	4.73	4.85
85	T.C.	52.0	53.8	53.9	58.9	64.0	53.6	54.7	54.7	59.7	64.9	55.2	55.5	55.4	60.6	65.8
	S.C.	52.0	48.2	40.9	40.3	32.3	53.6	50.8	42.7	42.2	33.3	55.2	53.5	44.6	44.0	34.4
	K.W.	4.85	4.88	4.88	4.97	5.07	4.96	4.98	4.98	5.07	5.18	5.08	5.08	5.08	5.17	5.29
95	T.C.	49.8	50.8	50.9	55.6	60.9	51.2	51.5	51.6	56.3	61.5	52.7	52.3	52.3	57.1	62.1
	S.C.	49.8	46.9	39.5	39.0	30.9	51.2	49.6	41.4	40.8	31.9	52.7	52.2	43.3	42.6	32.8
	K.W.	5.30	5.32	5.32	5.41	5.52	5.41	5.42	5.42	5.52	5.62	5.53	5.52	5.52	5.62	5.72
105	T.C.	46.7	47.1	47.1	51.5	56.3	48.0	48.0	47.7	52.2	56.9	49.3	49.0	48.3	52.9	57.4
	S.C.	46.7	45.3	37.9	37.3	29.1	48.0	47.2	39.8	39.1	30.1	49.3	49.0	41.6	40.9	31.1
	K.W.	5.89	5.89	5.89	6.00	6.10	6.00	6.01	6.00	6.10	6.20	6.12	6.12	6.10	6.20	6.30
115	T.C.	43.6	43.3	43.2	47.5	51.7	44.7	44.6	43.8	48.0	52.2	45.9	45.8	44.3	48.6	52.7
	S.C.	43.6	43.3	36.2	35.7	27.4	44.7	44.6	38.1	37.5	28.3	45.9	45.8	40.0	39.2	29.3
	K.W.	6.48	6.47	6.47	6.58	6.68	6.60	6.59	6.57	6.68	6.78	6.71	6.71	6.67	6.77	6.88
125	T.C.	40.6	39.6	39.4	43.4	47.0	41.5	41.1	39.9	43.9	47.5	42.5	42.5	40.4	44.4	48.0
	S.C.	40.6	39.6	34.6	34.0	25.6	41.5	41.1	36.5	35.8	26.6	42.5	42.5	38.4	37.6	27.5
	K.W.	7.07	7.05	7.05	7.17	7.25	7.19	7.18	7.14	7.26	7.35	7.31	7.31	7.24	7.35	7.45

**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.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

#### HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
MV20D	FC/MC62D	0.98	0.98	1.00
MV20D	FC64D	0.99	1.01	0.99

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)X*C16	FC/MC62D	0.99	0.97	1.02
T*9X*C16	FC/MC62D	0.99	0.97	1.02
T*9X*C20	FC/MC62D	0.98	0.97	1.02
T*9X*D20	FC/MC62D	0.99	0.96	1.03
(Y*(8,L)C/T*8V)*C16	FC/MC62D	0.99	0.96	1.03
(Y*(8,L)C/T*8V)*C20	FC/MC62D	0.99	0.97	1.02
(Y*9C/T*9V)*C16	FC/MC62D	0.99	0.96	1.04
(Y*9C/T*9V)*C20	FC/MC62D	1.00	0.95	1.05
(Y*9C/T*9V)*D20	FC/MC62D	0.99	0.96	1.04
T*(8,L)X*C16	FC64D	0.99	1.00	0.99
T*(8,L)X*C20	FC64D	0.99	1.01	0.98
T*9X*C16	FC64D	0.99	0.99	1.00
T*9X*C20	FC64D	0.99	0.99	1.00
T*9X*D20	FC64D	0.99	0.99	1.00
(Y*(8,L)C/T*8V)*C16	FC64D	1.00	0.99	1.01
(Y*(8,L)C/T*8V)*C20	FC64D	0.99	0.99	1.00
(Y*9C/T*9V)*C16	FC64D	1.00	0.98	1.02
(Y*9C/T*9V)*C20	FC64D	1.00	0.98	1.02
(Y*9C/T*9V)*D20	FC64D	1.00	0.98	1.02

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		YZF02413(C)								
INDOOR COIL MODEL NO.		AHX30								
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	29.1	4.30	1.8	30.4	4.69	1.6	31.6	5.12	1.4
	70	28.3	3.78	2.0	29.4	4.12	1.8	30.5	4.49	1.6
	80	27.6	3.35	2.2	28.5	3.64	2.0	29.4	3.96	1.8
47	60	24.4	3.85	1.6	25.1	4.03	1.5	25.8	4.21	1.4
	70	24.1	3.35	1.9	24.6	3.53	1.7	25.2	3.72	1.6
	80	23.7	2.95	2.1	24.2	3.13	2.0	24.6	3.32	1.8
40	60	22.1	3.30	1.7	22.7	3.52	1.6	23.3	3.75	1.5
	70	21.8	2.95	1.9	22.3	3.17	1.8	22.8	3.40	1.6
	80	21.5	2.67	2.1	21.9	2.87	1.9	22.3	3.10	1.7
30	60	19.5	3.20	1.6	20.0	3.28	1.5	20.5	3.35	1.4
	70	19.1	2.81	1.8	19.5	2.89	1.7	19.8	2.97	1.6
	80	18.7	2.49	2.0	19.0	2.57	1.9	19.2	2.64	1.8
17	60	15.7	2.62	1.5	16.0	2.68	1.5	16.4	2.75	1.4
	70	15.3	2.15	1.9	15.6	2.29	1.7	15.9	2.43	1.5
	80	14.8	1.81	2.2	15.2	1.98	1.9	15.5	2.17	1.7
10	60	13.6	2.28	1.5	13.9	2.33	1.4	14.1	2.38	1.4
	70	12.9	1.95	1.7	13.3	2.03	1.6	13.7	2.10	1.5
	80	12.2	1.68	1.9	12.7	1.77	1.8	13.3	1.86	1.7

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

#### Multipliers for determining the performance with other indoor section.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	MBH	KW	COP
AHX36	—	1.00	1.01	0.99
AV*36	—	0.98	1.01	0.97
F6FP030	—	1.00	0.98	1.02
F6FP036	—	0.99	1.01	0.99
MV12B	FC/MC35B	0.99	0.98	1.01
MV12B	FC/MC43B	1.00	1.04	0.97

Furnace	Coil	MBH	KW	COP
T*(8,L)X*A12	FC/MC/PC32A	0.98	1.01	0.97
(Y*(8,L)C/T*8V)*A12	FC/MC/PC32A	0.99	0.97	1.02
T*(8,L)X*B12	FC/MC/PC35B	0.99	1.03	0.97
T*(8,L)X*C16	FC/MC/PC35C	0.99	1.03	0.97
T*(8,L)X*C20	FC/MC/PC35C	0.99	1.01	0.98
T*9X*B12	FC/MC/PC35B	0.98	0.99	0.99
T*9X*C16	FC/MC/PC35C	0.98	0.98	1.00
T*9X*C20	FC/MC/PC35C	0.99	1.02	0.98
(Y*(8,L)C/T*8V)*B12	FC/MC/PC35B	0.99	0.98	1.01
(Y*(8,L)C/T*8V)*C16	FC/MC/PC35C	0.98	0.98	1.00

Furnace	Coil	MBH	KW	COP
(Y*(8,L)C/T*8V)*C20	FC/MC/PC35C	0.98	0.97	1.01
(Y*9C/T*9V)*B12	FC/MC/PC35B	1.00	0.99	1.01
(Y*9C/T*9V)*C16	FC/MC/PC35C	1.00	1.01	0.99
(Y*9C/T*9V)*C20	FC/MC/PC35C	0.98	0.97	1.01
T*(8,L)X*A12	FC/MC/PC37A	0.99	1.05	0.94
(Y*(8,L)C/T*8V)*A12	FC/MC/PC37A	0.99	1.01	0.99
T*(8,L)X*B12	FC/MC/PC43B	0.99	1.06	0.94
T*(8,L)X*C16	FC/MC/PC43C	0.99	1.06	0.94
T*(8,L)X*C20	FC/MC/PC43C	0.99	1.05	0.95
T*9X*B12	FC/MC/PC43B	0.99	1.05	0.94
T*9X*C16	FC/MC/PC43C	0.99	1.03	0.97
T*9X*C20	FC/MC/PC43C	0.99	1.02	0.97
(Y*(8,L)C/T*8V)*B12	FC/MC/PC43B	0.99	1.01	0.98
(Y*(8,L)C/T*8V)*C16	FC/MC/PC43C	0.99	1.01	0.98
(Y*(8,L)C/T*8V)*C20	FC/MC/PC43C	0.98	1.00	0.98
(Y*9C/T*9V)*B12	FC/MC/PC43B	1.00	1.03	0.97
(Y*9C/T*9V)*C16	FC/MC/PC43C	1.00	1.04	0.97
(Y*9C/T*9V)*C20	FC/MC/PC43C	1.01	1.04	0.97

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		YZF03013(C)								
INDOOR COIL MODEL NO.		AHX36								
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	34.9	4.32	2.1	35.6	4.54	1.9	36.2	4.77	1.8
	70	34.2	3.84	2.3	34.9	4.04	2.2	35.5	4.25	2.0
	80	33.5	3.44	2.6	34.1	3.62	2.4	34.8	3.82	2.2
47	60	30.3	3.93	2.0	30.6	4.03	1.9	30.9	4.14	1.7
	70	29.6	3.48	2.2	30.0	3.60	2.1	30.3	3.71	1.9
	80	29.0	3.11	2.4	29.4	3.23	2.3	29.7	3.36	2.2
40	60	26.7	3.54	1.9	27.3	3.66	1.8	27.9	3.79	1.7
	70	26.5	3.18	2.1	27.0	3.29	2.0	27.4	3.40	1.9
	80	26.4	2.89	2.4	26.7	2.98	2.3	27.0	3.08	2.1
30	60	24.4	3.33	1.8	24.0	3.30	1.8	23.6	3.28	1.7
	70	23.4	2.90	2.1	23.5	2.94	2.0	23.6	2.98	1.9
	80	22.5	2.54	2.3	23.0	2.64	2.2	23.5	2.74	2.1
17	60	19.3	2.75	1.8	19.7	2.79	1.7	20.0	2.83	1.6
	70	18.9	2.46	2.0	19.3	2.51	1.9	19.6	2.56	1.8
	80	18.6	2.21	2.2	18.9	2.27	2.1	19.3	2.32	2.0
10	60	16.7	2.45	1.7	15.9	2.30	1.6	15.0	2.16	1.6
	70	16.6	2.21	1.9	16.4	2.17	1.8	16.1	2.14	1.8
	80	16.4	2.01	2.1	16.8	2.06	2.0	17.3	2.12	1.9

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

#### Multipliers for determining the performance with other indoor section.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	MBH	KW	COP
AV*36	-	0.99	1.01	0.99
MV12B	FC/MC43B	1.00	0.99	1.02
MV16C	FC/MC43C	1.00	0.99	1.01

Furnace	Coil	MBH	KW	COP
T*(8,L)X*A12	FC/MC/PC37A	1.01	1.02	1.00
(Y*(8,L)C/T*8V)*A12	FC/MC/PC37A	1.00	0.97	1.04
T*(8,L)X*B12	FC/MC/PC43B	1.01	1.02	1.00
T*(8,L)X*C16	FC/MC/PC43C	0.99	0.99	1.00
T*(8,L)X*C20	FC/MC/PC43C	0.98	0.97	1.02
T*9X*B12	FC/MC/PC43B	1.01	1.02	0.99
T*9X*C16	FC/MC/PC43C	1.01	1.03	0.98
(Y*(8,L)C/T*8V)*B12	FC/MC/PC43B	1.01	0.98	1.03
(Y*(8,L)C/T*8V)*C16	FC/MC/PC43C	1.00	1.00	1.00
(Y*(8,L)C/T*8V)*C20	FC/MC/PC43C	0.99	1.01	0.98
(Y*9C/T*9V)*B12	FC/MC/PC43B	1.01	0.97	1.04
(Y*9C/T*9V)*C16	FC/MC/PC43C	1.01	0.98	1.03
(Y*9C/T*9V)*C20	FC/MC/PC43C	1.00	0.99	1.02

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		YZF03613(C)								
INDOOR COIL MODEL NO.		AHX42								
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	44.7	3.64	3.1	44.9	3.96	2.9	45.0	4.35	2.7
	70	43.8	3.20	3.5	44.1	3.48	3.3	44.3	3.83	3.0
	80	42.9	2.83	3.9	43.3	3.10	3.6	43.7	3.41	3.4
47	60	38.5	3.35	2.8	38.4	3.63	2.7	38.3	3.96	2.5
	70	37.7	2.95	3.2	37.8	3.19	3.0	37.9	3.47	2.8
	80	36.9	2.62	3.6	37.2	2.83	3.4	37.4	3.09	3.2
40	60	34.7	3.10	2.8	34.7	3.34	2.6	34.8	3.63	2.4
	70	34.1	2.74	3.1	34.3	2.96	2.9	34.5	3.22	2.8
	80	33.5	2.44	3.5	33.8	2.65	3.3	34.1	2.89	3.1
30	60	30.5	2.87	2.6	30.6	3.08	2.5	30.6	3.33	2.3
	70	29.8	2.51	3.0	30.0	2.70	2.8	30.1	2.91	2.7
	80	29.1	2.22	3.3	29.4	2.39	3.2	29.7	2.58	3.0
17	60	24.6	1.96	3.2	24.9	2.31	2.7	25.1	2.82	2.2
	70	24.1	1.91	3.2	24.4	2.17	2.8	24.8	2.50	2.5
	80	23.5	1.87	3.2	24.0	2.04	3.0	24.4	2.24	2.8
10	60	21.8	2.31	2.2	21.2	2.38	2.2	20.6	2.45	2.1
	70	21.3	2.04	2.5	21.0	2.17	2.4	20.6	2.32	2.2
	80	20.8	1.82	2.8	20.7	1.99	2.6	20.6	2.19	2.4

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

#### Multipliers for determining the performance with other indoor sections.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	MBH	KW	COP
AHX48	-	1.00	1.02	0.98
AV*48	-	1.01	1.05	0.96
F6FP042	-	1.01	1.02	1.00
F6FP048	-	1.00	1.03	0.97
MV12D	FC/MC48D	0.99	1.00	1.00
MV16C	FC/MC48C	1.00	0.98	1.02
MV12D	FC/MC60D	1.01	1.03	0.98

Furnace	Coil	MBH	KW	COP
T*(8,L)X*C16	FC/MC/PC48C	0.99	1.00	1.00
T*(8,L)X*C20	FC/MC/PC48C	1.00	1.01	0.99
T*9X*C16	FC/MC/PC48C	1.01	1.00	1.01
T*9X*C20	FC/MC/PC48C	1.00	0.98	1.02
T*9X*D20	FC/MC/PC48D	1.01	1.01	1.00
(Y*(8,L)C/T*8V)*C16	FC/MC/PC48C	1.00	0.98	1.03
(Y*(8,L)C/T*8V)*C20	FC/MC/PC48C	1.00	0.98	1.02
(Y*9C/T*9V)*D20	FC/MC/PC48D	1.01	0.99	1.02
T*(8,L)X*C16	FC/PC60C	1.00	1.04	0.96
T*(8,L)X*C20	FC/PC60C	1.01	1.06	0.96

Furnace	Coil	MBH	KW	COP
T*9X*C16	FC/PC60C	1.02	1.05	0.97
T*9X*C20	FC/PC60C	1.01	1.05	0.97
T*9X*D20	FC/MC/PC60D	1.01	1.07	0.94
(Y*(8,L)C/T*8V)*C16	FC/PC60C	1.01	1.03	0.98
(Y*(8,L)C/T*8V)*C20	FC/PC60C	1.01	1.04	0.98
(Y*9C/T*9V)*D20	FC/MC/PC60D	1.02	1.03	0.99
T*(8,L)X*C16	UC48C	1.00	1.04	0.96
T*(8,L)X*C20	UC48C	1.01	1.04	0.97
T*9X*C16	UC48C	1.01	1.03	0.99
T*9X*C20	UC48C	1.01	1.02	0.99
T*9X*D20	UC48D	1.01	1.03	0.98
(Y*(8,L)C/T*8V)*C16	UC48C	1.01	1.02	0.99
(Y*(8,L)C/T*8V)*C20	UC48C	1.01	1.03	0.98
T*(8,L)X*C16	UC60C	1.00	1.04	0.96
T*(8,L)X*C20	UC60C	1.01	1.04	0.97
T*9X*C16	UC60C	1.01	1.04	0.98
T*9X*C20	UC60C	1.01	1.02	0.99
T*9X*D20	UC60D	1.01	1.06	0.95
(Y*(8,L)C/T*8V)*C16	UC60C	1.01	1.02	0.99
(Y*(8,L)C/T*8V)*C20	UC60C	1.01	1.02	0.99



HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		YZF04213(C)								
INDOOR COIL MODEL NO.		AHX60								
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	46.5	4.55	2.5	47.8	4.72	2.5	49.2	4.89	2.4
	70	44.5	4.01	2.8	45.8	4.16	2.7	47.0	4.31	2.6
	80	42.5	3.54	3.1	43.7	3.68	3.0	44.9	3.82	2.9
47	60	39.6	3.34	3.0	40.5	3.73	2.7	41.3	4.19	2.3
	70	38.2	3.24	3.0	39.0	3.46	2.8	39.8	3.71	2.6
	80	36.7	3.14	3.0	37.5	3.22	2.9	38.3	3.30	2.8
40	60	36.1	3.68	2.4	37.0	3.77	2.4	37.8	3.86	2.3
	70	34.3	3.22	2.7	35.3	3.31	2.6	36.3	3.41	2.5
	80	32.6	2.82	2.9	33.6	2.92	2.9	34.7	3.03	2.8
30	60	28.0	2.98	2.3	30.1	3.16	2.3	32.3	3.33	2.2
	70	28.3	2.73	2.6	29.6	2.83	2.5	30.9	2.93	2.5
	80	28.5	2.52	2.9	29.0	2.56	2.8	29.5	2.60	2.7
17	60	27.4	2.91	2.3	26.7	2.82	2.3	26.1	2.73	2.2
	70	21.4	2.15	2.5	20.9	2.09	2.4	20.4	2.02	2.4
	80	15.5	1.48	2.6	15.2	1.43	2.6	14.8	1.38	2.5
10	60	23.7	2.55	2.3	23.8	2.53	2.2	23.8	2.52	2.2
	70	18.3	1.86	2.4	18.3	1.85	2.4	18.4	1.83	2.4
	80	12.8	1.24	2.6	12.9	1.23	2.5	13.0	1.22	2.5

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

#### Multipliers for determining the performance with other indoor section.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	MBH	KW	COP
F6FP060	—	1.01	0.99	1.02
MV20D	FC/MC62D	1.01	0.99	1.01

Furnace	Coil	MBH	KW	COP
T*(8,L)X*C16	FC/MC62D	1.00	0.99	1.01
T*(8,L)X*C20	FC/MC62D	1.01	1.01	1.00
T*9X*C16	FC/MC62D	1.01	0.99	1.02
T*9X*C20	FC/MC62D	1.01	1.01	1.00
T*9X*D20	FC/MC62D	1.01	1.01	1.00
(Y*(8,L)C/T*8V)*C16	FC/MC62D	1.01	0.98	1.03
(Y*(8,L)C/T*8V)*C20	FC/MC62D	1.01	0.98	1.03
(Y*9C/T*9V)*D20	FC/MC62D	1.01	0.98	1.03

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		YZF04813(C)								
INDOOR COIL MODEL NO.		AHX60								
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	61.1	4.66	3.3	61.2	4.75	3.2	61.3	4.84	3.1
	70	58.8	4.02	3.8	59.1	4.12	3.6	59.4	4.23	3.4
	80	56.6	3.50	4.2	57.0	3.61	4.0	57.4	3.74	3.8
47	60	51.6	3.80	3.5	51.8	3.89	3.3	52.0	3.98	3.2
	70	50.4	3.39	3.8	50.5	3.46	3.7	50.7	3.54	3.5
	80	49.1	3.05	4.2	49.3	3.11	4.1	49.4	3.16	3.9
40	60	43.8	3.41	3.2	45.7	3.61	3.1	47.7	3.82	3.0
	70	43.9	3.02	3.7	44.7	3.13	3.6	45.5	3.25	3.4
	80	43.9	2.71	4.2	43.6	2.75	4.1	43.3	2.79	3.9
30	60	39.0	3.12	3.1	40.1	3.24	3.0	41.3	3.35	2.9
	70	39.1	2.87	3.5	39.7	2.92	3.4	40.2	2.98	3.3
	80	39.3	2.65	3.8	39.2	2.66	3.7	39.1	2.67	3.6
17	60	34.0	2.79	3.1	34.2	2.84	2.9	34.5	2.89	2.8
	70	33.2	2.46	3.4	33.5	2.51	3.3	33.8	2.57	3.2
	80	32.5	2.20	3.8	32.7	2.25	3.7	33.0	2.30	3.5
10	60	29.5	2.56	2.9	29.7	2.57	2.8	29.8	2.57	2.7
	70	29.3	2.33	3.2	29.5	2.34	3.1	29.8	2.34	3.1
	80	29.0	2.13	3.5	29.4	2.14	3.4	29.8	2.15	3.4

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

#### Multipliers for determining the performance with other indoor sections.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	MBH	KW	COP
F6FP060	–	1.00	1.00	1.00
MV20D	FC/MC62D	1.01	0.99	1.02
MV20D	FC64D	1.02	1.03	0.99

Furnace	Coil	MBH	KW	COP
T*(8,L)X*C20	FC/MC62D	1.02	1.01	1.01
T*9X*C20	FC/MC62D	1.01	0.98	1.03
T*(8,L)X*C16	FC64D	1.02	1.02	1.00
T*(8,L)X*C20	FC64D	1.02	1.03	0.99
T*9X*C16	FC64D	1.02	1.02	1.00
T*9X*C20	FC64D	1.02	1.03	0.99
T*9X*D20	FC64D	1.02	1.02	1.00
(Y*(8,L)C/T*8V)*C16	FC64D	1.02	1.01	1.01
(Y*(8,L)C/T*8V)*C20	FC64D	1.02	1.02	1.00
(Y*9C/T*9V)*C16	FC64D	1.03	1.01	1.02

HEATING PERFORMANCE DATA										
OUTDOOR UNIT MODEL NO.		YZF06013(C)								
INDOOR COIL MODEL NO.		AHX60								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1750			1850			1950		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	72.6	4.30	4.4	73.3	4.42	4.2	74.1	4.55	4.0
	70	71.1	3.82	4.9	72.0	3.94	4.7	72.9	4.07	4.5
	80	69.6	3.42	5.4	70.7	3.54	5.2	71.7	3.67	5.0
47	60	62.5	3.91	4.1	62.9	3.98	4.0	63.4	4.06	3.8
	70	61.4	3.46	4.6	61.9	3.54	4.5	62.4	3.62	4.3
	80	60.3	3.10	5.1	60.8	3.18	4.9	61.4	3.26	4.8
40	60	56.0	3.56	4.0	56.4	3.64	3.9	56.7	3.71	3.7
	70	55.1	3.17	4.5	55.4	3.23	4.4	55.8	3.30	4.2
	80	54.2	2.85	5.0	54.5	2.90	4.8	54.9	2.96	4.7
30	60	47.1	3.16	3.8	46.0	3.10	3.7	45.0	3.04	3.6
	70	47.6	2.87	4.3	47.2	2.86	4.2	46.7	2.85	4.1
	80	48.2	2.63	4.8	48.3	2.66	4.7	48.5	2.70	4.5
17	60	39.8	2.74	3.7	40.2	2.78	3.6	40.6	2.82	3.5
	70	37.9	2.37	4.1	37.8	2.40	4.0	37.7	2.42	3.8
	80	36.0	2.07	4.5	35.4	2.07	4.3	34.9	2.07	4.2
10	60	35.0	2.46	3.6	35.2	2.48	3.5	35.4	2.50	3.4
	70	34.7	2.23	4.0	34.9	2.25	3.9	35.1	2.28	3.8
	80	34.4	2.03	4.4	34.6	2.06	4.3	34.8	2.09	4.1

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

#### Multipliers for determining the performance with other indoor sections.

**NOTE:** KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

Air Handler	Coil	MBH	KW	COP
MV20D	FC/MC62D	0.98	0.98	1.00
MV20D	FC64D	0.99	1.01	0.99

Furnace	Coil	MBH	KW	COP
T*(8,L)X*C16	FC/MC62D	0.99	0.97	1.02
T*9X*C16	FC/MC62D	0.99	0.97	1.02
T*9X*C20	FC/MC62D	0.98	0.97	1.02
T*9X*D20	FC/MC62D	0.99	0.96	1.03
(Y*(8,L)C/T*8V)*C16	FC/MC62D	0.99	0.96	1.03
(Y*(8,L)C/T*8V)*C20	FC/MC62D	0.99	0.97	1.02
(Y*9C/T*9V)*C16	FC/MC62D	0.99	0.96	1.04
(Y*9C/T*9V)*C20	FC/MC62D	1.00	0.95	1.05
(Y*9C/T*9V)*D20	FC/MC62D	0.99	0.96	1.04
T*(8,L)X*C16	FC64D	0.99	1.00	0.99
T*(8,L)X*C20	FC64D	0.99	1.01	0.98
T*9X*C16	FC64D	0.99	0.99	1.00
T*9X*C20	FC64D	0.99	0.99	1.00
T*9X*D20	FC64D	0.99	0.99	1.00
(Y*(8,L)C/T*8V)*C16	FC64D	1.00	0.99	1.01
(Y*(8,L)C/T*8V)*C20	FC64D	0.99	0.99	1.00
(Y*9C/T*9V)*C16	FC64D	1.00	0.98	1.02
(Y*9C/T*9V)*C20	FC64D	1.00	0.98	1.02
(Y*9C/T*9V)*D20	FC64D	1.00	0.98	1.02

