



Heating and Air Conditioning

TECHNICAL GUIDE

AFFINITY

SPLIT-SYSTEM HEAT PUMPS

UP TO 18 SEER – R-410A

MODELS:

YZE024 THRU 060

(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

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

DESCRIPTION

The YZE 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.

Premium System Warranty - Limited lifetime compressor and 10-year parts when matched with an approved York Affinity furnace or UPG air handler and coil.

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.
- **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 York Guard VI 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.

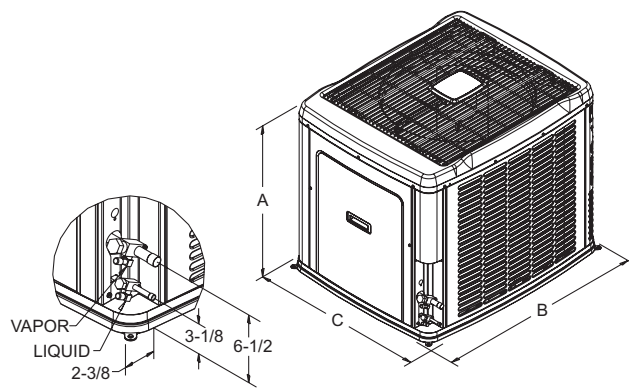
Certified in accordance with the Unitary Small Equipment certification program, which is based on ARI Standard 210/240.

Physical and Electrical Data

MODEL		YZE02411	YZE03611	YZE03811	YZE04811	YZE06011
Unit Supply Voltage		208-230V, 1 ϕ , 60Hz				
Normal Voltage Range ¹		187 to 252				
Minimum Circuit Ampacity		18.6	24.7	23.6	27.9	37.9
Max. Overcurrent Device Amps ²		30	40	40	45	60
Min. Overcurrent Device Amps ³		20	25	25	30	40
Multi-stage Compressor		Yes	Yes	Yes	Yes	Yes
Compressor Type		Scroll	Scroll	Scroll	Scroll	Scroll
Compressor Amps	Rated Load	13.7	18.6	16.7	21.2	29.2
	Locked Rotor	52	82	82	96	118
Crankcase Heater		No	No	No	No	No
Fan Motor Amps	Rated Load	1.5	1.5	2.8	1.5	1.5
Fan Diameter Inches		22	22	22	22	22
Fan Motor	Rated HP	1/4	1/4	1/3	1/4	1/4
	Nominal RPM	850	850	685	850	850
	Nominal CFM	3,250	3,300	2,750	3,050	3,100
Coil	Face Area Sq. Ft.	17.15	20.58	20.58	20.58	20.58
	Rows Deep	1	1	2	2	2
	Fins / Inch	22	22	22	22	22
Liquid Line Set OD (Field Installed)		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
Unit Charge (Lbs. - Oz.) ⁴		8 - 14	8 - 8	13-3	14 - 8	14 - 0
Charge Per Foot, Oz.		0.62	0.62	0.67	0.67	0.67
Operating Weight Lbs.		270	290	270	310	315

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.



DIMENSIONS

Unit Model	Dimensions (Inches)			Refrigerant Connection Service Valve Size	
	A	B	C	Liquid	Vapor
024	33-1/2	37	31	3/8"	3/4"
036	39-1/2	37	31		7/8"
038	39-1/2	37	31		
048	39-1/2	37	31		
060	39-1/2	37	31		

Additional R-410A Charge / TXV Size for Various Matched Systems					
Outdoor Unit	YZE02411	YZE03611	YZE03811	YZE04811	YZE06011
Approved System Thermal Expansion Valve ¹	1TVM902	1TVM902 1TVM4A1	1TVM904	1TVM905	1TVM906
Factory R-410A Charge, lbs-oz	8 - 14	8 - 8	13-3	14 - 8	14 - 0
Indoor Coil²	TXV Kit³ - Additional Charge, Oz				
FC/MC/PC30A	4	–	–	–	–
FC/MC/PC30B	4	–	–	–	–
FC/MC/PC36A	5	–	–	–	–
FC/MC/PC36B	5	–	–	–	–
FC/MC/PC36C	5	–	–	–	–
FC/MC/PC42B	12	0	–	–	–
FC/MC/PC42C	12	0	–	–	–
FC/MC/PC48C	–	14	–	–	–
FC/MC/PC48D	–	14	–	–	–
FC/PC60C	–	–	10	9	9
FC/MC/PC60D	–	–	10	9	9
MC61D	–	–	18	17	16
HC30	6	–	–	–	–
HC42	–	12	–	–	–
HC60	–	–	10	9	9
HD36	6	–	–	–	–
HD48	–	10	–	–	–
HD60	–	–	10	9	9
AV24	4	–	–	–	–
AV36	12	0	–	–	–
AV/SV48	–	17	10	–	–
AV/SV60	–	–	–	9	9
F*FV060	–	–	10	9	9

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 ¹ MODEL	COOLING					
	MODEL	ELECTRIC ² HEAT KW	W		STAGE	RATED CFM	NET MBH		SEER	EER
							TOTAL	SENSIBLE		
YZE02411	AV24	2,5,8,10,15	17	-	1	535	18.6	13.6	15.00	12.50
					2	800	24.0	18.6		12.50
	MV12B	5,8,10	17	FC/MC36B	1	620	18.6	13.6	15.00	12.50
					2	800	24.6	18.6		12.00
	MV12B	5,8,10	17	FC/MC42B	1	650	18.1	14.4	15.00	12.15
					2	775	23.6	19.6		12.00
YZE03611	AV36	5,8,10,15,18	21	-	1	830	25.0	17.5	15.75	12.70
					2	1200	35.4	24.2		12.00
	MV12B	5,8,10	17	FC/MC42B	1	775	24.4	17.2	14.75	12.55
					2	1200	34.0	23.9		11.50
	MV16C	5,8,10,15,18,20	21	FC/MC48C	1	775	25.0	17.5	15.00	12.85
					2	1200	35.4	24.2		12.00
	MV20D	8,10,15,18,20,25	24	FC/MC48D	1	775	24.8	17.5	15.75	12.70
					2	1200	35.4	24.2		12.00
YZE03811	AV/SV48	5,8,10,15,18,20,25	24	-	1	830	24.8	18.6	15.00	13.50
					2	1100	36.0	27.4		12.50
	F*FV060	5,8,10,15,20,25	24	-	1	770	24.8	18.6	17.50	14.10
					2	1200	36.0	27.4		13.45
	MV20D	10,15,20,25	24	FC/MC60D	1	750	25.0	18.7	17.50	14.50
					2	1200	36.0	27.4		13.00
	MV12D	10,15,20,25	24	MC61D	1	750	25.0	18.7	18.00	14.50
					2	1100	36.0	27.4		13.50
	MV20D	8,10,15,18,20,25	24	MC61D	1	770	25.0	18.7	17.50	14.25
					2	1200	36.2	27.5		13.55
YZE04811	AV/SV48	5,8,10,15,18,20,25	24	-	1	1135	33.2	23.5	15.00	13.30
					2	1600	45.0	32.8		12.50
	F*FV060	5,8,10,15,20,25	24	-	1	1000	33.2	23.5	15.50	13.10
					2	1600	46.0	32.8		12.15
	MV20D	8,10,15,18,20,25	24	FC/MC60D	1	1000	33.2	23.5	15.50	13.05
					2	1600	46.0	34.4		12.00
	MV20D	8,10,15,18,20,25	24	MC61D	1	1000	33.4	23.7	15.50	13.20
					2	1600	47.0	34.7		12.00
YZE06011	AV/SV60	5,8,10,15,18,20,25	24	-	1	1145	38.5	27.0	13.50	11.55
					2	1800	53.5	38.5		10.25
	F*FV060	5,8,10,15,20,25	24	-	1	1200	38.0	27.0	13.75	11.55
					2	1900	53.0	38.5		10.20
	MV20D	8,10,15,18,20,25	24	FC/MC60D	1	1200	38.0	27.0	13.75	11.50
					2	1900	53.0	38.5		10.40
	MV20D	8,10,15,18,20,25	24	MC61D	1	1175	38.0	26.9	14.00	11.65
					2	1800	54.0	38.9		10.40

Rated in accordance with DOE test procedures (Federal Register 12-27-79 and 3-18-88) and ARI Standards 210.

Cooling MBH based on 80°F entering air temperature, 50% RH, and rated air flow.

EER (Energy Efficiency Ratio) is the total cooling output in BTU's at 95°F outdoor ambient divided by the total electric power in watt-hours at those conditions.

SEER (Seasonal Energy Efficiency Ratio) is the total cooling output in BTU's during a normal annual usage period for cooling divided by the total electric power input in watt-hours during the same period.

1. MC coils available with a factory installed horizontal drain pan. See price pages for specific model number.
2. Single phase units require single phase 2HK heaters.

COOLING CAPACITY - With Variable Speed Furnaces

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
YZE02411	PV8*A12	FC/MC/PC24A	14	1	430	17.3	11.5	14.00	12.60
				2	800	23.0	18.2		11.50
	PV9*A12	FC/MC/PC24A	14	1	625	18.5	14.4	14.25	12.35
				2	800	23.6	19.0		11.50
	PV8*B16	FC/MC/PC24B	17	1	430	17.1	11.9	15.00	12.55
				2	750	23.0	18.7		12.00
	P(C,V)9*B12	FC/MC/PC24B	17	1	475	17.5	12.5	14.25	12.60
				2	800	23.6	19.0		11.50
	PV8*A12	FC/MC/PC30A	14	1	430	17.3	11.5	14.00	12.60
				2	750	23.0	18.2		11.50
	PV9*A12	FC/MC/PC30A	14	1	625	18.5	14.4	14.25	12.35
				2	800	23.6	19.0		11.50
	PV8*B16	FC/MC/PC30B	17	1	430	17.1	11.9	15.00	12.55
				2	800	23.0	18.7		12.00
	P(C,V)9*B12	FC/MC/PC30B	17	1	425	17.5	12.5	14.25	12.60
				2	800	23.6	19.0		11.50
	PV8*A12	FC/MC/PC36A	14	1	430	17.4	11.6	15.00	12.75
				2	800	24.0	19.0		11.50
	PV9*A12	FC/MC/PC36A	14	1	560	18.4	13.7	14.50	12.45
				2	800	24.0	19.0		11.50
PV8*B16	FC/MC/PC36B	17	1	430	17.4	11.6	15.00	12.75	
			2	800	24.0	19.0		12.00	
P(C,V)9*B12	FC/MC/PC36B	17	1	560	18.4	13.7	14.50	12.45	
			2	800	24.0	19.0		11.50	
P(C,V)9*B12	FC/MC/PC42B	17	1	640	18.2	14.4	14.75	12.05	
			2	800	24.0	19.0		11.50	
PV8*B16	HC36	17	1	430	17.0	11.9	15.00	12.60	
			2	800	23.0	18.9		12.00	
P(C,V)9*B12	HC36	17	1	475	17.4	12.0	14.50	12.60	
			2	800	23.0	19.0		11.50	
P(C,V)9*B12	HD24	-	1	475	17.9	12.2	15.00	12.75	
			2	800	24.0	19.2		12.00	
YZE03611	PV8*B16	FC/MC/PC42B	17	1	650	23.0	15.6	14.75	12.10
				2	1200	33.8	24.5		11.50
	P(C,V)9*B12	FC/MC/PC42B	17	1	770	24.6	18.4	14.50	12.45
				2	1200	36.0	26.3		11.40
	PV8*C16	FC/MC/PC42C	21	1	640	24.2	16.2	14.75	12.70
				2	1200	32.2	23.1		11.50
	PV8*C20	FC/MC/PC42C	21	1	640	24.2	16.2	15.00	12.70
				2	1200	32.2	23.1		11.50
	P(C,V)9*C16	FC/MC/PC42C	21	1	780	25.0	18.9	15.00	12.85
				2	1200	32.2	23.1		11.50
	P(C,V)9*C20	FC/MC/PC42C	21	1	800	25.2	19.1	15.00	12.90
				2	1200	32.2	23.1		11.50
	PV8*C16	FC/MC/PC48C	21	1	640	24.2	16.2	15.25	12.70
				2	1200	35.2	25.1		12.00
	PV8*C20	FC/MC/PC48C	21	1	640	24.2	16.2	15.50	12.70
				2	1200	35.2	25.1		12.00
	P(C,V)9*C16	FC/MC/PC48C	21	1	780	25.0	18.9	15.00	12.85
				2	1200	34.8	26.8		12.00
	P(C,V)9*C20	FC/MC/PC48C	21	1	800	25.2	19.1	15.25	12.90
				2	1200	35.0	26.8		12.00
P(C,V)9*D20	FC/MC/PC48D	24	1	770	25.0	18.8	15.50	12.85	
			2	1200	35.0	26.8		12.00	
PV8*C16	HC42	21	1	675	24.2	16.5	14.75	12.45	
			2	1200	32.2	25.1		11.50	
PV8*C20	HC42	21	1	675	24.2	16.5	15.00	12.45	
			2	1200	32.2	25.1		11.50	
PV8*C16	HD48	-	1	675	24.2	16.5	14.75	12.45	
			2	1200	32.2	25.1		11.50	
PV8*C20	HD48	-	1	675	24.2	16.5	15.00	12.45	
			2	1200	32.2	25.1		11.50	

For Notes, See Page 6.

COOLING CAPACITY - With Variable Speed Furnaces (Continued)

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
YZE03811	PV8*C16	FC/PC60C	21	1	640	24.0	18.0	17.25	14.05
				2	1200	35.4	27.4		13.00
	PV8*C20	FC/PC60C	21	1	640	24.0	18.0	17.50	14.05
				2	1200	36.0	27.4		13.00
	P(C,V)9*C16	FC/PC60C	21	1	780	24.8	18.6	17.00	14.10
				2	1200	35.0	27.4		13.00
	P(C,V)9*C20	FC/PC60C	21	1	780	24.8	18.6	17.25	14.10
				2	1200	36.0	27.4		13.00
	P(C,V)9*D20	FC/MC/PC60D	24	1	660	24.2	18.1	17.50	13.95
				2	1200	36.0	27.2		13.00
	PV8*C20	HC60	24	1	660	24.2	18.1	17.00	13.90
				2	1200	35.4	27.2		13.00
	P(C,V)9*D20	HC60	24	1	660	24.2	18.1	17.00	13.90
				2	1200	35.4	27.2		13.00
PV8*C20	HD60	-	1	660	23.8	17.8	17.00	13.75	
			2	1200	35.4	26.9		13.00	
P(C,V)9*D20	HD60	-	1	660	23.8	17.8	17.00	13.75	
			2	1200	35.4	26.9		13.00	
P(C,V)9*D20	MC61D	24	1	660	23.8	17.8	17.50	13.75	
			2	1200	36.0	26.9		13.00	
YZE04811	PV8*C20	FC/MC/PC60C	21	1	860	32.4	22.0	15.25	12.90
				2	1600	46.0	35.2		12.00
	P(C,V)9*C20	FC/MC/PC60C	21	1	1010	33.2	25.3	15.00	12.70
				2	1600	45.5	36.8		11.75
	P(C,V)9*D20	FC/MC/PC60D	24	1	1020	33.2	25.5	15.25	12.85
				2	1600	46.0	36.8		11.50
	PV8*C20	HC60	24	1	900	32.6	22.5	15.00	12.60
				2	1575	45.5	34.8		12.00
	P(C,V)9*D20	HC60	24	1	850	32.2	21.9	15.00	12.75
				2	1610	45.5	35.2		11.50
	PV8*C20	HD60	-	1	850	32.0	21.6	15.00	12.50
				2	1610	45.5	34.5		12.00
	P(C,V)9*D20	HD60	-	1	850	32.0	21.6	15.00	12.50
				2	1610	45.5	34.5		11.50
P(C,V)9*D20	MC61D	24	1	1020	33.2	25.5	15.25	12.85	
			2	1600	46.0	36.8		12.00	
YZE06011	PV8*C20	FC/MC/PC60C	21	1	1030	37.4	25.4	13.50	11.30
				2	1730	53.0	38.1		11.00
	P(C,V)9*C20	FC/MC/PC60C	21	1	1040	37.4	27.4	13.25	11.25
				2	1620	52.5	39.9		11.00
	PV8*C20	FC/MC/PC60D	24	1	1030	37.4	25.4	13.50	11.30
				2	1730	53.0	38.1		11.00
	P(C,V)9*C20	FC/MC/PC60D	24	1	990	37.2	24.9	13.50	11.30
				2	1640	52.5	37.1		11.00
	P(C,V)9*D20	FC/MC/PC60D	24	1	1030	37.4	27.3	13.50	11.30
				2	1620	52.5	40.0		11.00
	PV8*C20	HC60	24	1	1010	37.2	25.1	13.50	11.20
				2	1610	52.5	36.8		11.00
	P(C,V)9*D20	HC60	24	1	1010	37.2	25.1	13.50	11.20
				2	1610	52.5	36.8		11.00
	PV8*C20	HD60	-	1	1010	36.8	24.8	13.50	11.10
				2	1610	51.5	36.0		11.00
P(C,V)9*D20	HD60	-	1	1010	36.8	24.8	13.50	11.10	
			2	1610	51.5	36.0		11.00	
PV8*C20	MC61D	24	1	1030	37.4	27.3	13.50	11.30	
			2	1620	53.5	40.0		11.00	
P(C,V)9*D20	MC61D	24	1	1030	37.4	27.3	13.50	11.30	
			2	1620	53.5	40.0		11.00	

1. MC coils available with a factory installed horizontal drain pan. Specify "H" models when ordering.

HEATING CAPACITY - With Air Handler

UNIT MODEL	AIR HANDLER MODEL	COIL ¹ MODEL	HEATING					
			STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
					47 OD	17 OD		
YZE02411	AV24	-	1	650	19.0	-	-	3.30
			2	775	24.0	15.6	8.25	3.36
			2	650	23.2	14.6	8.05	3.12
	MV12B	FC/MC36B	1	620	18.9	-	-	3.30
			2	800	24.0	15.6	8.20	3.36
			2	620	23.2	14.6	8.05	3.12
	MV12B	FC/MC42B	1	650	18.9	-	-	3.30
			2	775	24.0	15.5	8.30	3.36
			2	650	23.0	14.5	8.05	3.12
YZE03611	AV36	-	1	775	23.6	-	-	3.60
			2	1200	33.0	21	8.50	3.70
			2	775	29.6	19.7	8.40	3.30
	MV12B	FC/MC42B	1	775	23.6	-	-	3.60
			2	1200	32.8	21.0	8.50	3.70
			2	775	29.6	19.7	8.40	3.30
	MV16C	FC/MC48C	1	775	23.6	-	-	3.60
			2	1200	33.0	20.8	8.50	3.70
			2	775	29.2	19.5	8.40	3.30
	MV20D	FC/MC48D	1	775	23.6	-	-	3.60
			2	1200	33.0	20.8	8.50	3.70
			2	775	29.2	19.5	8.40	3.30
YZE03811	AV/SV48	-	1	770	24.0	-	-	3.80
			2	1200	35.0	21.6	9.40	4.14
			2	770	34.2	19.3	8.80	3.74
	F2FV060	-	1	770	24.0	-	-	3.80
			2	1200	35.0	21.6	9.25	4.14
			2	770	34.2	19.3	8.80	3.74
	MV20D	FC/MC60D	1	770	24.0	-	-	3.80
			2	1200	35.0	21.6	9.40	4.14
			2	770	34.2	19.3	8.80	3.74
	MV12D	MC61D	1	750	24.0	-	-	3.80
			2	1100	35.0	21.6	9.50	4.14
			2	750	34.0	19.2	8.80	3.76
	MV20D	MC61D	1	770	24.0	-	-	3.80
			2	1200	35.0	21.6	9.40	4.14
			2	770	34.2	19.3	8.80	3.74
YZE04811	AV/SV48	-	1	1000	31.8	-	-	3.62
			2	1600	48.0	27.4	8.40	3.96
			2	1000	45.5	26.6	8.30	3.76
	F2FV060	-	1	1000	31.8	-	-	3.62
			2	1600	47.5	27.4	8.40	3.96
			2	1000	45.5	26.6	8.30	3.76
	MV20D	FC/MC60D	1	1000	31.8	-	-	3.60
			2	1600	48.0	27.6	8.40	3.96
			2	1000	45.5	26.8	8.35	3.76
	MV20D	MC61D	1	1000	31.8	-	-	3.62
			2	1600	48.0	27.4	8.50	3.96
			2	1000	45.5	26.6	8.30	3.76
YZE06011	AV/SV60	-	1	1200	37.6	-	-	3.26
			2	1900	55.0	32.2	8.05	3.50
			2	1200	50.0	29.8	7.90	3.22
	F2FV060	-	1	1200	37.6	-	-	3.26
			2	1900	54.0	32.2	8.00	3.50
			2	1200	50.0	29.8	7.90	3.22
	MV20D	FC/MC60D	1	1200	37.6	-	-	3.26
			2	1900	54.5	32.4	8.00	3.50
			2	1200	50.0	30	7.90	3.22
	MV20D	MC61D	1	1175	37.6	-	-	3.26
			2	1800	54.5	32.0	8.00	3.50
			2	1175	50.0	29.6	7.85	3.22

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

1. MC coils available with a factory installed horizontal drain pan. See price pages for specific model number.
 ** Refer to Quick Selection Chart for specific furnace match-up

HEATING CAPACITY - With Variable Speed Furnaces

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	HEATING					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
YZE02411	PV8*A12	FC/MC/PC24A	14	1	430	18.1	-	-	3.16
				2	800	24.0	15.4	8.10	3.36
				2	430	22.8	14.4	8.00	3.10
	PV9*A12	FC/MC/PC24A	14	1	430	18.1	-	-	3.16
				2	800	24.0	15.4	8.10	3.36
				2	430	22.8	14.4	8.00	3.10
	PV8*B16	FC/MC/PC24B	17	1	430	18.1	-	-	3.16
				2	800	24.0	15.4	8.10	3.36
				2	430	22.8	14.4	8.00	3.10
	P(C,V)9*B12	FC/MC/PC24B	17	1	430	18.1	-	-	3.16
				2	800	24.0	15.4	8.10	3.36
				2	430	22.8	14.4	8.00	3.10
	PV8*A12	FC/MC/PC30A	14	1	430	18.1	-	-	3.16
				2	800	24.0	15.4	8.10	3.36
				2	430	22.8	14.4	8.00	3.10
	PV9*A12	FC/MC/PC30A	14	1	430	18.1	-	-	3.16
				2	800	24.0	15.4	8.10	3.36
				2	430	22.8	14.4	8.00	3.10
	PV8*B16	FC/MC/PC30B	17	1	430	18.1	-	-	3.16
				2	800	24.0	15.4	8.10	3.36
				2	430	22.8	14.4	8.00	3.10
	P(C,V)9*B12	FC/MC/PC30B	17	1	430	18.1	-	-	3.16
				2	800	24.0	15.4	8.10	3.36
				2	430	22.8	14.4	8.00	3.10
	PV8*A12	FC/MC/PC36A	14	1	430	18.0	-	-	3.16
				2	800	24.0	15.5	8.15	3.36
				2	430	23.0	14.5	8.00	3.12
	PV9*A12	FC/MC/PC36A	14	1	425	18.0	-	-	3.16
				2	800	24.0	15.5	8.20	3.36
				2	425	23.0	14.5	8.00	3.12
	PV8*B16	FC/MC/PC36B	17	1	430	18.0	-	-	3.16
				2	800	24.0	15.5	8.15	3.36
				2	430	23.0	14.5	8.00	3.12
	P(C,V)9*B12	FC/MC/PC36B	17	1	425	18.0	-	-	3.16
				2	800	24.0	15.5	8.20	3.36
				2	425	23.0	14.5	8.00	3.12
PV9*B12	FC/MC/PC42B	17	1	430	18.1	-	-	3.16	
			2	800	24.0	15.4	8.20	3.34	
			2	430	23.0	14.4	8.00	3.12	
P(C,V)9*B12	FC/MC/PC42B	17	1	425	18.1	-	-	3.16	
			2	800	24.0	15.5	8.20	3.36	
			2	425	23.0	14.5	8.00	3.12	
PV8*B16	HC36	17	1	430	18.0	-	-	3.16	
			2	800	24.0	15.5	8.15	3.36	
			2	430	23.0	14.5	8.00	3.12	
P(C,V)9*B12	HC36	17	1	425	18.0	-	-	3.16	
			2	800	24.0	15.5	8.20	3.36	
			2	425	23.0	14.5	8.00	3.12	
PV8*B16	HD36	-	1	430	18.0	-	-	3.16	
			2	800	24.0	15.5	8.15	3.36	
			2	430	23.0	14.5	8.00	3.12	
P(C,V)9*B12	HD36	-	1	425	18.0	-	-	3.16	
			2	800	24.0	15.5	8.20	3.36	
			2	425	23.0	14.5	8.00	3.12	

For Notes, See Page 11.

HEATING CAPACITY - With Variable Speed Furnaces (Continued)

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	HEATING					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
YZE03611	PV8*B16	FC/MC/PC42B	17	1	650	23.0	—	—	3.54
				2	1200	33.0	21.0	8.50	3.70
				2	650	29.4	19.6	8.35	3.30
	P(C,V)9*B12	FC/MC/PC42B	17	1	660	23.2	—	—	3.56
				2	1200	33.0	21.2	8.50	3.70
				2	660	29.8	19.9	8.40	3.30
	PV8*C16	HC42	21	1	640	23.0	—	—	3.54
				2	1200	33.0	20.8	8.50	3.70
				2	640	29.4	19.5	8.35	3.30
	PV8*C20	HC42	21	1	640	23.0	—	—	3.54
				2	1200	33.0	20.8	8.50	3.70
				2	640	29.4	19.5	8.35	3.30
	P(C,V)9*C16	HC42	21	1	640	23.0	—	—	3.54
				2	1200	33.0	21.0	8.50	3.70
				2	640	29.4	19.6	8.35	3.30
	P(C,V)9*C20	HC42	21	1	640	23.0	—	—	3.54
				2	1200	33.0	20.8	8.50	3.70
				2	640	29.4	19.6	8.35	3.30
	PV8*C16	HD48	—	1	640	23.0	—	—	3.54
				2	1200	33.0	20.8	8.50	3.70
				2	640	29.4	19.5	8.35	3.30
	PV8*C20	HD48	—	1	640	23.0	—	—	3.54
				2	1200	33.0	20.8	8.50	3.70
				2	640	29.4	19.5	8.35	3.30
	P(C,V)9*C16	HD48	—	1	640	23.0	—	—	3.54
				2	1200	33.0	21.0	8.50	3.70
				2	640	29.4	19.6	8.35	3.30
	P(C,V)9*C20	HD48	—	1	640	23.0	—	—	3.54
				2	1200	33.0	20.8	8.50	3.70
				2	640	29.4	19.6	8.35	3.30
PV8*C16	FC/MC/PC48C	21	1	640	23.0	—	—	3.54	
			2	1200	33.0	20.8	8.50	3.70	
			2	640	29.4	19.5	8.35	3.30	
PV8*C20	FC/MC/PC48C	21	1	640	23.0	—	—	3.54	
			2	1200	33.0	20.8	8.50	3.70	
			2	640	29.4	19.5	8.35	3.30	
P(C,V)9*C16	FC/MC/PC48C	21	1	640	23.0	—	—	3.54	
			2	1200	33.0	21.0	8.50	3.70	
			2	640	29.4	19.6	8.35	3.30	
P(C,V)9*C20	FC/MC/PC48C	21	1	640	23.0	—	—	3.54	
			2	1200	33.0	20.8	8.50	3.70	
			2	640	29.4	19.6	8.35	3.30	
P(C,V)9*D20	FC/MC/PC48D	24	1	680	23.2	—	—	3.56	
			2	1220	33.0	21.0	8.50	3.70	
			2	680	29.6	19.7	8.35	3.30	

For Notes, See Page 11.

HEATING CAPACITY - With Variable Speed Furnaces (Continued)

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	HEATING					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
YZE03811	PV8C16	FC/PC60C	21	1	800	24.0	—	—	3.80
				2	1200	35.2	21.8	9.35	4.14
				2	800	34.2	19.3	8.80	3.74
	PV8*C20	FC/PC60C	21	1	640	23.6	—	—	3.74
				2	1200	35.2	21.6	9.35	4.14
				2	640	33.6	18.9	8.70	3.70
	P(C,V)9*C16	FC/PC60C	21	1	640	23.6	—	—	3.74
				2	1200	35.2	21.6	9.40	4.14
				2	640	33.6	18.9	8.70	3.70
	P(C,V)9*C20	FC/PC60C	21	1	660	23.6	—	—	3.76
				2	1200	35.2	21.6	9.40	4.14
				2	660	33.8	19.0	8.75	3.70
	P(C,V)9*D20	FC/MC/PC60D	24	1	660	23.6	—	—	3.76
				2	1200	35.2	21.8	9.40	4.14
				2	660	33.6	19.0	8.75	3.70
	PV8*C20	HC60	21	1	640	23.6	—	—	3.74
				2	1200	35.2	21.6	9.35	4.14
				2	640	33.6	18.9	8.70	3.70
	P(C,V)9*D20	HC60	24	1	660	23.6	—	—	3.76
				2	1200	35.2	21.8	9.40	4.14
				2	660	33.6	19.0	8.75	3.70
	PV8*C20	HD60	—	1	640	23.6	—	—	3.74
				2	1200	35.2	21.6	9.35	4.14
				2	640	33.6	18.9	8.70	3.70
P(C,V)9*D20	HD60	—	1	660	23.6	—	—	3.76	
			2	1200	35.2	21.8	9.40	4.14	
			2	660	33.6	19.0	8.75	3.70	
P(C,V)9*D20	MC61D	24	1	660	23.6	—	—	3.76	
			2	1200	35.2	21.8	9.40	4.14	
			2	660	33.6	19.0	8.75	3.70	
YZE04811	PV8*C20	FC/PC60C	21	1	860	31.2	—	—	3.56
				2	1610	48.0	27.8	8.35	3.96
				2	860	44.5	26.2	8.30	3.66
	P(C,V)9*C20	FC/PC60C	21	1	870	31.2	—	—	3.56
				2	1590	48.0	27.8	8.40	3.96
				2	870	44.5	26.2	8.30	3.66
	P(C,V)9*D20	FC/MC/PC60D	24	1	855	31.2	—	—	3.56
				2	1620	48.0	28.0	8.40	3.96
				2	855	44.5	26.2	8.30	3.66
	PV8*C20	HC60	24	1	860	31.2	—	—	3.56
				2	1610	48.0	27.8	8.35	3.96
				2	860	44.5	26.2	8.30	3.66
	P(C,V)9*D20	HC60	24	1	855	31.2	—	—	3.56
				2	1620	48.0	28.0	8.40	3.96
				2	855	44.5	26.2	8.30	3.66
	PV8*C20	HD60	—	1	860	31.2	—	—	3.56
				2	1610	48.0	27.8	8.35	3.96
				2	860	44.5	26.2	8.30	3.66
	PV9*D20	HD60	—	1	855	31.2	—	—	3.56
				2	1620	48.0	28.0	8.40	3.96
				2	855	44.5	26.2	8.30	3.66
	P(C,V)9*D20	MC61D	24	1	855	31.2	—	—	3.56
				2	1620	48.0	28.0	8.40	3.98
				2	855	44.5	26.2	8.30	3.66

For Notes, See Page 11.

HEATING CAPACITY - With Variable Speed Furnaces (Continued)

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	HEATING					
				STAGE	RATED CFM	NET MBH		HSPF	COP @ 47
						47 OD	17 OD		
YZE06011	PV8*C20	FC/PC60C	21	1	1030	37.0	—	—	3.22
				2	1730	54.5	32.0	8.05	3.48
				2	1030	49.5	29.6	7.85	3.20
	P(C,V)9*C20	FC/PC60C	21	1	990	36.8	—	—	3.20
				2	1640	54.5	31.6	8.00	3.46
				2	990	49.5	29.2	7.80	3.18
	P(C,V)9*D20	FC/MC/PC60D	24	1	990	36.8	—	—	3.20
				2	1620	54.0	31.4	8.00	3.46
				2	990	49.0	29.0	7.75	3.16
	PV8*C20	HC60	24	1	1030	37.0	—	—	3.22
				2	1730	54.5	32.0	8.05	3.48
				2	1030	49.5	29.6	7.85	3.20
	P(C,V)9*D20	HC60	24	1	990	36.8	—	—	3.20
				2	1620	54.0	31.4	8.00	3.46
				2	990	49.0	29.0	7.75	3.16
	PV8*C20	HD60	—	1	1030	37.0	—	—	3.22
				2	1730	54.5	32.0	8.05	3.48
				2	1030	49.5	29.6	7.85	3.20
	P(C,V)9*D20	HD60	—	1	990	36.8	—	—	3.20
				2	1620	54.0	31.4	8.00	3.46
				2	990	49.0	29.0	7.75	3.16
	PV8*C20	MC61D	24	1	990	36.8	—	—	3.20
				2	1620	54.0	31.4	8.00	3.48
				2	990	49.0	29.0	7.75	3.16
P(C,V)9*D20	MC61D	24	1	990	36.8	—	—	3.20	
			2	1620	54.0	31.4	8.00	3.48	
			2	990	49.0	29.0	7.75	3.16	

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

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.

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

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)	
	Cooling	Heating
024	71	72
036	72	73
038	70	71
048	72	73
060	73	74

* Rated in accordance with ARI 270-95 Standards.

COLOR GRILLES

CHOICE OF SEVERAL COLOR COIL GRILLES TO COMPLIMENT ANY HOME.		
Color Grill	Color Description	
1CP0130	Terra Cotta	024
1CP0136	Terra Cotta	036, 038, 048, 060
1CP0230	Jet Black	024
1CP0236	Jet Black	036, 038, 048, 060
1CP0330	Stone	024
1CP0336	Stone	036, 048, 060
1CP0430	Bermuda	024
1CP0436	Bermuda	036, 038, 048, 060
1CP0530	Gunmetal	024
1CP0536	Gunmetal	036, 038, 048, 060
1CP0630	Chocolate	024
1CP0636	Chocolate	036, 038, 048, 060

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		YZE02411														
INDOOR COIL MODEL NO.		FC/MC36B + MV12B														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	550					600					650				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	19.5	30.3	25.6	25.2	19.8	20.4	31.2	26.6	26.2	20.0	21.4	32.2	27.6	27.1	20.3
	S.C.	18.0	3.2	3.2	3.3	3.3	18.8	3.3	3.2	3.3	3.3	19.7	3.3	3.2	3.3	3.3
	K.W.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0
75	T.C.	18.6	19.2	18.4	20.8	22.6	19.5	19.7	18.8	21.2	23.2	20.3	20.3	19.2	21.5	23.7
	S.C.	17.1	16.7	13.7	14.1	11.1	17.9	17.7	14.5	14.8	11.7	18.6	18.6	15.2	15.5	12.4
	K.W.	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.1
85	T.C.	17.7	18.1	17.4	19.6	21.3	18.5	18.5	17.9	19.9	21.6	19.3	19.0	18.4	20.2	22.0
	S.C.	16.2	16.0	13.2	13.6	10.7	16.9	16.9	13.9	14.1	11.3	17.6	17.8	14.6	14.7	11.8
	K.W.	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
95	T.C.	16.9	17.0	16.4	18.3	20.0	17.6	17.4	16.7	18.6	20.3	18.4	17.9	17.1	18.9	20.5
	S.C.	15.3	15.3	12.6	13.0	10.3	16.0	16.1	13.3	13.6	10.8	16.7	17.0	14.0	14.2	11.3
	K.W.	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
105	T.C.	16.1	16.0	15.2	17.1	18.6	16.8	16.4	15.5	17.4	18.8	17.5	16.8	15.9	17.6	19.0
	S.C.	14.6	14.8	12.1	12.5	9.9	15.2	15.5	12.7	13.1	10.3	15.8	16.2	13.4	13.7	10.7
	K.W.	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
115	T.C.	15.4	15.0	14.0	15.9	17.2	16.0	15.3	14.3	16.1	17.4	16.7	15.7	14.7	16.4	17.6
	S.C.	13.8	14.3	11.6	12.1	9.4	14.4	14.8	12.2	12.6	9.8	14.9	15.4	12.8	13.2	10.2
	K.W.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	1.9
125	T.C.	14.7	13.9	12.8	14.7	15.8	15.3	14.3	13.1	14.9	16.0	15.8	14.6	13.4	15.1	16.2
	S.C.	13.1	13.7	11.0	11.6	9.0	13.6	14.2	11.6	12.2	9.4	14.1	14.6	12.2	12.7	9.7
	K.W.	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
AV24	-	1.01	1.00	1.00
MV12B	FC/MC42B	0.97	1.06	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*A12	FC/MC/PC24A	0.99	1.06	1.01
PV9*A12	FC/MC/PC24A	0.99	1.06	1.01
PV8*B16	FC/MC/PC24B	0.99	1.06	1.01
P(C,V)9*B12	FC/MC/PC24B	0.99	1.06	1.01
PV8*A12	FC/MC/PC30A	0.99	1.06	1.01
PV9*A12	FC/MC/PC30A	0.99	1.06	1.01
PV8*B16	FC/MC/PC30B	0.99	1.06	1.01
P(C,V)9*B12	FC/MC/PC30B	0.99	1.06	1.01
PV8*A12	FC/MC/PC36A	0.94	0.85	0.92
PV9*A12	FC/MC/PC36A	0.99	1.01	0.99
PV8*B16	FC/MC/PC36B	0.94	0.85	0.92
P(C,V)9*B12	FC/MC/PC36B	0.99	1.01	0.99
PV8*B16	FC/MC/PC42B	0.91	0.88	0.89
P(C,V)9*B12	FC/MC/PC42B	0.96	0.99	0.98
PV8*B16	HC36	0.94	0.85	0.92
P(C,V)9*B12	HC36	0.99	1.01	0.99
PV8*B16	HD36	0.94	0.85	0.92
P(C,V)9*B12	HD36	0.99	1.01	0.99

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		YZE02411														
INDOOR COIL MODEL NO.		FC/MC36B + MV12B														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	700					800					900				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	23.9	24.9	23.7	27.3	29.1	25.2	25.8	24.6	28.0	30.0	26.5	26.7	25.4	28.8	30.9
	S.C.	22.6	21.7	18.0	18.9	14.6	23.8	23.1	19.5	20.3	15.7	24.9	24.5	21.0	21.6	16.8
	K.W.	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
75	T.C.	23.4	24.1	23.0	26.1	28.0	24.6	24.9	23.7	26.9	28.8	25.9	25.8	24.4	27.6	29.6
	S.C.	22.1	21.5	17.7	18.3	14.3	23.2	22.9	19.1	19.7	15.4	24.3	24.3	20.5	21.0	16.5
	K.W.	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
85	T.C.	22.9	23.2	22.2	25.0	26.9	24.1	24.1	22.8	25.7	27.6	25.2	24.9	23.5	26.4	28.3
	S.C.	21.6	21.2	17.4	17.8	14.0	22.7	22.6	18.8	19.2	15.0	23.6	24.1	20.1	20.5	16.1
	K.W.	1.7	1.8	1.7	1.8	1.8	1.7	1.8	1.7	1.8	1.8	1.8	1.8	1.7	1.8	1.8
95	T.C.	22.4	22.4	21.5	23.9	25.8	23.5	23.2	22.0	24.6	26.4	24.6	24.0	22.5	25.3	27.1
	S.C.	21.2	20.9	17.1	17.3	13.6	22.1	22.4	18.4	18.6	14.7	23.0	23.8	19.7	19.9	15.7
	K.W.	1.9	1.9	1.9	2.0	2.0	1.9	2.0	1.9	2.0	2.0	2.0	2.0	1.9	2.0	2.0
105	T.C.	21.3	21.1	20.0	22.5	24.1	22.4	22.0	20.5	23.2	24.7	23.4	22.8	21.0	23.8	25.3
	S.C.	20.2	20.0	16.4	16.8	13.2	21.0	21.2	17.6	18.1	14.1	21.8	22.3	18.9	19.4	15.1
	K.W.	2.2	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.3	2.3	2.2	2.3	2.2	2.3	2.3
115	T.C.	20.3	19.9	18.7	21.2	22.5	21.3	20.8	19.2	21.7	23.0	22.2	21.6	19.6	22.3	23.5
	S.C.	19.2	19.1	15.6	16.3	12.7	19.9	20.0	16.9	17.6	13.6	20.6	20.9	18.1	18.9	14.5
	K.W.	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.6
125	T.C.	19.3	18.8	17.3	19.8	20.9	20.2	19.6	17.8	20.3	21.3	21.0	20.4	18.2	20.8	21.7
	S.C.	18.2	18.2	14.9	15.8	12.3	18.8	18.9	16.1	17.1	13.1	19.4	19.4	17.3	18.4	14.0
	K.W.	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	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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
AV24	-	1.01	1.00	1.00
MV12B	FC/MC42B	0.96	1.05	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*A12	FC/MC/PC24A	1.00	1.02	1.00
PV9*A12	FC/MC/PC24A	1.00	1.02	1.00
PV8*B16	FC/MC/PC24B	1.00	1.02	1.00
P(C,V)9*B12	FC/MC/PC24B	1.00	1.02	1.00
PV8*A12	FC/MC/PC30A	1.00	1.02	1.00
PV9*A12	FC/MC/PC30A	1.00	1.02	1.00
PV8*B16	FC/MC/PC30B	1.00	1.02	1.00
P(C,V)9*B12	FC/MC/PC30B	1.00	1.02	1.00
PV8*A12	FC/MC/PC36A	1.01	1.02	0.99
PV9*A12	FC/MC/PC36A	1.01	1.03	0.99
PV8*B16	FC/MC/PC36B	1.01	1.02	0.99
P(C,V)9*B12	FC/MC/PC36B	1.01	1.03	0.99
PV8*B16	FC/MC/PC42B	1.00	1.03	0.97
P(C,V)9*B12	FC/MC/PC42B	1.00	1.03	0.97
PV8*B16	HC36	1.01	1.02	0.99
P(C,V)9*B12	HC36	1.01	1.03	0.99
PV8*B16	HD36	1.01	1.02	0.99
P(C,V)9*B12	HD36	1.01	1.03	0.99

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		YZE03611														
INDOOR COIL MODEL NO.		FC/MC48C + MV16C														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	750					800					850				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	62	62	67	72	72
65	T.C.	24.3	26.1	25.5	28.1	31.9	24.8	26.4	25.9	28.5	32.2	25.3	26.6	26.3	28.8	32.5
	S.C.	23.9	22.4	18.5	19.1	15.6	24.4	22.8	19.1	19.5	16.2	24.9	23.2	19.7	19.9	16.8
	K.W.	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.2
75	T.C.	23.2	24.9	24.5	27.0	30.6	23.7	25.2	24.8	27.3	30.9	24.2	25.4	25.2	27.6	31.1
	S.C.	22.8	21.6	18.1	18.5	15.3	23.3	22.1	18.7	19.0	15.8	23.8	22.6	19.2	19.5	16.3
	K.W.	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4
85	T.C.	22.1	23.6	23.4	25.9	29.4	22.6	23.9	23.7	26.2	29.5	23.1	24.2	24.1	26.4	29.7
	S.C.	21.7	20.8	17.7	17.9	15.0	22.2	21.4	18.2	18.5	15.4	22.7	22.0	18.8	19.1	15.8
	K.W.	1.8	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
95	T.C.	21.0	22.3	22.4	24.8	28.1	21.5	22.7	22.6	25.0	28.2	21.9	23.0	22.9	25.2	28.3
	S.C.	20.7	20.0	17.3	17.3	14.6	21.1	20.7	17.8	18.0	15.0	21.6	21.4	18.3	18.7	15.4
	K.W.	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	1.9	1.9
105	T.C.	19.8	20.9	20.9	23.1	26.1	20.3	21.2	21.1	23.3	26.2	20.7	21.6	21.4	23.5	26.4
	S.C.	19.5	19.1	16.3	16.6	13.9	20.0	19.8	16.9	17.3	14.2	20.4	20.4	17.4	18.0	14.5
	K.W.	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.2
115	T.C.	18.7	19.5	19.4	21.5	24.2	19.1	19.8	19.6	21.7	24.3	19.5	20.2	19.9	21.9	24.5
	S.C.	18.4	18.3	15.4	16.0	13.3	18.8	18.9	16.0	16.6	13.5	19.2	19.4	16.5	17.3	13.7
	K.W.	2.7	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5
125	T.C.	17.5	18.0	18.0	19.9	22.3	17.9	18.4	18.2	20.1	22.5	18.3	18.7	18.3	20.3	22.6
	S.C.	17.3	17.4	14.4	15.4	12.6	17.7	18.0	15.0	16.0	12.8	18.1	18.5	15.7	16.6	12.9
	K.W.	3.0	3.0	3.0	2.9	2.9	3.0	3.0	3.0	2.9	2.9	3.0	2.9	2.9	2.9	2.9

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
AV/SV48	-	1.00	1.00	1.00
MV12B	FC/MC42B	0.98	0.98	1.00
MV20D	FC/MC48D	0.99	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*B16	FC/MC/PC42B	0.92	0.89	0.98
P(C,V)9*B12	FC/MC/PC42B	0.98	1.05	1.02
PV8*C16	FC/MC/PC42C	0.92	0.89	0.98
PV8*C20	FC/MC/PC42C	0.92	0.89	0.98
P(C,V)9*C16	FC/MC/PC42C	0.98	1.05	1.02
P(C,V)9*C20	FC/MC/PC42C	0.98	1.05	1.02
PV8*C16	FC/MC/PC48C	0.97	0.93	0.98
PV8*C20	FC/MC/PC48C	0.97	0.93	0.98
P(C,V)9*C16	FC/MC/PC48C	1.00	1.08	1.00
P(C,V)9*C20	FC/MC/PC48C	1.01	1.09	1.00
P(C,V)9*D20	FC/MC/PC48D	1.00	1.07	1.00
PV8*C16	HC42	0.97	0.93	0.98
PV8*C20	HC42	0.97	0.93	0.98
P(C,V)9*C16	HC42	1.00	1.08	1.00
P(C,V)9*C20	HC42	1.01	1.09	1.00
PV8*C16	HD48	0.97	0.93	0.98
PV8*C20	HD48	0.97	0.93	0.98
P(C,V)9*C16	HD48	1.00	1.08	1.00
P(C,V)9*C20	HD48	1.01	1.09	1.00

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		YZE03611														
INDOOR COIL MODEL NO.		FC/MC48C + MV16C														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1100					1200					1300				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	31.6	36.2	37.2	37.3	38.5	33.1	36.3	37.6	37.4	38.3	34.7	36.5	37.9	37.6	38.1
	S.C.	31.2	30.3	26.6	24.5	19.1	32.9	31.3	27.6	24.9	19.3	34.5	32.3	28.5	25.4	19.5
	K.W.	1.9	2.0	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.1
75	T.C.	30.9	34.6	35.3	36.5	38.4	32.4	34.9	35.7	36.8	38.3	33.9	35.2	36.0	37.0	38.1
	S.C.	30.7	29.7	25.8	24.4	19.4	32.1	30.8	26.8	25.1	19.6	33.5	31.9	27.7	25.8	19.8
	K.W.	2.2	2.3	2.3	2.3	2.4	2.2	2.3	2.3	2.3	2.4	2.3	2.3	2.4	2.3	2.4
85	T.C.	30.3	33.1	33.4	35.7	38.3	31.7	33.5	33.8	36.1	38.2	33.0	34.0	34.1	36.4	38.2
	S.C.	30.1	29.1	25.0	24.4	19.7	31.3	30.4	26.0	25.2	19.9	32.4	31.6	26.9	26.1	20.2
	K.W.	2.5	2.5	2.5	2.6	2.6	2.5	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.7
95	T.C.	29.7	31.6	31.5	34.9	38.1	30.9	32.1	31.9	35.4	38.2	32.2	32.7	32.2	35.9	38.3
	S.C.	29.5	28.5	24.2	24.4	20.0	30.4	29.9	25.2	25.4	20.2	31.4	31.2	26.1	26.4	20.5
	K.W.	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.9	2.9	2.8	2.9	2.8	2.9	3.0
105	T.C.	28.2	29.7	29.6	32.5	35.8	29.3	30.3	29.9	33.0	36.0	30.4	30.9	30.2	33.5	36.2
	S.C.	28.0	27.2	23.2	23.3	19.0	28.8	28.5	23.9	24.3	19.4	29.7	29.7	24.6	25.3	19.7
	K.W.	3.2	3.2	3.2	3.3	3.3	3.2	3.3	3.2	3.3	3.4	3.3	3.3	3.2	3.3	3.4
115	T.C.	26.7	27.9	27.7	30.2	33.5	27.7	28.5	28.0	30.7	33.8	28.6	29.1	28.3	31.2	34.2
	S.C.	26.6	26.0	22.3	22.3	18.0	27.3	27.1	22.7	23.3	18.5	28.0	28.1	23.1	24.3	19.0
	K.W.	3.6	3.7	3.6	3.7	3.8	3.7	3.7	3.6	3.7	3.8	3.7	3.7	3.6	3.8	3.8
125	T.C.	25.3	26.0	25.9	27.9	31.2	26.0	26.7	26.2	28.4	31.7	26.8	27.3	26.4	29.0	32.2
	S.C.	25.1	24.7	21.3	21.3	17.0	25.7	25.7	21.5	22.3	17.6	26.3	26.6	21.6	23.2	18.2
	K.W.	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.0	4.2	4.2

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
AV/SV48	-	1.00	1.00	1.00
MV12B	FC/MC42B	0.99	0.93	1.01
MV20D	FC/MC48D	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*B16	FC/MC/PC42B	1.01	0.94	1.03
P(C,V)9*B12	FC/MC/PC42B	1.09	0.91	1.12
PV8*C16	FC/MC/PC42C	1.01	0.94	1.03
PV8*C20	FC/MC/PC42C	1.01	0.94	1.03
P(C,V)9*C16	FC/MC/PC42C	1.09	0.91	1.12
P(C,V)9*C20	FC/MC/PC42C	1.09	0.91	1.12
PV8*C16	FC/MC/PC48C	1.05	1.02	1.05
PV8*C20	FC/MC/PC48C	1.05	1.02	1.05
P(C,V)9*C16	FC/MC/PC48C	1.11	1.00	1.11
P(C,V)9*C20	FC/MC/PC48C	1.11	1.00	1.11
P(C,V)9*D20	FC/MC/PC48D	1.11	1.00	1.11
PV8*C16	HC42	1.05	1.02	1.05
PV8*C20	HC42	1.05	1.02	1.05
P(C,V)9*C16	HC42	1.11	1.00	1.11
P(C,V)9*C20	HC42	1.11	1.00	1.11
PV8*C16	HD48	1.05	1.02	1.05
PV8*C20	HD48	1.05	1.02	1.05
P(C,V)9*C16	HD48	1.11	1.00	1.11
P(C,V)9*C20	HD48	1.11	1.00	1.11

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		YZE03811														
INDOOR COIL MODEL NO.		MC61D + MV12D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	700					750					800				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	24.3	26.0	26.0	28.7	31.7	24.8	26.4	26.3	28.9	32.1	25.3	26.7	26.6	29.2	32.5
	S.C.	24.0	22.6	19.1	18.9	15.8	24.6	23.5	19.9	19.8	16.2	25.1	24.3	20.6	20.7	16.7
	K.W.	1.1	1.0	1.1	1.0	1.0	1.1	1.0	1.1	1.0	1.0	1.1	1.0	1.1	1.0	1.0
75	T.C.	23.3	24.6	24.5	27.3	30.3	23.8	25.0	24.8	27.6	30.7	24.2	25.3	25.2	27.9	31.0
	S.C.	23.0	21.8	18.5	18.5	15.2	23.5	22.7	19.3	19.3	15.6	24.0	23.6	20.0	20.1	16.0
	K.W.	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
85	T.C.	22.3	23.1	23.0	25.9	28.9	22.7	23.5	23.4	26.3	29.2	23.2	23.9	23.7	26.7	29.5
	S.C.	22.1	21.1	17.9	18.0	14.6	22.5	22.0	18.6	18.8	15.0	22.9	22.9	19.3	19.6	15.4
	K.W.	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
95	T.C.	21.3	21.6	21.5	24.5	27.4	21.7	22.1	21.9	25.0	27.7	22.1	22.5	22.3	25.5	28.0
	S.C.	21.1	20.3	17.3	17.5	13.9	21.5	21.2	18.0	18.7	14.4	21.9	22.1	18.6	19.0	14.8
	K.W.	1.7	1.8	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
105	T.C.	19.6	20.3	19.9	22.6	25.3	20.0	20.7	20.2	23.0	25.5	20.4	21.0	20.6	23.4	25.8
	S.C.	19.5	18.8	16.5	16.8	13.2	19.9	19.6	17.2	17.5	13.7	20.3	20.4	17.9	18.2	14.1
	K.W.	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
115	T.C.	18.1	19.0	18.3	20.7	23.2	18.4	19.3	18.6	21.0	23.4	18.7	19.6	18.9	21.3	23.6
	S.C.	17.9	17.4	15.8	16.1	12.5	18.3	18.0	16.4	16.8	13.0	18.7	18.7	17.1	17.5	13.5
	K.W.	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
125	T.C.	16.5	17.7	16.7	18.9	21.1	16.8	17.9	17.0	19.1	21.3	17.1	18.2	17.3	19.2	21.5
	S.C.	16.4	15.9	15.0	15.5	11.8	16.8	16.5	15.7	16.1	12.3	17.0	17.0	16.3	16.8	12.8
	K.W.	2.7	2.7	2.7	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
F*FV060	-	0.99	0.99	1.02
AV/SV48	-	0.99	0.99	1.02
MV20D	FC/MC60D	0.99	0.99	1.02
MV20D	MC61D	1.00	1.00	1.02

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C16	FC/MC60C	0.99	0.99	1.02
PV8*C20	FC/MC60C	0.99	0.99	1.02
P(C,V)9*C16	FC/MC60C	0.99	0.99	1.02
P(C,V)9*C20	FC/MC60C	0.99	0.99	1.02
P(C,V)9*D20	FC/MC/PC60D	0.99	0.99	1.02
PV8*C20	HC60	0.99	0.99	1.02
P(C,V)9*C20	HC60	0.99	0.99	1.02
PV8*C20	HD60	0.99	0.99	1.02
P(C,V)9*C20	HD60	0.99	0.99	1.02
P(C,V)9*D20	MC61D	0.99	0.99	1.02

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		YZE03811														
INDOOR COIL MODEL NO.		MC61D + MV12D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1000					1100					1200				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	35.2	37.5	37.3	41.3	46.9	36.2	38.4	37.5	42.0	47.6	37.3	39.3	37.6	42.8	48.2
	S.C.	34.4	32.8	28.6	28.1	22.6	35.0	34.2	29.8	29.4	23.4	35.6	35.5	30.9	30.6	24.2
	K.W.	1.8	1.8	1.9	1.9	2.0	1.8	1.8	1.8	1.9	2.0	1.9	1.8	1.8	1.9	2.0
75	T.C.	33.7	35.7	35.5	39.3	44.5	34.7	36.5	35.8	40.0	45.1	35.6	37.3	36.0	40.7	45.7
	S.C.	33.0	31.7	27.6	27.2	21.8	33.6	33.0	28.7	28.4	22.6	34.2	34.3	29.8	29.6	23.4
	K.W.	2.1	2.1	2.1	2.1	2.3	2.1	2.1	2.1	2.1	2.3	2.1	2.1	2.1	2.2	2.3
85	T.C.	32.3	33.8	33.7	37.3	42.0	33.1	34.5	34.1	38.0	42.7	33.9	35.2	34.4	38.7	43.3
	S.C.	31.6	30.7	26.5	26.3	21.0	32.3	31.9	27.7	27.5	21.8	32.9	33.0	28.8	28.6	22.5
	K.W.	2.3	2.3	2.3	2.4	2.5	2.3	2.3	2.3	2.4	2.5	2.4	2.4	2.3	2.4	2.5
95	T.C.	30.9	32.0	31.9	35.3	39.6	31.6	32.6	32.4	36.0	40.2	32.2	33.1	32.9	36.6	40.8
	S.C.	30.2	29.7	25.5	25.3	20.2	30.9	30.7	26.6	27.4	21.0	31.6	31.8	27.7	27.6	21.7
	K.W.	2.6	2.6	2.6	2.7	2.8	2.6	2.6	2.6	2.7	2.8	2.6	2.6	2.6	2.7	2.8
105	T.C.	29.3	30.1	29.7	33.1	37.0	30.0	30.8	30.3	33.7	37.5	30.6	31.5	30.8	34.2	37.9
	S.C.	28.8	28.3	24.4	24.5	19.4	29.5	29.2	25.5	25.8	20.2	30.2	30.0	26.6	27.0	20.9
	K.W.	3.0	3.0	3.0	3.1	3.1	3.0	3.0	3.0	3.1	3.1	3.0	3.0	3.0	3.1	3.2
115	T.C.	27.8	28.2	27.6	30.9	34.5	28.5	29.1	28.2	31.4	34.8	29.0	30.0	28.7	31.8	35.1
	S.C.	27.4	27.0	23.4	23.8	18.7	28.1	27.7	24.5	25.1	19.4	28.8	28.3	25.6	26.4	20.1
	K.W.	3.4	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.4	3.5	3.5	3.4	3.4	3.5	3.5
125	T.C.	26.3	26.3	25.6	28.7	31.9	26.9	27.4	26.1	29.1	32.2	27.5	28.5	26.7	29.5	32.3
	S.C.	26.0	25.7	22.4	23.0	17.9	26.7	26.2	23.5	24.4	18.6	27.4	26.6	24.5	25.7	19.3
	K.W.	3.8	3.8	3.7	3.8	3.9	3.9	3.8	3.7	3.8	3.9	3.9	3.8	3.8	3.8	3.9

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
F*FV060	-	1.00	1.00	1.00
AV/SV48	-	1.00	1.00	1.00
MV20D	FC/MC60D	1.00	1.00	1.00
MV20D	MC61D	1.01	1.00	1.01

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C16	FC/MC60C	1.00	0.98	1.00
PV8*C20	FC/MC60C	1.00	0.98	1.00
P(C,V)9*C16	FC/MC60C	1.00	0.98	1.00
P(C,V)9*C20	FC/MC60C	1.00	0.98	1.00
P(C,V)9*D20	FC/MC/PC60D	1.00	0.98	1.00
PV8*C20	HC60	1.00	0.98	1.00
P(C,V)9*C20	HC60	1.00	0.98	1.00
PV8*C20	HD60	1.00	0.98	1.00
P(C,V)9*C20	HD60	1.00	0.98	1.00
P(C,V)9*D20	MC61D	1.00	0.98	1.00

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		YZE04811														
INDOOR COIL MODEL NO.		FC/MC60D + MV20D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	950					1000					1050				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	31.6	34.3	34.2	39.4	44.4	31.9	34.5	34.8	40.0	44.9	32.3	34.8	35.4	40.6	45.4
	S.C.	31.6	29.3	24.7	25.3	20.9	31.9	29.9	25.4	26.0	21.3	32.3	30.5	26.2	26.8	21.7
	K.W.	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75	T.C.	30.4	32.4	32.5	37.2	42.1	30.7	32.7	33.0	37.7	42.5	31.1	33.0	33.5	38.2	43.0
	S.C.	30.3	28.2	23.9	24.5	20.0	30.7	28.8	24.6	25.2	20.4	31.1	29.4	25.3	25.9	20.9
	K.W.	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85	T.C.	29.2	30.6	30.8	35.1	39.7	29.5	30.8	31.2	35.5	40.1	29.9	31.1	31.5	35.9	40.5
	S.C.	29.1	27.0	23.2	23.6	19.1	29.5	27.6	23.9	24.3	19.6	29.9	28.2	24.5	25.0	20.0
	K.W.	2.3	2.3	2.2	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2
95	T.C.	28.0	28.7	29.1	32.9	37.3	28.4	29.0	29.4	33.2	37.7	28.7	29.2	29.6	33.5	38.0
	S.C.	27.9	25.9	22.5	22.8	18.3	28.3	26.5	23.1	23.5	18.7	28.7	27.1	23.6	24.2	19.2
	K.W.	2.6	2.6	2.6	2.5	2.5	2.6	2.6	2.6	2.5	2.5	2.6	2.6	2.6	2.5	2.5
105	T.C.	26.3	26.7	27.0	30.6	34.8	26.8	27.2	27.2	30.8	35.1	27.2	27.6	27.5	31.1	35.4
	S.C.	26.2	24.9	21.5	22.0	17.5	26.7	25.5	22.0	22.6	17.9	27.1	26.2	22.6	23.2	18.4
	K.W.	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
115	T.C.	24.7	24.8	24.9	28.3	32.4	25.3	25.4	25.2	28.5	32.6	25.8	26.1	25.4	28.7	32.9
	S.C.	24.6	23.9	20.5	21.1	16.8	25.1	24.6	21.1	21.7	17.2	25.6	25.4	21.6	22.3	17.5
	K.W.	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
125	T.C.	23.2	22.8	22.8	26.1	30.0	23.7	23.7	23.1	26.2	30.1	24.3	24.5	23.4	26.3	30.3
	S.C.	23.0	22.9	19.6	20.3	16.1	23.6	23.7	20.1	20.9	16.4	24.1	24.5	20.6	21.4	16.7
	K.W.	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
F*FV060	-	1.00	1.00	1.00
AV/SV48	-	1.00	1.00	1.00
MV20D	MC61D	1.01	1.01	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C20	PC/PC60C	0.98	0.94	0.99
P(C,V)9*C20	FC/PC60C	1.00	1.09	1.02
P(C,V)9*D20	FC/MC/PC60D	0.98	0.94	0.99
PV8*C20	HC60	0.98	0.94	0.99
P(C,V)9*D20	HC60	0.98	0.94	0.99
PV8*C20	HD60	0.98	0.94	0.99
P(C,V)9*D20	HD60	0.98	0.94	0.99
P(C,V)9*D20	MC61D	1.00	1.09	1.02

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		YZE04811														
INDOOR COIL MODEL NO.		FC/MC60D + MV20D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1500					1600					1700				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	42.6	46.0	47.1	52.2	59.2	43.3	46.5	47.6	52.8	59.5	44.0	46.9	48.0	53.4	59.7
	S.C.	43.5	41.8	35.9	36.2	29.0	44.2	42.9	37.0	37.3	29.6	44.9	44.0	38.0	38.4	30.2
	K.W.	2.6	2.6	2.6	2.7	2.8	2.6	2.7	2.7	2.8	2.9	2.7	2.7	2.7	2.8	2.9
75	T.C.	41.4	44.1	45.0	50.0	56.4	42.1	44.5	45.4	50.6	56.7	42.7	44.9	45.9	51.1	57.0
	S.C.	42.2	40.7	35.0	35.3	28.0	42.9	41.7	36.1	36.3	28.7	43.6	42.7	37.1	37.4	29.3
	K.W.	2.9	3.0	3.0	3.1	3.2	3.0	3.0	3.0	3.1	3.2	3.0	3.1	3.1	3.2	3.3
85	T.C.	40.2	42.2	42.9	47.8	53.6	40.8	42.6	43.3	48.3	53.9	41.5	43.0	43.7	48.7	54.3
	S.C.	41.0	39.6	34.1	34.3	27.1	41.6	40.6	35.2	35.4	27.7	42.2	41.5	36.2	36.4	28.3
	K.W.	3.3	3.3	3.3	3.4	3.5	3.3	3.3	3.4	3.4	3.5	3.4	3.4	3.4	3.5	3.6
95	T.C.	39.0	40.2	40.8	45.6	50.8	39.6	40.7	41.2	46.0	51.2	40.2	41.1	41.6	46.3	51.5
	S.C.	39.7	38.4	33.3	33.3	26.1	40.3	39.4	34.3	34.4	26.8	40.8	40.3	35.3	35.5	27.4
	K.W.	3.6	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.8	3.9	3.7	3.7	3.7	3.8	3.9
105	T.C.	36.7	37.5	37.7	42.4	47.2	37.2	37.9	38.1	42.7	47.6	37.7	38.2	38.4	43.0	48.0
	S.C.	37.3	36.4	31.4	32.1	25.2	37.8	37.1	32.4	33.1	25.7	38.2	37.8	33.3	34.1	26.3
	K.W.	4.2	4.2	4.1	4.2	4.3	4.2	4.2	4.2	4.3	4.4	4.2	4.2	4.2	4.3	4.4
115	T.C.	34.5	34.9	34.7	39.3	43.6	34.9	35.2	35.1	39.5	44.1	35.3	35.5	35.4	39.8	44.5
	S.C.	35.0	34.3	29.6	30.9	24.2	35.4	34.8	30.5	31.8	24.7	35.7	35.3	31.3	32.7	25.2
	K.W.	4.6	4.6	4.6	4.7	4.8	4.7	4.7	4.7	4.8	4.8	4.7	4.7	4.7	4.8	4.9
125	T.C.	32.3	32.3	31.8	36.2	40.1	32.6	32.5	32.0	36.4	40.6	32.8	32.7	32.3	36.5	41.0
	S.C.	32.7	32.3	27.9	29.6	23.3	32.9	32.6	28.6	30.5	23.7	33.2	32.8	29.3	31.4	24.1
	K.W.	5.1	5.1	5.1	5.2	5.3	5.2	5.2	5.1	5.2	5.3	5.2	5.2	5.2	5.3	5.4

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.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
F*FV060	-	0.95	1.00	0.95
AV/SV48	-	0.95	1.00	0.95
MV20D	MC61D	1.01	1.01	1.01

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C20	PC/PC60C	1.02	0.98	1.02
P(C,V)9*C20	FC/PC60C	1.07	0.97	1.07
P(C,V)9*D20	FC/MC/PC60D	1.02	0.98	1.02
PV8*C20	HC60	1.02	0.98	1.02
P(C,V)9*D20	HC60	1.02	0.98	1.02
PV8*C20	HD60	1.02	0.98	1.02
P(C,V)9*D20	HD60	1.02	0.98	1.02
P(C,V)9*D20	MC61D	1.07	0.97	1.07

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		YZE06011														
INDOOR COIL MODEL NO.		MC61D + MV20D														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1100					1150					1200				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	37.0	39.7	40.4	44.5	49.2	37.7	40.2	40.9	44.9	49.8	38.4	40.8	41.4	45.2	50.3
	S.C.	37.9	34.8	29.7	29.4	24.3	38.6	36.1	30.4	30.1	23.9	39.2	37.3	31.1	30.7	23.6
	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.	35.5	37.7	38.3	42.3	46.9	36.1	38.2	38.7	42.7	47.3	36.8	38.7	39.1	43.1	47.8
	S.C.	36.3	33.7	28.7	28.5	23.1	37.0	34.7	29.3	29.2	23.1	37.6	35.8	30.0	29.8	23.1
	K.W.	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85	T.C.	34.0	35.7	36.1	40.2	44.6	34.6	36.2	36.4	40.6	44.9	35.1	36.6	36.8	41.1	45.3
	S.C.	34.8	32.5	27.7	27.7	21.9	35.4	33.4	28.3	28.3	22.3	36.0	34.3	28.9	28.9	22.6
	K.W.	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
95	T.C.	32.5	33.7	33.9	38.0	42.3	33.0	34.1	34.2	38.5	42.5	33.5	34.5	34.5	39.0	42.7
	S.C.	33.3	31.4	26.6	26.8	20.8	33.8	32.1	27.2	27.4	21.4	34.3	32.7	27.8	28.0	22.1
	K.W.	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
105	T.C.	30.7	31.5	31.5	35.5	39.4	31.2	31.9	31.8	35.8	39.6	31.6	32.2	32.2	36.1	39.7
	S.C.	31.4	30.1	25.6	25.7	19.9	31.9	30.7	26.2	26.3	20.5	32.4	31.3	26.8	27.0	21.0
	K.W.	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.8	3.8
115	T.C.	29.0	29.3	29.3	33.1	36.5	29.4	29.7	29.5	33.2	36.7	29.8	30.0	29.8	33.3	36.8
	S.C.	29.7	28.9	24.5	24.6	19.0	30.1	29.4	25.2	25.3	19.5	30.5	30.0	25.8	25.9	20.0
	K.W.	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
125	T.C.	27.3	27.1	27.0	30.6	33.7	27.6	27.5	27.2	30.5	33.8	27.9	27.8	27.5	30.4	33.9
	S.C.	27.9	27.6	23.4	23.6	18.2	28.2	28.1	24.1	24.2	18.5	28.5	28.6	24.9	24.9	18.9
	K.W.	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9

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
F*FV060	-	1.00	1.00	1.01
AV/SV60	-	1.00	1.00	1.01
MV20D	FC/MC60D	1.00	1.00	1.01

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C20	FC/PC60C	0.98	0.94	1.01
P(C,V)9*D20	FC/MC/PC60D	0.98	1.01	1.01
PV8*C20	HC60	0.98	0.94	1.01
P(C,V)9*D20	HC60	0.98	1.01	1.01
PV8*C20	HD60	0.98	0.94	1.01
P(C,V)9*D20	HD60	0.98	1.01	1.01
PV8*C20	MC61D	0.99	0.94	1.01
P(C,V)9*D20	MC61D	0.99	1.01	1.01

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		YZE06011														
INDOOR COIL MODEL NO.		MC61D + MV20D														
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	72	57	62	62	67	72
65	T.C.	53.2	56.9	56.8	59.8	61.0	54.1	57.0	57.4	59.5	60.9	55.0	57.1	58.0	59.2	60.7
	S.C.	53.6	50.4	42.0	41.8	29.6	54.6	51.9	43.0	41.7	29.8	55.6	53.4	44.0	41.5	30.1
	K.W.	3.5	3.6	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.6	3.7	3.6	3.7	3.7
75	T.C.	51.2	54.1	54.1	57.8	60.2	52.0	54.4	54.6	57.7	60.2	52.8	54.6	55.1	57.6	60.2
	S.C.	51.7	48.7	40.8	40.6	29.6	52.5	50.0	41.8	40.8	29.8	53.3	51.2	42.8	40.9	30.1
	K.W.	4.0	4.0	4.0	4.1	4.1	4.0	4.1	4.1	4.1	4.2	4.1	4.1	4.1	4.2	4.2
85	T.C.	49.2	51.3	51.4	55.7	59.5	49.9	51.7	51.9	55.8	59.6	50.6	52.0	52.3	56.0	59.7
	S.C.	49.7	47.0	39.6	39.3	29.5	50.4	48.0	40.6	39.8	29.8	51.1	48.9	41.6	40.3	30.1
	K.W.	4.4	4.5	4.5	4.6	4.6	4.5	4.5	4.5	4.6	4.7	4.6	4.6	4.6	4.7	4.7
95	T.C.	47.2	48.6	48.7	53.6	58.7	47.8	49.0	49.1	54.0	58.9	48.4	49.5	49.4	54.4	59.1
	S.C.	47.8	45.3	38.4	38.0	29.5	48.3	46.0	39.4	38.9	29.8	48.8	46.7	40.4	39.7	30.1
	K.W.	4.9	4.9	4.9	5.0	5.1	5.0	5.0	5.0	5.1	5.2	5.0	5.1	5.0	5.2	5.2
105	T.C.	44.4	45.5	45.5	50.0	54.9	45.0	45.9	45.8	50.2	55.1	45.5	46.2	46.1	50.5	55.3
	S.C.	44.9	43.3	36.9	36.7	28.2	45.4	43.9	37.8	37.5	28.4	45.8	44.5	38.7	38.2	28.7
	K.W.	5.6	5.6	5.6	5.7	5.8	5.6	5.7	5.7	5.8	5.9	5.7	5.8	5.7	5.8	5.9
115	T.C.	41.7	42.6	42.4	46.4	51.1	42.2	42.8	42.6	46.5	51.3	42.7	43.0	42.8	46.6	51.5
	S.C.	42.1	41.4	35.5	35.3	26.9	42.5	41.9	36.3	36.1	27.1	43.0	42.3	37.1	36.8	27.3
	K.W.	6.2	6.3	6.2	6.4	6.5	6.3	6.3	6.3	6.4	6.5	6.4	6.4	6.4	6.5	6.6
125	T.C.	38.9	39.7	39.3	42.9	47.4	39.4	39.7	39.4	42.9	47.6	39.9	39.8	39.6	42.8	47.8
	S.C.	39.3	39.5	34.1	34.0	25.6	39.7	39.8	34.8	34.7	25.8	40.1	40.2	35.5	35.3	26.0
	K.W.	6.9	6.9	6.9	7.0	7.1	7.0	7.0	7.0	7.1	7.2	7.1	7.1	7.0	7.1	7.3

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
F*FV060	-	0.99	0.96	1.01
AV/SV60	-	0.99	0.96	1.01
MV20D	FC/MC60D	0.99	0.96	1.01

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C20	FC/PC60C	0.98	0.98	1.00
P(C,V)9*D20	FC/MC/PC60D	1.03	0.99	1.06
PV8*C20	HC60	0.98	0.98	1.00
P(C,V)9*D20	HC60	1.03	0.99	1.06
PV8*C20	HD60	0.98	0.98	1.00
P(C,V)9*D20	HD60	1.03	0.99	1.06
PV8*C20	MC61D	0.98	0.98	1.00
P(C,V)9*D20	MC61D	1.03	0.99	1.06

HEATING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		YZE02411								
INDOOR COIL MODEL NO.		FC/MC/PC36B + MV12B								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		550			600			650		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	23.4	1.6	4.3	23.5	1.5	4.5	23.7	1.5	4.8
	70	21.7	1.8	3.6	22.1	1.7	3.8	22.5	1.7	4.0
	80	20.1	2.0	3.0	20.7	1.9	3.2	21.4	1.9	3.4
47	60	19.5	1.5	3.8	19.5	1.4	4.0	19.6	1.4	4.1
	70	18.8	1.7	3.2	18.9	1.7	3.3	19.0	1.6	3.4
	80	18.1	2.0	2.7	18.3	1.9	2.8	18.4	1.9	2.9
40	60	16.8	1.4	3.5	16.7	1.3	3.6	16.7	1.3	3.8
	70	15.7	1.6	2.9	16.0	1.6	3.0	16.2	1.5	3.2
	80	14.6	1.8	2.4	15.2	1.8	2.5	15.8	1.7	2.7
30	60	15.4	1.3	3.4	15.4	1.3	3.5	15.5	1.3	3.6
	70	14.4	1.5	2.8	14.4	1.5	2.9	14.5	1.4	3.0
	80	13.3	1.6	2.4	13.4	1.6	2.4	13.5	1.6	2.5
17	60	12.3	1.4	2.5	12.3	1.4	2.6	12.4	1.4	2.7
	70	10.7	1.6	1.9	10.9	1.6	2.0	11.1	1.6	2.1
	80	9.2	1.8	1.5	9.5	1.8	1.5	9.8	1.8	1.6
10	60	10.5	1.4	2.2	10.7	1.4	2.3	10.8	1.3	2.4
	70	9.4	1.5	1.8	9.6	1.5	1.9	9.8	1.5	2.0
	80	8.3	1.6	1.5	8.5	1.6	1.6	8.8	1.6	1.6

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.

LOW CFM

Air Handler	Coil	MBH	KW	COP
AV24	-	1.00	1.00	1.00
MV12B	FC/MC/PC42B	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*A12	FC/MC/PC24A	0.95	0.96	0.99
PV9*A12	FC/MC/PC24A	0.95	0.96	0.99
PV8*B16	FC/MC/PC24B	0.95	0.96	0.99
P(C,V)9*B12	FC/MC/PC24B	0.95	0.96	0.99
PV8*A12	FC/MC/PC30A	0.95	0.96	0.99
PV9*A12	FC/MC/PC30A	0.95	0.96	0.99
PV8*B16	FC/MC/PC30B	0.95	0.96	0.99
P(C,V)9*B12	FC/MC/PC30B	0.95	0.96	0.99
PV8*A12	FC/MC/PC36A	0.95	0.96	0.99
PV9*A12	FC/MC/PC36A	0.95	0.96	0.99
PV8*B16	FC/MC/PC36B	0.95	0.96	0.99
P(C,V)9*B12	FC/MC/PC36B	0.95	0.96	0.99
P(C,V)9*B12	FC/MC/PC42B	0.95	0.96	0.99
PV8*B16	FC/MC/PC42B	0.96	0.96	1.00
PV8*B16	HC36	0.95	0.96	0.99
P(C,V)9*B12	HC36	0.95	0.96	0.99
PV8*B16	HD36	0.95	0.96	0.99
P(C,V)9*B12	HD36	0.95	0.96	0.99

HEATING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		YZE02411								
INDOOR COIL MODEL NO.		FC/MC/PC36B + MV12B								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		700			800			900		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	33.2	2.1	4.7	33.2	2.0	4.9	33.2	1.9	5.2
	70	31.9	2.3	4.0	32.0	2.2	4.2	32.1	2.1	4.5
	80	30.6	2.6	3.5	30.8	2.5	3.7	31.0	2.3	3.9
47	60	25.1	2.0	3.7	25.8	1.9	3.9	26.4	1.8	4.2
	70	24.2	2.3	3.1	25.0	2.2	3.4	25.8	2.1	3.6
	80	23.3	2.5	2.7	24.2	2.4	2.9	25.2	2.4	3.1
40	60	23.2	2.0	3.4	23.3	1.9	3.6	23.4	1.8	3.8
	70	21.6	2.4	2.6	21.4	2.2	2.8	21.1	2.0	3.1
	80	20.0	2.8	2.1	19.4	2.5	2.2	18.8	2.2	2.5
30	60	20.4	1.9	3.1	20.6	1.8	3.3	20.8	1.8	3.4
	70	21.6	2.3	2.8	21.8	2.2	2.9	21.9	2.1	3.0
	80	22.9	2.7	2.5	22.9	2.6	2.6	23.0	2.4	2.8
17	60	16.9	1.8	2.7	16.6	1.8	2.7	16.3	1.7	2.8
	70	15.6	2.0	2.3	15.6	1.9	2.4	15.6	1.9	2.4
	80	14.3	2.1	2.0	14.6	2.1	2.1	15.0	2.1	2.1
10	60	13.6	1.7	2.3	13.4	1.7	2.3	13.3	1.7	2.3
	70	13.3	2.1	1.9	13.3	2.0	1.9	13.3	2.0	2.0
	80	13.1	2.4	1.6	13.2	2.3	1.7	13.4	2.2	1.8

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.

HIGH CFM

Air Handler	Coil	MBH	KW	COP
AV24	-	1.00	1.00	1.00
MV12B	FC/MC/PC42B	0.99	1.00	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*A12	FC/MC/PC24A	0.99	1.00	0.99
PV9*A12	FC/MC/PC24A	0.99	1.00	0.99
PV8*B16	FC/MC/PC24B	0.99	1.00	0.99
P(C,V)9*B12	FC/MC/PC24B	0.99	1.00	0.99
PV8*A12	FC/MC/PC30A	0.99	1.00	0.99
PV9*A12	FC/MC/PC30A	0.99	1.00	0.99
PV8*B16	FC/MC/PC30B	0.99	1.00	0.99
P(C,V)9*B12	FC/MC/PC30B	0.99	1.00	0.99
PV8*A12	FC/MC/PC36A	0.99	1.00	0.99
PV9*A12	FC/MC/PC36A	0.99	1.00	0.99
PV8*B16	FC/MC/PC36B	0.99	1.00	0.99
P(C,V)9*B12	FC/MC/PC36B	0.99	1.00	0.99
P(C,V)9*B12	FC/MC/PC42B	0.99	1.00	0.99
PV8*B16	FC/MC/PC42B	0.99	1.00	0.99
PV8*B16	HC36	0.99	1.00	0.99
P(C,V)9*B12	HC36	0.99	1.00	0.99
PV8*B16	HD36	0.99	1.00	0.99
P(C,V)9*B12	HD36	0.99	1.00	0.99

HEATING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		YZE03611								
INDOOR COIL MODEL NO.		FC/MC/PC48C + MV16C								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		750			800			850		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	27.9	1.8	4.6	28.2	1.7	4.8	28.5	1.7	5.0
	70	26.6	2.0	3.9	27.0	2.0	4.1	27.4	1.9	4.2
	80	25.4	2.2	3.3	25.9	2.2	3.5	26.4	2.1	3.6
47	60	25.4	1.7	4.3	24.8	1.7	4.3	24.3	1.6	4.3
	70	23.7	2.0	3.5	23.6	1.9	3.6	23.5	1.9	3.7
	80	22.0	2.2	2.9	22.4	2.1	3.1	22.7	2.1	3.2
40	60	21.7	1.7	3.7	21.9	1.7	3.8	22.1	1.6	4.0
	70	20.8	1.9	3.2	21.1	1.9	3.3	21.4	1.9	3.4
	80	19.9	2.2	2.7	20.3	2.1	2.8	20.7	2.1	2.9
30	60	19.9	1.7	3.5	19.4	1.7	3.4	18.9	1.7	3.3
	70	18.6	1.9	2.9	18.3	1.9	2.9	18.1	1.9	2.8
	80	17.2	2.1	2.4	17.2	2.1	2.4	17.3	2.0	2.5
17	60	15.0	1.7	2.6	15.0	1.6	2.7	15.1	1.6	2.7
	70	14.3	1.9	2.2	14.3	1.9	2.3	14.4	1.8	2.3
	80	13.5	2.1	1.9	13.6	2.1	1.9	13.7	2.0	2.0
10	60	13.6	1.7	2.4	13.5	1.6	2.4	13.4	1.6	2.5
	70	12.7	1.9	2.0	12.6	1.8	2.0	12.6	1.8	2.0
	80	11.7	2.1	1.7	11.8	2.0	1.7	11.8	2.0	1.7

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.

LOW CFM

Air Handler	Coil	MBH	KW	COP
AV/SV48	-	1.00	1.00	1.00
MV12B	FC/MC/PC42B	1.00	1.00	1.00
MV20D	FC/MC/PC48D	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*B16	FC/MC/PC42B	0.97	0.98	0.99
P(C,V)9*B12	FC/MC/PC42B	0.97	0.98	0.99
PV8*C16	FC/MC/PC42C	0.97	0.98	0.99
PV8*C20	FC/MC/PC42C	0.97	0.98	0.99
P(C,V)9*C16	FC/MC/PC42C	0.97	0.98	0.99
P(C,V)9*C20	FC/MC/PC42C	0.97	0.98	0.99
PV8*C16	FC/MC/PC48C	0.97	0.98	0.99
PV8*C20	FC/MC/PC48C	0.97	0.98	0.99
P(C,V)9*C16	FC/MC/PC48C	0.97	0.98	0.99
P(C,V)9*C20	FC/MC/PC48C	0.97	0.98	0.99
P(V)9*D20	FC/MC/PC48D	0.97	0.98	0.99
PV8*C16	HC42	0.97	0.98	0.99
PV8*C20	HC42	0.97	0.98	0.99
P(C,V)9*C16	HC42	0.97	0.98	0.99
P(C,V)9*C20	HC42	0.97	0.98	0.99
PV8*C16	HD48	0.97	0.98	0.99
PV8*C20	HD48	0.97	0.98	0.99
P(C,V)9*C16	HD48	0.97	0.98	0.99
P(C,V)9*C20	HD48	0.97	0.98	0.99

HEATING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		YZE03611								
INDOOR COIL MODEL NO.		FC/MC/PC48C + MV16C								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1100			1200			1300		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	37.7	2.6	4.3	38.4	2.5	4.5	39.1	2.4	4.7
	70	36.7	2.8	3.8	37.2	2.7	4.0	37.8	2.7	4.1
	80	35.7	3.0	3.4	36.0	3.0	3.6	36.5	2.9	3.7
47	60	34.5	2.4	4.2	34.3	2.4	4.3	34.2	2.3	4.3
	70	32.9	2.7	3.6	33.0	2.6	3.7	33.2	2.6	3.8
	80	31.3	2.9	3.1	31.7	2.9	3.2	32.1	2.8	3.3
40	60	30.4	2.3	3.8	30.7	2.3	3.9	31.0	2.3	4.0
	70	29.3	2.6	3.3	29.8	2.5	3.4	30.4	2.5	3.5
	80	28.3	2.9	2.9	29.0	2.8	3.0	29.7	2.8	3.1
30	60	25.6	2.2	3.4	24.6	2.1	3.4	23.7	2.0	3.4
	70	25.7	2.5	3.0	25.1	2.4	3.0	24.5	2.4	3.0
	80	25.9	2.8	2.7	25.6	2.7	2.8	25.3	2.7	2.8
17	60	20.8	2.1	2.9	20.9	2.1	2.9	21.0	2.1	2.9
	70	19.9	2.3	2.5	20.8	2.4	2.6	21.8	2.4	2.7
	80	18.9	2.6	2.2	20.7	2.6	2.3	22.6	2.7	2.5
10	60	19.3	2.1	2.7	19.7	2.1	2.7	20.1	2.1	2.8
	70	17.9	2.4	2.2	19.1	2.4	2.4	20.3	2.4	2.5
	80	16.4	2.6	1.9	18.5	2.6	2.1	20.5	2.6	2.3

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.

HIGH CFM

Air Handler	Coil	MBH	KW	COP
AV/SV48	-	1.00	1.00	1.00
MV12B	FC/MC/PC42B	1.01	1.00	1.01
MV20D	FC/MC/PC48D	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*B16	FC/MC/PC42B	1.00	1.00	1.00
P(C,V)9*B12	FC/MC/PC42B	1.00	0.99	1.01
PV8*C16	FC/MC/PC42C	1.00	1.00	1.00
PV8*C20	FC/MC/PC42C	1.00	1.00	1.00
P(C,V)9*C16	FC/MC/PC42C	1.00	0.99	1.01
P(C,V)9*C20	FC/MC/PC42C	1.00	0.99	1.01
PV8*C16	FC/MC/PC48C	1.00	1.00	1.00
PV8*C20	FC/MC/PC48C	1.00	1.00	1.00
P(C,V)9*C16	FC/MC/PC48C	1.00	1.00	1.00
P(C,V)9*C20	FC/MC/PC48C	1.00	1.00	1.00
P(C,V)9*D20	FC/MC/PC48D	1.00	1.01	0.99
PV8*C16	HC42	1.00	1.00	1.00
PV8*C20	HC42	1.00	1.00	1.00
P(C,V)9*C16	HC42	1.00	1.00	1.00
P(C,V)9*C20	HC42	1.00	1.00	1.00
PV8*C16	HD48	1.00	1.00	1.00
PV8*C20	HD48	1.00	1.00	1.00
P(C,V)9*C16	HD48	1.00	1.00	1.00
P(C,V)9*C20	HD48	1.00	1.00	1.00

HEATING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		YZE03811								
INDOOR COIL MODEL NO.		MC61D + MV12D								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		700			750			800		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	20.6	1.3	4.6	29.7	1.8	4.7	20.7	1.2	4.9
	70	19.8	1.5	3.8	29.4	2.0	4.2	20.0	1.4	4.2
	80	19.0	1.7	3.3	29.0	2.3	3.8	19.3	1.6	3.6
47	60	17.1	1.3	3.9	24.3	1.6	4.3	17.1	1.1	4.4
	70	16.2	1.5	3.3	24.0	1.9	3.8	16.4	1.3	3.6
	80	15.2	1.6	2.7	23.7	2.1	3.4	15.6	1.6	2.9
40	60	14.8	1.2	3.5	19.8	1.6	3.7	15.2	1.2	3.8
	70	13.8	1.4	2.9	20.1	1.8	3.3	14.3	1.4	3.1
	80	12.8	1.6	2.4	20.4	2.0	3.0	13.3	1.6	2.5
30	60	12.3	1.2	3.0	17.7	1.5	3.5	13.1	1.1	3.3
	70	11.8	1.4	2.5	16.6	1.7	2.9	12.0	1.3	2.7
	80	11.2	1.5	2.2	15.5	1.9	2.4	10.9	1.5	2.2
17	60	9.9	1.1	2.6	14.3	1.4	3.0	9.9	1.1	2.6
	70	9.1	1.3	2.1	14.0	1.6	2.6	9.1	1.3	2.1
	80	8.4	1.5	1.7	13.8	1.8	2.3	8.4	1.4	1.7
10	60	9.0	1.1	2.4	12.4	1.3	2.7	9.6	1.1	2.6
	70	7.7	1.2	1.8	12.2	1.5	2.3	8.1	1.2	1.9
	80	6.4	1.4	1.4	12.0	1.7	2.1	6.5	1.4	1.4

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.

LOW CFM

Air Handler	Coil	MBH	KW	COP
F*FV060	—	1.02	1.02	1.00
AV/SV48	—	1.02	1.02	1.00
MV20D	FC/MC/PC60D	1.02	1.02	1.00
MV20D	MC61D	1.02	1.02	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C16	FC/PC60C	1.00	1.00	1.00
PV8*C20	FC/PC60C	1.00	1.00	1.00
P(C,V)9*C16	FC/PC60C	1.02	1.02	1.00
P(C,V)9*C20	FC/PC60C	1.02	1.02	1.00
P(C,V)9*D20	FC/MC/PC60D	1.02	1.02	1.00
PV8*C20	HC60	1.00	1.00	1.00
P(C,V)9*C20	HC60	1.02	1.02	1.00
PV8*C20	HD60	1.00	1.00	1.00
P(C,V)9*C20	HD60	1.02	1.02	1.00
P(C,V)9*D20	MC61D	1.02	1.02	1.00

HEATING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		YZE03811								
INDOOR COIL MODEL NO.		MC61D + MV12D								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1000			1100			1200		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	42.4	2.5	5.0	42.3	2.4	5.1	42.2	2.4	5.2
	70	41.8	2.8	4.4	41.8	2.7	4.5	41.8	2.6	4.6
	80	41.2	3.1	3.9	41.3	3.0	4.0	41.5	2.9	4.2
47	60	35.4	2.3	4.6	35.4	2.2	4.7	35.4	2.2	4.8
	70	34.9	2.6	4.0	35.0	2.5	4.1	35.1	2.4	4.2
	80	34.5	2.8	3.6	34.6	2.8	3.7	34.8	2.7	3.8
40	60	29.9	2.2	4.0	29.2	2.1	4.1	28.6	2.0	4.1
	70	30.1	2.5	3.5	29.7	2.4	3.6	29.4	2.4	3.6
	80	30.2	2.8	3.2	30.1	2.7	3.2	30.1	2.7	3.3
30	60	26.0	2.0	3.7	26.7	2.0	3.9	27.4	2.0	4.1
	70	24.8	2.3	3.1	25.0	2.3	3.2	25.4	2.3	3.3
	80	23.5	2.6	2.6	23.4	2.6	2.7	23.3	2.5	2.7
17	60	21.4	2.0	3.2	22.0	1.9	3.3	22.6	1.9	3.4
	70	21.2	2.2	2.8	21.6	2.2	2.9	22.0	2.2	3.0
	80	21.0	2.5	2.4	21.2	2.5	2.5	21.4	2.4	2.6
10	60	19.1	1.9	2.9	19.4	1.9	3.0	19.8	1.8	3.2
	70	18.8	2.2	2.6	19.0	2.1	2.6	19.3	2.1	2.7
	80	18.5	2.4	2.3	18.6	2.4	2.3	18.8	2.3	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.

HIGH CFM

Air Handler	Coil	MBH	KW	COP
F*FV060	—	0.99	1.00	0.99
AV/SV48	—	0.99	1.00	0.99
MV20D	FC/MC/PC60D	0.99	1.00	0.99
MV20D	MC61D	0.99	1.00	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C16	FC/PC60C	1.00	1.00	1.00
PV8*C20	FC/PC60C	1.00	1.00	1.00
P(C,V)9*C16	FC/PC60C	1.00	1.00	1.00
P(C,V)9*C20	FC/PC60C	1.00	1.00	1.00
P(C,V)9*D20	FC/MC/PC60D	1.00	1.00	1.00
PV8*C20	HC60	1.00	1.00	1.00
P(C,V)9*C20	HC60	1.00	1.00	1.00
PV8*C20	HD60	1.00	1.00	1.00
P(C,V)9*C20	HD60	1.00	1.00	1.00
P(C,V)9*D20	MC61D	1.00	1.00	1.00

HEATING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		YZE04811								
INDOOR COIL MODEL NO.		FC/MC/PC60D + MV20D								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		950			1000			1050		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	38.9	2.5	4.6	39.3	2.5	4.7	39.8	2.4	4.8
	70	37.6	2.8	4.0	37.8	2.7	4.1	38.1	2.7	4.2
	80	36.2	3.1	3.4	36.3	3.0	3.6	36.4	2.9	3.7
47	60	33.1	2.4	4.1	33.2	2.3	4.2	33.4	2.3	4.3
	70	31.3	2.6	3.5	31.8	2.6	3.6	32.3	2.6	3.7
	80	29.6	2.9	3.0	30.4	2.8	3.1	31.2	2.8	3.2
40	60	29.4	2.3	3.7	29.7	2.3	3.8	29.9	2.3	3.9
	70	28.4	2.7	3.1	28.7	2.6	3.2	28.9	2.6	3.3
	80	27.4	3.0	2.7	27.7	2.9	2.8	28.0	2.9	2.8
30	60	25.6	2.2	3.4	25.5	2.2	3.4	25.5	2.2	3.4
	70	24.3	2.6	2.8	24.3	2.6	2.8	24.3	2.6	2.8
	80	23.0	2.9	2.3	23.0	2.9	2.3	23.1	2.9	2.3
17	60	19.7	2.3	2.6	19.6	2.2	2.6	19.4	2.2	2.6
	70	17.3	2.6	2.0	17.2	2.5	2.0	17.0	2.5	2.0
	80	15.0	2.9	1.5	14.8	2.8	1.6	14.6	2.7	1.6
10	60	15.9	2.2	2.1	15.9	2.2	2.1	15.9	2.2	2.1
	70	14.9	2.5	1.7	15.0	2.5	1.8	15.0	2.5	1.8
	80	13.9	2.8	1.4	14.0	2.8	1.5	14.1	2.7	1.5

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.

LOW CFM

Air Handler	Coil	MBH	KW	COP
F*FV060	—	1.00	1.01	0.99
AV/SV48	—	1.00	1.01	0.99
MV20D	MC61D	1.00	1.01	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C20	FC/PC60C	0.98	0.99	0.99
P(C,V)9*C20	FC/PC60C	0.98	0.99	0.99
P(C,V)9*D20	FC/MC/PC60D	0.98	0.99	0.99
PV8*C20	HC60	0.98	0.99	0.99
P(C,V)9*D20	HC60	0.98	0.99	0.99
PV8*C20	HD60	0.98	0.99	0.99
P(C,V)9*D20	HD60	0.98	0.99	0.99
P(C,V)9*D20	MC61D	0.98	0.99	0.99

HEATING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		YZE04811								
INDOOR COIL MODEL NO.		FC/MC/PC60D + MV20D								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1500			1600			1700		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	60.1	3.5	5.0	60.5	3.5	5.0	61.0	3.5	5.1
	70	58.6	3.9	4.4	58.9	3.8	4.5	59.3	3.8	4.5
	80	57.2	4.2	4.0	57.4	4.2	4.0	57.6	4.2	4.1
47	60	48.7	3.2	4.4	49.2	3.2	4.5	49.6	3.2	4.5
	70	47.7	3.6	3.9	48.0	3.6	4.0	48.4	3.5	4.0
	80	46.6	3.9	3.5	46.8	3.9	3.5	47.1	3.9	3.5
40	60	44.4	3.2	4.1	44.4	3.1	4.2	44.3	3.1	4.2
	70	43.0	3.5	3.6	42.9	3.5	3.6	42.8	3.4	3.6
	80	41.6	3.8	3.2	41.4	3.8	3.2	41.2	3.8	3.2
30	60	35.5	3.0	3.5	34.4	2.9	3.5	33.3	2.9	3.4
	70	33.9	3.2	3.1	33.6	3.2	3.0	33.3	3.3	3.0
	80	32.3	3.5	2.7	32.8	3.6	2.7	33.2	3.7	2.7
17	60	28.5	2.9	2.9	28.6	2.8	3.0	28.8	2.8	3.0
	70	27.3	3.3	2.5	27.6	3.2	2.5	27.9	3.2	2.6
	80	26.1	3.6	2.1	26.6	3.6	2.2	27.1	3.5	2.2
10	60	25.0	2.8	2.7	24.0	2.8	2.5	23.0	2.8	2.4
	70	22.5	3.2	2.1	23.1	3.2	2.1	23.8	3.2	2.2
	80	19.9	3.6	1.6	22.2	3.6	1.8	24.5	3.6	2.0

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.

HIGH CFM

Air Handler	Coil	MBH	KW	COP
F*FV060	—	0.99	1.00	0.99
AV/SV48	—	0.99	1.00	0.99
MV20D	MC61D	0.99	1.00	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C20	FC/PC60C	1.00	1.00	1.00
P(C,V)9*C20	FC/PC60C	1.00	1.00	1.00
P(C,V)9*D20	FC/MC/PC60D	1.00	1.00	1.00
PV8*C20	HC60	1.00	1.00	1.00
P(C,V)9*D20	HC60	1.00	1.00	1.00
PV8*C20	HD60	1.00	1.00	1.00
P(C,V)9*D20	HD60	1.00	1.00	1.00
P(C,V)9*D20	MC61D	1.00	1.01	0.99

HEATING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION										
OUTDOOR UNIT MODEL NO.		YZE06011								
INDOOR COIL MODEL NO.		MC61D + MV20D								
AIR TEMP. ENTERING OUTDOOR UNIT	AIR TEMP. ENTERING INDOOR COIL	ID CFM								
		1100			1150			1200		
		MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.	MBTUH	KW	C.O.P.
60	60	44.8	3.1	4.2	45.8	3.1	4.3	46.7	3.1	4.4
	70	44.4	3.6	3.7	44.9	3.5	3.7	45.5	3.5	3.8
	80	44.0	4.0	3.2	44.1	4.0	3.3	44.3	3.9	3.3
47	60	38.6	3.1	3.7	38.6	3.0	3.8	38.7	2.9	3.9
	70	37.4	3.4	3.2	37.6	3.4	3.3	37.8	3.3	3.3
	80	36.2	3.8	2.8	36.6	3.8	2.8	36.9	3.7	2.9
40	60	34.0	3.0	3.3	34.4	2.9	3.4	34.8	2.9	3.6
	70	33.3	3.4	2.9	33.5	3.3	3.0	33.8	3.2	3.1
	80	32.7	3.7	2.6	32.7	3.6	2.6	32.8	3.6	2.7
30	60	24.7	2.9	2.5	23.3	2.8	2.4	21.9	2.8	2.3
	70	25.8	3.3	2.3	24.9	3.3	2.2	23.9	3.2	2.2
	80	26.8	3.7	2.1	26.4	3.7	2.1	26.0	3.6	2.1
17	60	22.6	2.8	2.4	22.4	2.8	2.4	22.1	2.7	2.4
	70	20.5	3.1	2.0	20.3	3.0	2.0	20.0	3.0	1.9
	80	18.4	3.4	1.6	18.2	3.3	1.6	17.9	3.3	1.6
10	60	16.8	2.6	1.9	16.6	2.6	1.9	16.5	2.6	1.9
	70	17.1	3.0	1.7	16.9	3.0	1.7	16.7	2.9	1.7
	80	17.4	3.4	1.5	17.1	3.4	1.5	16.9	3.3	1.5

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.

LOW CFM

Air Handler	Coil	MBH	KW	COP
F*FV060	–	1.00	1.00	1.00
AV/SV60	–	1.00	1.00	1.00
MV20D	FC/MC/PC60D	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C20	FC/PC60C	0.98	0.98	1.00
P(C,V)9*D20	FC/MC/PC60D	0.98	0.98	1.00
PV8*C20	HC60	0.98	0.98	1.00
P(C,V)9*D20	HC60	0.98	0.98	1.00
PV8*C20	HD60	0.98	0.98	1.00
P(C,V)9*D20	HD60	0.98	0.98	1.00
P(C,V)9*D20	MC61D	0.98	0.98	1.00
PV8*C20	MC61D	0.98	0.99	1.00

HEATING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION

OUTDOOR UNIT MODEL NO.		YZE06011								
INDOOR COIL MODEL NO.		MC61D + MV20D								
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	64.0	4.5	4.2	64.6	4.5	4.2	65.2	4.5	4.3
	70	62.8	5.0	3.7	63.3	4.9	3.7	63.8	4.9	3.8
	80	61.5	5.4	3.3	61.9	5.4	3.4	62.4	5.4	3.4
47	60	55.7	4.2	3.9	55.9	4.2	3.9	56.2	4.2	3.9
	70	54.1	4.6	3.4	54.5	4.6	3.5	54.9	4.6	3.5
	80	52.5	5.0	3.1	53.1	5.0	3.1	53.6	5.0	3.1
40	60	49.5	4.0	3.7	49.0	4.0	3.6	48.6	4.0	3.6
	70	42.4	4.2	2.9	45.2	4.3	3.1	48.1	4.4	3.2
	80	35.2	4.5	2.3	41.4	4.7	2.6	47.5	4.9	2.9
30	60	42.5	3.8	3.3	39.9	3.7	3.1	37.3	3.7	2.9
	70	38.8	4.0	2.8	39.1	4.1	2.8	39.4	4.2	2.8
	80	35.0	4.3	2.4	38.3	4.5	2.5	41.6	4.6	2.6
17	60	34.3	3.6	2.8	32.3	3.5	2.7	30.4	3.4	2.6
	70	34.2	4.1	2.4	32.6	4.0	2.4	31.0	3.9	2.3
	80	34.0	4.6	2.2	32.9	4.5	2.1	31.7	4.5	2.1
10	60	30.5	3.4	2.6	31.1	3.4	2.7	31.7	3.5	2.7
	70	29.4	3.8	2.3	29.2	3.8	2.3	29.0	3.7	2.3
	80	28.2	4.1	2.0	27.3	4.1	2.0	26.4	4.0	1.9

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.

HIGH CFM

Air Handler	Coil	MBH	KW	COP
F*FV060	-	1.00	1.00	1.00
AV/SV60	-	1.00	1.00	1.00
MV20D	FC/MC/PC60D	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
PV8*C20	FC/PC60C	0.99	0.99	1.00
P(C,V)9*D20	FC/MC/PC60D	0.99	0.99	1.00
PV8*C20	HC60	0.99	0.99	1.00
P(C,V)9*D20	HC60	0.99	0.99	1.00
PV8*C20	HD60	0.99	0.99	1.00
P(C,V)9*D20	HD60	0.99	0.99	1.00
P(C,V)9*D20	MC61D	0.99	0.99	1.00
PV8*C20	MC61D	0.99	0.99	1.00