YORK®

TECHNICAL GUIDE

LX SERIES
SPLIT-SYSTEM HEAT PUMPS
13 SEER – R-410A – 3 PHASE
2.5 THRU 5 NOMINAL TONS
MODELS: YHJD30 THRU 60 (3ϕ)

ISO 9001
Certified Quality
Management System

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

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WARRANTY SUMMARY*

Standard 1-Year limited parts warranty.

Standard 5-Years limited compressor warranty.

*Does not apply to R-22 models or internet sales.
See Limited Warranty certificate in User's Information Manual for details.

DESCRIPTION

The 13 SEER Series unit is the outdoor part of a versatile climate system. It is designed with a matching indoor coil component from Johnson Controls Unitary Products. Available for typical applications this climate system is supported with accessories and documents to serve specific functions.

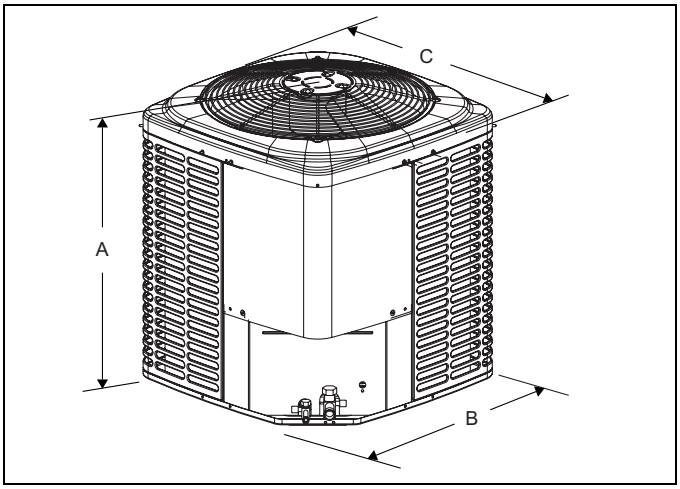
FEATURES

- **Small Footprint -** The compact footprint is a perfect fit for any application.
- **Quality Condenser Coils -** The coil is constructed of copper tubing and enhanced aluminum fins for increased performance.
- **Coil Protection -** Coils are protected from damage by a slotted, stamped steel coil guard.
- **Protected Compressor -** Compressors are protected internally by a high pressure relief valve and a temperature sensor, and externally by the system high and low pressure switches. A factory installed liquid line filter-drier further protects the compressor against moisture and debris.
- **Environmentally Friendly Refrigerant -** The next generation refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- **Durable Finish -** The cabinet is made of G90-equivalent galvanized steel, finished in a durable champagne colored powdercoat. The coated steel wire fan guard and pre-treated, galvanized steel chassis components resist corrosion and rust creep.
- **Lower Installed Cost -** Installation time and costs are reduced by easy power and control wiring connections. The unit is factory charged for a 15-foot lineset. The small base dimension means less space is required on the ground or roof.
- **Top Discharge -** Warm air from the top mounted fan is blown up, away from the structure and any landscaping. This allows compact location on multi-unit applications.
- **Low Operating Sound Level -** The upward air flow carries the normal operating noise away from the living area. The rigid top panel effectively isolates any motor sound. Isolator mounted compressor and the condenser coil muffle the normal fan motor and compressor operating sounds.
- **Low Maintenance -** Long life, permanently lubricated motor-bearings need no annual servicing.
- **Easy Service Access -** Fully exposed refrigerant connections and a single panel covering the electrical controls make for easy servicing of the unit.
- **Secured Service Valves -** Secured, re-usable service valves are provided on both the liquid and vapor sweat connections for ease of evacuating and charging.
- **Agency Listed -** Safety certified by CSA to UL 1995 / CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.

Physical and Electrical Data

MODEL		YHJD30 S43S4	YHJD36 S43S4	YHJD42 S43S4	YHJD48 S43S3	YHJD60 S43S5	YHJD30 S44S4	YHJD36 S44S4	YHJD42 S44S4	YHJD48 S44S3	YHJD60 S44S5
Unit Supply Voltage		208-230V, 3ϕ, 60Hz					460V, 3ϕ, 60Hz				
Normal Voltage Range [1]		187 to 252					432 to 504				
Minimum Circuit Ampacity		11.0	12.9	12.9	15.5	21.2	6.0	7.0	7.2	7.2	9.1
Max. Overcurrent Device Amps [2]		15	20	20	25	35	15	15	15	15	15
Min. Overcurrent Device Amps [3]		15	15	15	20	25	15	15	15	15	15
Compressor Amps	Type	Recip	Recip	Recip	Recip	Scroll	Recip	Recip	Recip	Recip	Scroll
	Rated Load	8.1	9.1	12.9	11.2	15.9	4.2	4.5	5.1	5.1	6.6
	Locked Rotor	63	68	68	88	110	30	34	34	44	52
Crankcase Heater		No	No	No	No	Yes	No	No	No	No	Yes
Factory External Discharge Muffler		No	No	No	No	No	No	No	No	No	No
Factory External Check Valve		No	No	No	No	No	No	No	No	No	No
Fan Diameter Inches		24	24	24	24	24	24	24	24	24	24
Fan Motor	Rated HP	1/8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
	Rated Load Amps	0.8	1.3	1.3	1.3	1.3	0.8	0.8	0.8	0.8	0.8
	Nominal RPM	1050	850	850	850	850	850	850	850	850	850
	Nominal CFM	3100	3800	3800	3800	3500	3500	3800	3800	3800	3500
Coil	Face Area Sq. Ft.	21.00	23.58	23.58	23.58	23.58	21.00	23.58	23.58	23.58	23.58
	Rows Deep	1	1	1	1	2	1	1	1	1	2
	Fins / Inch	22	22	22	22	18	22	22	22	22	18
Liquid Line Set OD (Field Installed)		3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line Set OD (Field Installed)		3/4	3/4	7/8	7/8	1-1/8	3/4	3/4	7/8	7/8	1-1/8*
Unit Charge (Lbs. - Oz.) [4]		9 - 0	10 - 0	10 - 11	10 - 14	13 - 6	9 - 0	10 - 0	10 - 11	10 - 14	13 - 6
Charge Per Foot, Oz.		0.62	0.62	0.67	0.67	0.67	0.62	0.62	0.67	0.67	0.67
Operating Weight Lbs.		196	208	208	248	280	196	208	208	248	280

1. Rated in accordance with AHRI Standard 110-2012, 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, smallest matched indoor unit, and 15 feet of refrigerant tubing. For tubing lengths other than 15 feet, add or subtract the amount of refrigerant, using the difference in actual lineset length (not equivalent length) multiplied by the per foot value.



Unit Model	Dimensions (Inches)			Refrigerant Connection Service Valve Size	
	A	B	C	Liquid	Vapor
30	36-1/4	34	34	3/8	3/4
36	40-1/4	34	34		
42	40-1/4	34	34		7/8
48	40-1/4	34	34		
60	40-1/4	34	34		7/8*

* Adapter fitting must be field installed for the required 1-1/8” line set.

All dimensions are in inches and are subject to change without notice.
Overall height is from bottom of base pan to top of fan guard.
Overall length and width include screw heads.

System Charge for Various Matched Systems					
Outdoor Unit	YHJD30S4(3,4)S4	YHJD36S4(3,4)S4	YHJD42S4(3,4)S4	YHJD48S4(3,4)S3	YHJD60S4(3,4)S5
Required Orifice or TXV [1,2]	.063/4G1	.071/4H1	.075/4H1	.078/4J1	4K1
Indoor Unit [3,4,5]	**Additional Charge, Oz**				
AHE30B	.063 / TXV + 0	–	–	–	–
AHE36C	.063 / TXV + 6	.071 / TXV + 0	–	–	–
AHE42D	–	.071 / TXV + 10	–	–	–
AHE48D	–	–	.075 / TXV + 0	.078 / TXV - 14	–
AHE60D	–	–	–	–	TXV + 0
AHR30B	.063 / TXV + 0	–	–	–	–
AHR36B	.063 / TXV + 6	.071 / TXV + 0	–	–	–
AHR42C	–	.071 / TXV + 10	–	–	–
AHR48D	–	–	.075 / TXV + 0	–	–
AHR60D	–	–	–	–	TXV + 0
AHV30B	.063 / TXV + 0	–	–	–	–
AHV36C	.063 / TXV + 6	.071 / TXV + 0	–	–	–
AHV42D	–	.071 / TXV + 10	–	–	–
AHV48D	–	–	.075 / TXV + 0	.078 / TXV - 14	–
AHV60D	–	–	–	–	TXV + 0
FC/MC/PC32	.063 / TXV + 0	–	–	–	–
FC/MC/PC35	.063 / TXV + 0	–	–	–	–
FC/MC/PC37	.063 / TXV + 6	.071 / TXV + 0	–	–	–
FC/MC/PC43	.063 / TXV + 6	.071 / TXV + 0	–	–	–
FC/MC/PC/UC48	–	.071 / TXV + 10	.075 / TXV + 0	–	–
FC/MC/PC/UC60	–	–	.075 / TXV + 0	.078 / TXV - 14	–
FC/MC62	–	–	–	.078 / TXV + 8	TXV + 0
FC64	–	–	–	–	TXV + 29
Some of the combinations shown in the above System Charge table require Advanced Main Air Circulating Fan indoor product. For approved coil only matches, please see the “COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils” table.					

FOOTNOTES:

1. For applications requiring a TXV use S1-1TVM*** series kit.
2. Approved orifice shipped with outdoor unit.
3. Systems matched with furnaces or air handlers not equipped with blower-off delays may require blower Time Delay Kit S1-2FD06700224.
4. PC coils cannot be used in downflow or horizontal applications. FC coils cannot be used in horizontal applications.
5. Refer to Cooling and Heating Performance Data tables for actual system performance for specified system matches.

PROCEDURES:

1. Unit factory charge listed on the unit nameplate includes refrigerant for the outdoor unit, the smallest matched indoor unit, and 15 feet of interconnecting line tubing.
2. Verify the TXV and additional charge required for specific matched indoor unit in the system using the above table.
3. Add additional charge for the amount of interconnecting line tubing greater than 15 feet at the rate specified in Physical and Electrical Data Table.
4. For indoor matches requiring additional charge, the refrigerant needs to be weighed in for specific matched indoor unit and actual lineset length.
5. Permanently mark the unit nameplate with the total system charge. Total System Charge = Base Charge (as shipped) + charge adder for matched indoor unit + charge adder for actual lineset length.

COOLING CAPACITY - With Air Handler Coils

UNIT MODEL	AIR HANDLER		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
13 SEER HP WITH AIR HANDLERS								
YHJD30S4(3,4)S4	AHE30B	17.5	–	985	29.2	21.0	14.00	12.00
	AHE36C	21.0	–	1000	29.8	21.8	14.00	12.00
	AHR30B	17.5	–	1090	29.2	21.8	13.00	11.00
	AHR36B	17.5	–	1060	29.6	21.6	13.00	11.00
	AHV30B	17.5	–	1000	29.6	27.0	13.50	11.50
	AHV36C	21.0	–	895	29.8	26.6	14.00	12.00
	MV12B	17.5	FC/MC35B	1010	30.0	22.0	14.50	12.00
	MV12B	17.5	FC/MC43B	1000	30.0	22.2	14.50	12.00
	MV16C	21.0	FC/MC35C	1070	30.0	23.0	14.50	12.00
	MV16C	21.0	FC/MC43C	1000	30.0	22.2	14.50	12.00
	MX12BN21	17.5	FC/MC35B	975	29.8	22.0	14.00	12.00
	MX12BN21	17.5	FC/MC43B	975	30.0	22.6	14.00	12.00
	MX16CN21	21.0	FC/MC35C	1000	29.8	22.0	14.00	12.00
	MX16CN21	21.0	FC/MC43C	950	30.2	22.0	14.50	12.50
YHJD36S4(3,4)S4	AHE36C	21.0	–	1190	35.6	25.7	14.50	12.00
	AHE42D	21.0	–	1180	35.6	25.6	14.50	12.00
	AHR36B	21.0	–	1245	35.6	26.1	13.00	11.00
	AHR42C	21.0	–	1230	35.6	25.8	13.00	11.00
	AHV36C	21.0	–	1215	36.0	27.4	14.00	12.00
	AHV42D	24.5	–	1180	36.0	27.6	14.50	12.00
	MV12B	17.5	FC/MC43B	1225	36.0	27.2	14.50	12.00
	MV12D	24.5	FC/MC48D	1160	36.0	26.6	14.50	12.00
	MV16C	21.0	FC/MC43C	1200	36.0	26.8	14.50	12.00
	MV16C	21.0	FC/MC48C	1200	36.0	26.6	14.50	12.00
	MX12BN21	17.5	FC/MC43B	1125	36.0	26.0	13.50	11.35
	MX16CN21	21.0	FC/MC43C	1200	36.0	26.8	13.50	11.35
	MX12DN21	24.5	FC/MC48D	1125	36.0	26.6	14.00	12.00
	MX16CN21	21.0	FC/MC48C	1200	36.0	27.0	13.50	11.35
	MX20DN21	24.5	FC/MC48D	1200	36.0	27.4	14.20	12.00
YHJD42S4(3,4)S4	AHE48D	24.5	–	1380	40.5	33.2	14.00	12.00
	AHR48D	24.5	–	1320	39.5	29.6	13.00	11.00
	AHV48D	24.5	–	1300	39.5	30.2	13.75	11.50
	MV16C	21.0	FC/MC48C	1400	40.0	32.0	13.50	11.50
	MV16C	21.0	FC/MC60C	1400	41.5	32.4	14.00	12.00
	MV20D	24.5	FC/MC48D	1440	40.5	32.8	14.00	12.00
	MV20D	24.5	FC/MC60D	1400	42.0	32.4	14.00	12.00
	MX16CN21	21.0	FC60C	1400	40.0	28.4	13.50	11.35
	MX20DN21	24.5	FC/MC60D	1375	40.5	28.8	14.20	12.00
YHJD48S4(3,4)S3	AHE48D	24.5	–	1635	44.0	33.2	14.00	12.00
	AHV48D	24.0	–	1585	47.0	33.4	13.00	11.00
	AHV60D	24.0	–	1570	47.0	34.2	13.00	11.00
	MV20D	24.5	FC/MC60D	1595	47.0	35.3	13.00	11.80
	MV20D	24.5	FC/MC62D	1595	47.5	35.5	13.00	11.80
	MX16CN21	21.0	FC60C	1600	47.5	33.4	13.25	11.35
	MX20DN21	24.5	FC/MC60D	1525	47.0	33.8	13.25	11.35
	MX20DN21	24.5	FC/MC62D	1525	46.5	34.0	13.25	11.35

For Notes See Page 5.

COOLING CAPACITY - With Air Handler Coils (Continued)

UNIT MODEL	AIR HANDLER		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER	EER
					TOTAL	SENS.		
13 SEER HP WITH AIR HANDLERS								
YHJD60S4(3,4)S5	AHE60D	24.5	–	1835	55.0	41.5	13.70	11.35
	AHR60D	24.5	–	1840	54.5	41.0	13.00	11.00
	AHV60D	24.5	–	1635	54.0	39.0	13.70	11.50
	MV20D	24.5	FC/MC62D	1855	55.0	41.5	13.70	11.35
	MV20D	24.5	FC64D	1855	58.0	42.0	13.70	11.35
	MX20DN21	24.5	FC/MC62D	1750	55.0	41.0	14.50	12.00
	MX20DN21	24.5	FC64D	1750	58.0	42.0	13.70	11.35

Rated in accordance with DOE test procedures (Federal Register 12-27-79 and 3-18-88) and ANSI/AHRI Standard 210/240.
Cooling MBH based on 80°F entering air temperature, 50% RH (Relative Humidity), and rated air flow.
EER (Energy Efficiency Ratio) is the total cooling output in BTUs 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 BTUs during a normal annual usage period for cooling divided by the total electric power input in watt-hours during the same period.

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

— = Not applicable.

MA Modular Air Handlers use Coil Only Ratings.

COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils (Coil Only Ratings)

UNIT MODEL	COIL		CFM RANGE (Min.-max.)	COOLING				
	MODEL	WIDTH		RATED CFM	NET MBH		SEER[1]	EER
					TOTAL	SENS.		
13 SEER HP COIL ONLY RATINGS								
YHJD30S4(3,4)S4	FC/MC/PC32	14.5	800 - 1200	1000	29.8	21.8	13.00	11.00
	FC/MC/PC35	17.5,21.0	800 - 1200	1000	29.8	21.8	13.00	11.00
	FC/MC/PC37	14.5	800 - 1200	1000	30.0	22.2	13.00	11.00
	FC/MC/PC43	17.5,21.0	800 - 1200	1000	30.0	22.2	13.00	11.00
YHJD36S4(3,4)S4	FC/MC/PC37	14.5	1000 - 1400	1200	36.0	26.8	13.00	11.00
	FC/MC/PC43	17.5,21.0	1000 - 1400	1200	36.0	26.6	13.00	11.00
	FC/MC/PC48	21.0,24.5	1000 - 1400	1200	36.0	26.6	13.00	11.00
	UC48	21.0,24.5	1000 - 1400	1200	36.0	26.8	13.00	11.00
YHJD42S4(3,4)S4	FC/MC/PC60	21.0,24.5	1200 - 1600	1400	41.0	31.8	13.00	11.00
	UC60	21.0,24.5	1200 - 1600	1400	40.5	31.0	13.00	11.00
YHJD60S4(3,4)S5	FC/MC62	24.5	1600 - 2000	1800	54.5	40.0	13.25	11.25
	FC64	24.5	1600 - 2000	1950	57.0	42.0	13.25	11.35

1. Requires a S1-2FD06700224 Blower Time Delay unless a standard furnace is equipped with one.

MA Modular Air Handlers use Coil Only Ratings.

PSC furnaces, such as the TG8S, TGLS, and TG9S, use Coil Only Ratings.

COOLING CAPACITY - With High Efficiency Motor Furnaces

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	Net MBH		SEER	EER
					TOTAL	SENS.		
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [2]								
YHJD30S4(3,4)S4	T*(8,L)V*A12	14.5	FC/MC/PC32A	1045	30.0	22.0	13.50	11.00
	T*(8,L)V*A12	14.5	FC/MC/PC37A	950	30.0	22.0	14.50	12.00
	T*(8,L)V*B12	17.5	FC/MC/PC35B	995	30.0	22.0	14.50	12.00
	T*(8,L)V*B12	17.5	FC/MC/PC43B	1040	30.0	22.8	14.50	12.00
	T*(8,L)V*C16	21.0	FC/MC/PC35C	1025	30.0	22.0	14.50	12.00
	T*(8,L)V*C16	21.0	FC/MC/PC43C	990	30.0	22.2	14.50	12.00
	T*(8,L)V*C20	21.0	FC/MC/PC35C	1080	30.0	23.0	14.50	12.00
	T*(8,L)V*C20	21.0	FC/MC/PC43C	1000	30.0	22.2	14.50	12.00
	T*9(C,V)*B12	17.5	FC/MC/PC35B	1045	30.0	22.0	14.00	11.50
	T*9(C,V)*B12	17.5	FC/MC/PC43B	1035	30.0	22.2	14.50	12.00
	T*9(C,V)*C16	21.0	FC/MC/PC35C	1005	30.0	22.0	14.50	12.00
	T*9(C,V)*C16	21.0	FC/MC/PC43C	1030	30.0	22.2	14.50	12.00
	T*9(C,V)*C20	21.0	FC/MC/PC35C	985	30.0	22.0	14.50	12.00
	T*9(C,V)*C20	21.0	FC/MC/PC43C	995	30.0	22.2	14.50	12.00
	TM8X080B12MP11	17.5	FC/MC/PC35B	950	29.4	21.4	13.70	11.35
	TM8X080B12MP11	17.5	FC/MC/PC43B	975	30.0	22.4	14.20	12.00
	TM8X080C16MP11	21.0	FC/MC/PC35C	975	30.0	22.2	14.50	12.50
	TM8X080C16MP11	21.0	FC/MC/PC43C	950	30.0	22.0	14.20	12.00
	TM8X100C16MP11	21.0	FC/MC/PC35C	975	30.0	22.2	14.50	12.50
	TM8X100C16MP11	21.0	FC/MC/PC43C	950	30.0	22.0	14.20	12.00
	TM8X100C20MP11	21.0	FC/MC/PC35C	1000	30.0	22.0	14.20	12.00
	TM8X100C20MP11	21.0	FC/MC/PC43C	1000	30.0	22.6	14.20	12.00
	TM8X120C20MP11	21.0	FC/MC/PC35C	1000	30.0	22.0	14.20	12.00
	TM8X120C20MP11	21.0	FC/MC/PC43C	1000	30.0	22.6	14.20	12.00
	TM9E060B12MP11	17.5	FC/MC/PC35B	950	29.4	21.2	13.70	11.35
	TM9E060B12MP11	17.5	FC/MC/PC43B	950	29.8	21.8	13.70	11.35
	TM9E080B12MP11	17.5	FC/MC/PC35B	950	29.4	21.2	13.70	11.35
	TM9E080B12MP11	17.5	FC/MC/PC43B	950	29.8	21.8	13.70	11.35
	TM9E080C16MP11	21.0	FC/MC/PC35C	1000	30.0	22.0	14.20	12.00
	TM9E080C16MP11	21.0	FC/MC/PC43C	1000	30.0	22.6	14.20	12.00
	TM9E100C16MP11	21.0	FC/MC/PC35C	1000	30.0	22.0	14.20	12.00
	TM9E100C16MP11	21.0	FC/MC/PC43C	1000	30.0	22.6	14.20	12.00
	TM9E100C20MP11	21.0	FC/MC/PC35C	1000	29.6	21.8	13.25	11.35
	TM9E100C20MP11	21.0	FC/MC/PC43C	1000	30.0	22.2	13.50	11.35
	TM9X060B12MP11	17.5	FC/MC/PC35B	950	29.4	21.2	13.70	11.35
	TM9X060B12MP11	17.5	FC/MC/PC43B	950	29.8	21.8	13.70	11.35
	TM9X080B12MP11	17.5	FC/MC/PC35B	950	29.4	21.2	13.70	11.35
	TM9X080B12MP11	17.5	FC/MC/PC43B	950	29.8	21.8	13.70	11.35
	TM9X080C16MP11	21.0	FC/MC/PC35C	1000	30.0	22.0	14.20	12.00
	TM9X080C16MP11	21.0	FC/MC/PC43C	1000	30.0	22.6	14.20	12.00
	TM9X100C16MP11	21.0	FC/MC/PC35C	1000	30.0	22.0	14.20	12.00
	TM9X100C16MP11	21.0	FC/MC/PC43C	1000	30.0	22.6	14.20	12.00
	TM9X100C20MP11	21.0	FC/MC/PC35C	1000	29.6	21.8	13.25	11.35
	TM9X100C20MP11	21.0	FC/MC/PC43C	1000	30.0	22.2	13.50	11.35
	TMLX080B12MP11	17.5	FC/MC/PC35B	950	29.4	21.4	13.70	11.35
	TMLX080B12MP11	17.5	FC/MC/PC43B	975	30.0	22.4	14.20	12.00
	TMLX080C16MP11	21.0	FC/MC/PC35C	975	30.0	22.2	14.50	12.50
	TMLX080C16MP11	21.0	FC/MC/PC43C	950	30.0	22.0	14.20	12.00
	TMLX100C16MP11	21.0	FC/MC/PC35C	975	30.0	22.2	14.50	12.50
	TMLX100C16MP11	21.0	FC/MC/PC43C	950	30.0	22.0	14.20	12.00

For Notes See Page 10.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	Net MBH		SEER	EER
					TOTAL	SENS.		
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [2]								
YHJD30S4(3,4)S4	TMLX100C20MP11	21.0	FC/MC/PC35C	1000	30.0	22.0	14.20	12.00
	TMLX100C20MP11	21.0	FC/MC/PC43C	1000	30.0	22.6	14.20	12.00
	TMLX120C20MP11	21.0	FC/MC/PC35C	1000	30.0	22.0	14.20	12.00
	TMLX120C20MP11	21.0	FC/MC/PC43C	1000	30.0	22.6	14.20	12.00
	Y*(8,L)C*A12	14.5	FC/MC/PC32A	1045	30.0	22.0	13.50	11.00
	Y*(8,L)C*A12	14.5	FC/MC/PC37A	950	30.0	22.0	14.50	12.00
	Y*(8,L)C*B12	17.5	FC/MC/PC35B	995	30.0	22.0	14.50	12.00
	Y*(8,L)C*B12	17.5	FC/MC/PC43B	1040	30.0	22.8	14.50	12.00
	Y*(8,L)C*C16	21.0	FC/MC/PC35C	1025	30.0	22.0	14.50	12.00
	Y*(8,L)C*C16	21.0	FC/MC/PC43C	990	30.0	22.2	14.50	12.00
	Y*(8,L)C*C20	21.0	FC/MC/PC35C	1080	30.0	23.0	14.50	12.00
	Y*(8,L)C*C20	21.0	FC/MC/PC43C	1000	30.0	22.2	14.50	12.00
	Y*9C*B12	17.5	FC/MC/PC35B	1045	30.0	22.0	14.00	11.50
	Y*9C*B12	17.5	FC/MC/PC43B	1035	30.0	22.2	14.50	12.00
	Y*9C*C16	21.0	FC/MC/PC35C	1005	30.0	22.0	14.50	12.00
	Y*9C*C16	21.0	FC/MC/PC43C	1030	30.0	22.2	14.50	12.00
	Y*9C*C20	21.0	FC/MC/PC35C	985	30.0	22.0	14.50	12.00
	Y*9C*C20	21.0	FC/MC/PC43C	995	30.0	22.2	14.50	12.00
YHJD36S4(3,4)S4	T*(8,L)V*A12	14.5	FC/MC/PC37A	1150	36.0	26.4	13.75	11.50
	T*(8,L)V*B12	17.5	FC/MC/PC43B	1270	36.0	27.2	13.75	11.50
	T*(8,L)V*C16	21.0	FC/MC/PC43C	1205	36.0	26.8	14.50	12.00
	T*(8,L)V*C16	21.0	FC/MC/PC48C	1210	36.0	26.6	14.50	12.00
	T*(8,L)V*C16	21.0	UC48C	1210	36.0	26.8	14.50	12.00
	T*(8,L)V*C20	21.0	FC/MC/PC43C	1190	36.0	26.8	14.50	12.00
	T*(8,L)V*C20	21.0	FC/MC/PC48C	1155	36.0	26.6	14.50	12.00
	T*(8,L)V*C20	21.0	UC48C	1155	36.0	26.8	14.50	12.00
	T*9(C,V)*B12	17.5	FC/MC/PC43B	1200	36.0	26.8	14.00	11.50
	T*9(C,V)*C16	21.0	FC/MC/PC43C	1240	36.0	27.0	14.00	12.00
	T*9(C,V)*C16	21.0	FC/MC/PC48C	1195	36.0	26.6	14.50	12.00
	T*9(C,V)*C16	21.0	UC48C	1195	36.0	26.8	14.50	12.00
	T*9(C,V)*C20	21.0	FC/MC/PC43C	1200	36.0	26.8	14.50	12.00
	T*9(C,V)*C20	21.0	FC/MC/PC48C	1330	36.0	27.6	14.50	12.00
	T*9(C,V)*C20	21.0	UC48C	1330	36.0	27.8	14.50	12.00
	T*9(C,V)*D20	24.5	FC/MC/PC48D	1240	36.0	26.6	14.50	12.00
	T*9(C,V)*D20	24.5	UC48D	1240	36.0	26.8	14.50	12.00
	TM8X080B12MP11	17.5	FC/MC/PC43B	1175	36.0	26.0	13.10	11.00
	TM8X080C16MP11	21.0	FC/MC/PC43C	1150	36.0	26.2	13.70	11.35
	TM8X080C16MP11	21.0	FC/MC/PC48C	1150	36.0	26.6	13.70	11.35
	TM8X100C16MP11	21.0	FC/MC/PC43C	1150	36.0	26.2	13.70	11.35
	TM8X100C16MP11	21.0	FC/MC/PC48C	1150	36.0	26.6	13.70	11.35
	TM8X100C20MP11	21.0	FC/MC/PC43C	1200	36.0	27.2	13.70	11.35
	TM8X100C20MP11	21.0	FC/MC/PC48C	1200	36.0	27.4	13.70	11.35
	TM8X120C20MP11	21.0	FC/MC/PC43C	1200	36.0	27.2	13.70	11.35
	TM8X120C20MP11	21.0	FC/MC/PC48C	1200	36.0	27.4	13.70	11.35
	TM9E060B12MP11	17.5	FC/MC/PC43B	1125	36.0	26.0	13.10	11.00
	TM9E080B12MP11	17.5	FC/MC/PC43B	1125	36.0	26.0	13.10	11.00
	TM9E080C16MP11	21.0	FC/MC/PC43C	1175	36.0	26.2	13.50	11.35
	TM9E080C16MP11	21.0	FC/MC/PC48C	1150	36.0	26.6	13.50	11.35
	TM9E080C16MP11	21.0	UC48C	1150	35.8	24.8	13.25	11.35
	TM9E100C16MP11	21.0	FC/MC/PC43C	1175	36.0	26.2	13.50	11.35

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COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	Net MBH		SEER	EER
					TOTAL	SENS.		
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [2]								
YHJD36S4(3,4)S4	TM9E100C16MP11	21.0	FC/MC/PC48C	1150	36.0	26.6	13.50	11.35
	TM9E100C16MP11	21.0	UC48C	1150	35.8	24.8	13.25	11.35
	TM9E100C20MP11	21.0	FC/MC/PC43C	1150	36.0	26.2	13.50	11.35
	TM9E100C20MP11	21.0	FC/MC/PC48C	1150	36.0	26.6	13.50	11.35
	TM9E100C20MP11	21.0	UC48C	1150	35.8	24.8	13.25	11.35
	TM9E120D20MP11	24.5	FC/MC/PC48D	1175	36.0	26.6	13.50	11.35
	TM9E120D20MP11	24.5	UC48D	1175	35.8	24.8	13.50	11.35
	TM9X060B12MP11	17.5	FC/MC/PC43B	1125	36.0	26.0	13.10	11.00
	TM9X080B12MP11	17.5	FC/MC/PC43B	1125	36.0	26.0	13.10	11.00
	TM9X080C16MP11	21.0	FC/MC/PC43C	1175	36.0	26.2	13.50	11.35
	TM9X080C16MP11	21.0	FC/MC/PC48C	1150	36.0	26.6	13.50	11.35
	TM9X080C16MP11	21.0	UC48C	1150	35.8	24.8	13.25	11.35
	TM9X100C16MP11	21.0	FC/MC/PC43C	1175	36.0	26.2	13.50	11.35
	TM9X100C16MP11	21.0	FC/MC/PC48C	1150	36.0	26.6	13.50	11.35
	TM9X100C16MP11	21.0	UC48C	1150	35.8	24.8	13.25	11.35
	TM9X100C20MP11	21.0	FC/MC/PC43C	1150	36.0	26.2	13.50	11.35
	TM9X100C20MP11	21.0	FC/MC/PC48C	1150	36.0	26.6	13.50	11.35
	TM9X100C20MP11	21.0	UC48C	1150	35.8	24.8	13.25	11.35
	TM9X120D20MP11	24.5	FC/MC/PC48D	1175	36.0	26.6	13.50	11.35
	TM9X120D20MP11	24.5	UC48D	1175	35.8	24.8	13.50	11.35
	TMLX080B12MP11	17.5	FC/MC/PC43B	1175	36.0	26.0	13.10	11.00
	TMLX080C16MP11	21.0	FC/MC/PC43C	1150	36.0	26.2	13.70	11.35
	TMLX080C16MP11	21.0	FC/MC/PC48C	1150	36.0	26.6	13.70	11.35
	TMLX080C16MP11	21.0	UC48C	1150	35.8	25.0	13.50	11.35
	TMLX100C16MP11	21.0	FC/MC/PC43C	1150	36.0	26.2	13.70	11.35
	TMLX100C16MP11	21.0	FC/MC/PC48C	1150	36.0	26.6	13.70	11.35
	TMLX100C16MP11	21.0	UC48C	1150	35.8	25.0	13.50	11.35
	TMLX100C20MP11	21.0	FC/MC/PC43C	1200	36.0	27.2	13.70	11.35
	TMLX100C20MP11	21.0	FC/MC/PC48C	1200	36.0	27.4	13.70	11.35
	TMLX100C20MP11	21.0	UC48C	1200	35.8	24.8	13.25	11.35
	TMLX120C20MP11	21.0	FC/MC/PC43C	1200	36.0	27.2	13.70	11.35
	TMLX120C20MP11	21.0	FC/MC/PC48C	1200	36.0	27.4	13.70	11.35
	TMLX120C20MP11	21.0	UC48C	1200	35.8	24.8	13.25	11.35
	Y*(8,L)C*A12	14.5	FC/MC/PC37A	1150	36.0	26.4	13.75	11.50
	Y*(8,L)C*B12	17.5	FC/MC/PC43B	1270	36.0	27.2	13.75	11.50
	Y*(8,L)C*C16	21.0	FC/MC/PC43C	1205	36.0	26.8	14.50	12.00
	Y*(8,L)C*C16	21.0	FC/MC/PC48C	1210	36.0	26.6	14.50	12.00
	Y*(8,L)C*C16	21.0	UC48C	1210	36.0	26.8	14.50	12.00
	Y*(8,L)C*C20	21.0	FC/MC/PC43C	1190	36.0	26.8	14.50	12.00
	Y*(8,L)C*C20	21.0	FC/MC/PC48C	1155	36.0	26.6	14.50	12.00
	Y*(8,L)C*C20	21.0	UC48C	1155	36.0	26.8	14.50	12.00
	Y*9C*B12	17.5	FC/MC/PC43B	1200	36.0	26.8	14.00	11.50
	Y*9C*C16	21.0	FC/MC/PC43C	1240	36.0	27.0	14.00	12.00
	Y*9C*C16	21.0	FC/MC/PC48C	1195	36.0	26.6	14.50	12.00
	Y*9C*C16	21.0	UC48C	1195	36.0	26.8	14.50	12.00
	Y*9C*C20	21.0	FC/MC/PC43C	1200	36.0	26.8	14.50	12.00
	Y*9C*C20	21.0	FC/MC/PC48C	1330	36.0	27.6	14.50	12.00
	Y*9C*C20	21.0	UC48C	1330	36.0	27.8	14.50	12.00
	Y*9C*D20	24.5	FC/MC/PC48D	1240	36.0	26.6	14.50	12.00
	Y*9C*D20	24.5	UC48D	1240	36.0	26.8	14.50	12.00

For Notes See Page 10.

COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	Net MBH		SEER	EER
					TOTAL	SENS.		
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [2]								
YHJD42S4(3,4)S4	T*(8,L)V*C16	21.0	FC/MC/PC48C	1435	40.0	29.8	13.25	11.50
	T*(8,L)V*C16	21.0	FC/PC60C	1420	41.5	32.2	14.00	12.00
	T*(8,L)V*C16	21.0	UC60C	1420	41.0	31.4	13.75	11.50
	T*(8,L)V*C20	21.0	FC/MC/PC48C	1410	40.0	29.6	13.50	11.50
	T*(8,L)V*C20	21.0	FC/PC60C	1410	42.0	32.4	14.00	12.00
	T*(8,L)V*C20	21.0	UC60C	1410	41.0	31.4	14.00	12.00
	T*9(C,V)*C16	21.0	FC/MC/PC48C	1395	40.0	29.2	13.20	11.50
	T*9(C,V)*C16	21.0	FC/PC60C	1445	41.0	32.0	13.25	11.50
	T*9(C,V)*C16	21.0	UC60C	1445	40.5	31.0	13.20	11.50
	T*9(C,V)*C20	21.0	FC/MC/PC48C	1430	40.0	29.6	13.15	11.50
	T*9(C,V)*C20	21.0	FC/PC60C	1445	41.5	32.0	13.75	11.50
	T*9(C,V)*C20	21.0	UC60C	1445	41.0	31.2	13.50	11.50
	T*9(C,V)*D20	24.5	FC/MC/PC48D	1450	40.5	29.8	13.25	11.50
	T*9(C,V)*D20	24.5	FC/MC/PC60D	1445	41.5	32.2	13.75	11.50
	T*9(C,V)*D20	24.5	UC60D	1445	41.0	31.4	13.50	11.50
	TM8X080C16MP11	21.0	FC/PC60C	1350	40.0	30.2	13.50	11.35
	TM8X080C16MP11	21.0	UC60C	1350	39.5	29.6	13.25	11.35
	TM8X100C16MP11	21.0	FC/PC60C	1350	40.0	30.2	13.50	11.35
	TM8X100C16MP11	21.0	UC60C	1350	39.5	29.6	13.25	11.35
	TM8X100C20MP11	21.0	FC/PC60C	1375	40.0	30.2	13.50	11.35
	TM8X100C20MP11	21.0	UC60C	1375	39.5	29.6	13.25	11.35
	TM8X120C20MP11	21.0	FC/PC60C	1375	40.0	30.2	13.50	11.35
	TM8X120C20MP11	21.0	UC60C	1375	39.5	29.6	13.25	11.35
	TM9E120D20MP11	24.5	FC/MC/PC60D	1325	40.0	29.4	13.50	11.35
	TM9E120D20MP11	24.5	UC60D	1325	39.5	29.6	13.25	11.35
	TM9X120D20MP11	24.5	FC/MC/PC60D	1325	40.0	29.4	13.50	11.35
	TM9X120D20MP11	24.5	UC60D	1325	39.5	29.6	13.25	11.35
	TMLX080C16MP11	21.0	FC/PC60C	1350	40.0	30.2	13.50	11.35
	TMLX080C16MP11	21.0	UC60C	1350	39.5	29.6	13.25	11.35
	TMLX100C16MP11	21.0	FC/PC60C	1350	40.0	30.2	13.50	11.35
	TMLX100C16MP11	21.0	UC60C	1350	39.5	29.6	13.25	11.35
	TMLX100C20MP11	21.0	FC/PC60C	1375	40.0	30.2	13.50	11.35
	TMLX100C20MP11	21.0	UC60C	1375	39.5	29.6	13.25	11.35
	TMLX120C20MP11	21.0	FC/PC60C	1375	40.0	30.2	13.50	11.35
	TMLX120C20MP11	21.0	UC60C	1375	39.5	29.6	13.25	11.35
	Y*(8,L)C*C16	21.0	FC/MC/PC48C	1435	40.0	29.8	13.25	11.50
	Y*(8,L)C*C16	21.0	FC/PC60C	1420	41.5	32.2	14.00	12.00
	Y*(8,L)C*C16	21.0	UC60C	1420	41.0	31.4	13.75	11.50
	Y*(8,L)C*C20	21.0	FC/MC/PC48C	1410	40.0	29.6	13.50	11.50
	Y*(8,L)C*C20	21.0	FC/PC60C	1410	42.0	32.4	14.00	12.00
	Y*(8,L)C*C20	21.0	UC60C	1410	41.0	31.4	14.00	12.00
	Y*9C*C16	21.0	FC/MC/PC48C	1395	40.0	29.2	13.20	11.50
	Y*9C*C16	21.0	FC/PC60C	1445	41.0	32.0	13.25	11.50
	Y*9C*C16	21.0	UC60C	1445	40.5	31.0	13.20	11.50
	Y*9C*C20	21.0	FC/MC/PC48C	1430	40.0	29.6	13.15	11.50
	Y*9C*C20	21.0	FC/PC60C	1445	41.5	32.0	13.75	11.50
	Y*9C*C20	21.0	UC60C	1445	41.0	31.2	13.50	11.50
	Y*9C*D20	24.5	FC/MC/PC48D	1450	40.5	29.8	13.25	11.50
	Y*9C*D20	24.5	FC/MC/PC60D	1445	41.5	32.2	13.75	11.50
	Y*9C*D20	24.5	UC60D	1445	41.0	31.4	13.50	11.50

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COOLING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODEL	FURNACE		COIL MODEL[1]	COOLING				
	MODEL	WIDTH		RATED CFM	Net MBH		SEER	EER
					TOTAL	SENS.		
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [2]								
YHJD48S4(3,4)S3	T*(8,L)V*C20	24.5	FC/MC62D	1670	47.0	35.3	13.00	11.00
	T*9(C,V)*C20	24.5	FC/MC62D	1605	47.0	35.3	13.00	11.00
	T*9(C,V)*D20	24.5	FC/MC62D	1595	47.0	35.3	13.00	11.00
	TM8X100C20MP11	21.0	FC/MC62D	1575	47.0	35.2	13.00	11.00
	TM8X120C20MP11	21.0	FC/MC62D	1575	47.0	35.2	13.00	11.00
	TM9E100C20MP11	21.0	FC/MC62D	1550	47.0	35.2	13.00	11.00
	TM9E120D20MP11	24.5	FC/MC62D	1550	47.0	35.2	13.00	11.00
	TM9X100C20MP11	21.0	FC/MC62D	1550	47.0	35.2	13.00	11.00
	TM9X120D20MP11	24.5	FC/MC62D	1550	47.0	35.2	13.00	11.00
	TMLX100C20MP11	21.0	FC/MC62D	1575	47.0	35.2	13.00	11.00
	TMLX120C20MP11	21.0	FC/MC62D	1575	47.0	35.2	13.00	11.00
	Y*(8,L)C*C20	24.5	FC/MC62D	1670	47.0	35.3	13.00	11.00
	Y*9C*C20	24.5	FC/MC62D	1605	47.0	35.3	13.00	11.00
	Y*9C*D20	24.5	FC/MC62D	1595	47.0	35.3	13.00	11.00
YHJD60S4(3,4)S5	T*(8,L)V*C20	21.0	FC/MC62D	1600	54.0	37.8	13.70	11.35
	T*(8,L)V*C20	21.0	FC64D	1855	57.5	42.0	13.70	11.35
	T*9V*C20	21.0	FC/MC62D	1655	54.0	38.5	13.70	11.35
	T*9V*C20	21.0	FC64D	1655	57.0	40.5	13.70	11.35
	T*9V*D20	24.5	FC/MC62D	1630	54.0	38.5	13.70	11.35
	T*9V*D20	24.5	FC64D	1630	57.0	40.0	13.70	11.35
	TM8X080C16MP11	21.0	FC/MC62D	1550	53.5	37.4	13.70	11.35
	TM8X080C16MP11	21.0	FC64D	1550	56.5	39.0	13.70	11.35
	TM8X100C16MP11	21.0	FC/MC62D	1550	53.5	37.4	13.70	11.35
	TM8X100C16MP11	21.0	FC64D	1550	56.5	39.0	13.70	11.35
	TM8X100C20MP11	21.0	FC/MC62D	1575	53.5	37.8	13.70	11.35
	TM8X120C20MP11	21.0	FC/MC62D	1575	53.5	37.8	13.70	11.35
	TM9E100C20MP11	21.0	FC/MC62D	1550	53.5	37.4	13.70	11.35
	TM9E100C20MP11	21.0	FC64D	1550	56.5	39.0	13.70	11.35
	TM9E120D20MP11	24.5	FC/MC62D	1550	53.5	37.4	13.70	11.35
	TM9E120D20MP11	24.5	FC64D	1525	56.5	39.0	13.70	11.35
	TM9X100C20MP11	21.0	FC/MC62D	1550	53.5	37.4	13.70	11.35
	TM9X100C20MP11	21.0	FC64D	1550	56.5	39.0	13.70	11.35
	TM9X120D20MP11	24.5	FC/MC62D	1550	53.5	37.4	13.70	11.35
	TM9X120D20MP11	24.5	FC64D	1525	56.5	39.0	13.70	11.35
	TMLX080C16MP11	21.0	FC/MC62D	1550	53.5	37.4	13.70	11.35
	TMLX080C16MP11	21.0	FC64D	1550	56.5	39.0	13.70	11.35
	TMLX100C16MP11	21.0	FC/MC62D	1550	53.5	37.4	13.70	11.35
	TMLX100C16MP11	21.0	FC64D	1550	56.5	39.0	13.70	11.35
	TMLX100C20MP11	21.0	FC/MC62D	1575	53.5	37.8	13.70	11.35
	TMLX120C20MP11	21.0	FC/MC62D	1575	53.5	37.8	13.70	11.35
	Y*(8,L)C*C20	21.0	FC/MC62D	1600	54.0	37.8	13.70	11.35
	Y*(8,L)C*C20	21.0	FC/MC62D	1600	54.0	37.8	13.70	11.35
	Y*(8,L)C*C20	21.0	FC64D	1855	57.5	42.0	13.70	11.35
	Y*9C*C20	21.0	FC/MC62D	1655	54.0	38.5	13.70	11.35
	Y*9C*C20	21.0	FC64D	1655	57.0	40.5	13.70	11.35
	Y*9C*D20	21.0	FC/MC62D	1630	54.0	38.5	13.70	11.35
	Y*9C*D20	21.0	FC64D	1630	57.0	40.0	13.70	11.35

1. MC coils available with a factory installed horizontal drain pan. See price pages for specific model number.
2. High Efficiency Motor Furnaces have B.O.D (Blower on Delay) standard.

PSC furnaces, such as the TG8S, TGLS, and TG9S, use Coil Only Ratings.

HEATING CAPACITY - With Air Handler

UNIT MODEL	AIR HANDLER	COIL[1] MODEL	HEATING[2]						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
13 SEER HP WITH AIR HANDLERS									
YHJD30S4(3,4)S4	AHE30B	–	26.6	3.40	2.29	15.5	2.42	1.88	7.70
	AHE36C	–	26.8	3.56	2.21	15.3	2.50	1.79	7.70
	AHR30B	–	27.6	3.30	2.45	16.2	2.32	2.05	7.70
	AHR36B	–	27.8	3.36	2.42	16.2	2.32	2.05	7.70
	AHV30B	–	28.0	3.48	2.36	15.5	2.30	1.97	7.70
	AHV36C	–	27.6	3.62	2.23	15.0	2.42	1.82	8.20
	MV12B	FC/MC35B	26.8	3.50	2.24	15.4	2.48	1.82	8.00
	MV12B	FC/MC43B	27.4	3.58	2.24	15.6	2.46	1.86	8.20
	MV16C	FC/MC35C	27.0	3.56	2.22	15.4	2.50	1.80	8.15
	MV16C	FC/MC43C	27.4	3.60	2.23	15.5	2.48	1.83	8.20
	MX12BN21	FC/MC35B	28.0	3.58	2.29	15.3	2.40	1.87	8.05
	MX12BN21	FC/MC43B	28.6	3.68	2.28	15.4	2.42	1.86	8.05
	MX16CN21	FC/MC35C	28.0	3.58	2.29	15.3	2.38	1.88	8.05
	MX16CN21	FC/MC43C	28.0	3.70	2.22	14.9	2.46	1.77	8.20
YHJD36S4(3,4)S4	AHE36C	–	30.6	3.44	2.61	21.6	2.84	2.23	8.20
	AHE42D	–	30.6	3.48	2.58	21.4	2.88	2.18	8.20
	AHR36B	–	31.4	3.28	2.80	22.6	2.68	2.47	7.70
	AHR42C	–	31.4	3.32	2.77	22.2	2.70	2.41	7.70
	AHV36C	–	30.8	3.42	2.64	22.0	2.78	2.32	8.00
	AHV42D	–	30.6	3.46	2.59	21.6	2.88	2.20	8.20
	MV12B	FC/MC43B	34.2	3.58	2.80	21.8	2.76	2.31	8.20
	MV12D	FC/MC48D	33.8	3.70	2.68	21.6	2.86	2.21	8.20
	MV16C	FC/MC43C	33.8	3.60	2.75	21.6	2.78	2.28	8.20
	MV16C	FC/MC48C	34.0	3.64	2.74	21.8	2.82	2.27	8.20
	MX12BN21	FC/MC43B	31.2	3.38	2.70	22.2	2.78	2.34	7.75
	MX16CN21	FC/MC43C	31.6	3.42	2.71	22.4	2.80	2.34	7.75
	MX12DN21	FC/MC48D	31.0	3.48	2.61	21.8	2.88	2.22	8.05
	MX16CN21	FC/MC48C	31.6	3.44	2.69	22.4	2.78	2.36	7.75
	MX20DN21	FC/MC48D	31.4	3.54	2.60	22.0	2.90	2.22	8.20
YHJD42S4(3,4)S4	AHE48D	–	39.5	3.86	3.00	22.2	2.58	2.52	8.00
	AHR48D	–	40.0	3.66	3.20	22.4	2.48	2.65	7.70
	AHV48D	–	39.5	3.86	3.00	21.0	2.54	2.42	8.20
	MV16C	FC/MC48C	36.0	3.58	2.95	23.4	2.76	2.48	8.20
	MV16C	FC/MC60C	39.5	3.90	2.97	22.4	2.62	2.51	8.20
	MV20D	FC/MC48D	36.0	3.66	2.88	23.4	2.82	2.43	8.20
	MV20D	FC/MC60D	39.5	3.94	2.94	22.2	2.66	2.45	8.20
	MX16CN21	FC/MC60C	40.5	3.82	3.11	21.6	2.44	2.59	7.75
	MX20DN21	FC/MC60D	40.0	3.92	2.99	21.2	2.52	2.46	8.05
YHJD48S4(3,4)S3	AHE48D	–	45.5	3.68	3.62	26.8	2.84	2.76	8.20
	AHV48D	–	45.5	3.90	3.42	26.2	2.70	2.84	8.20
	AHV60D	–	46.0	3.98	3.39	26.6	2.74	2.84	8.20
	MV20D	FC/MC60D	46.0	4.00	3.10	27.0	2.78	1.82	8.20
	MV20D	FC/MC62D	46.0	4.00	3.10	27.0	2.78	1.82	8.20
	MX16CN21	FC60C	46.5	4.02	3.39	26.4	2.76	2.80	7.75
	MX20DN21	FC/MC60D	46.0	4.14	3.26	26.0	2.84	2.68	7.75
	MX20DN21	FC/MC62D	45.0	4.18	3.22	21.4	2.54	2.47	7.75

For Notes See Page 12.

HEATING CAPACITY - With Air Handler (Continued)

UNIT MODEL	AIR HANDLER	COIL[1] MODEL	HEATING[2]						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
13 SEER HP WITH AIR HANDLERS									
YHJD60S4(3,4)S5	AHE60D	–	57.0	3.74	4.47	35.2	2.72	3.79	7.75
	AHR60D	–	57.5	3.62	4.65	35.8	2.64	3.97	7.70
	AHV60D	–	56.0	3.56	4.61	34.8	2.60	3.92	7.75
	MV20D	FC/MC62D	57.0	3.68	4.54	35.4	2.68	3.87	7.75
	MV20D	FC64D	58.0	3.70	4.59	30.6	2.40	3.74	7.75
	MX20DN21	FC/MC62D	55.5	3.70	4.39	35.8	1.10	2.53	8.20
	MX20DN21	FC64D	56.0	3.74	4.39	35.8	0.96	2.50	7.75

1. Rated CFM same as for cooling.
2. Heating MBH based on AHRI standards of 70° DB (Dry Bulb) entering indoor air, 72% RH (Relative Humidity) outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.

COP equals MBH output divided by (total KW input x 3.412).

HSPF (Heating Seasonal Performance Factor) is the total heating output during a normal annual usage period for heating divided by the total electric power input during the same period.

— = Not Applicable.

MA Modular Air Handlers use Coil Only Ratings.

HEATING CAPACITY - Upflow, Downflow, and Horizontal Furnaces and Coils (Coil Only Ratings)

UNIT MODEL	COIL[1] MODEL	HEATING[2]						
		47°F			17°F			HSPF
		MBH	COP	KW	MBH	COP	KW	STD
13 SEER HP COIL ONLY RATINGS								
YHJD30S4(3,4)S4	FC/MC/PC32	27.4	3.28	2.45	16.0	2.30	2.04	7.70
	FC/MC/PC35	27.4	3.28	2.45	16.0	2.30	2.04	7.70
	FC/MC/PC37	28.0	3.38	2.43	16.1	2.32	2.03	7.70
	FC/MC/PC43	28.0	3.38	2.43	16.1	2.32	2.03	7.70
YHJD36S4(3,4)S4	FC/MC/PC37	34.4	3.42	2.95	22.4	2.62	2.51	8.00
	FC/MC/PC43	34.6	3.40	2.98	22.2	2.60	2.50	8.00
	FC/MC/PC48	34.8	3.44	2.96	22.6	2.64	2.51	8.00
	UC48	35.0	3.52	2.91	22.4	2.62	2.51	8.00
YHJD42S4(3,4)S4	FC/MC/PC60	40.5	3.72	3.19	23.0	2.50	2.70	7.70
	UC60	40.0	3.68	3.18	22.8	2.48	2.69	7.70
YHJD60S4(3,4)S5	FC/MC62	57.5	3.64	4.63	35.6	2.66	3.92	7.75
	FC64	58.0	3.68	4.62	31.8	2.40	3.88	7.75

1. Rated CFM same as for cooling.
2. Heating MBH based on ARI standards of 70 °F DB (Dry Bulb) entering indoor air, 72% RH (Relative Humidity) outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.

COP equals MBH output divided by (total KW input x 3.412).

HSPF (Heating Seasonal Performance Factor) is the total heating output during a normal annual usage period for heating divided by the total electric power input during the same period.

— = Not Applicable.

MA Modular Air Handlers use Coil Only Ratings.

PSC furnaces, such as the TG8S, TGLS, and TG9S, use Coil Only Ratings.

HEATING CAPACITY - With High Efficiency Motor Furnaces

UNIT MODELS	FURNACE MODEL	COIL[1] MODEL	HEATING [2]						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [3]									
YHJD30S4(3,4)S4	T*(8,L)V*A12	FC/MC/PC32A	27.4	3.30	2.43	16.0	2.32	2.02	7.85
	T*(8,L)V*A12	FC/MC/PC37A	27.2	3.48	2.29	15.7	2.42	1.90	8.05
	T*(8,L)V*B12	FC/MC/PC35B	27.0	3.42	2.31	15.6	2.42	1.89	7.95
	T*(8,L)V*B12	FC/MC/PC43B	27.6	3.52	2.30	15.7	2.42	1.90	8.15
	T*(8,L)V*C16	FC/MC/PC35C	26.8	3.48	2.26	15.5	2.44	1.86	8.00
	T*(8,L)V*C16	FC/MC/PC43C	27.4	3.60	2.23	15.5	2.50	1.82	8.20
	T*(8,L)V*C20	FC/MC/PC35C	27.2	3.50	2.28	15.5	2.44	1.86	8.10
	T*(8,L)V*C20	FC/MC/PC43C	27.2	3.62	2.20	15.5	2.50	1.82	8.20
	T*9(C,V)*B12	FC/MC/PC35B	27.2	3.36	2.37	15.8	2.36	1.96	7.90
	T*9(C,V)*B12	FC/MC/PC43B	27.6	3.48	2.32	15.8	2.40	1.93	8.10
	T*9(C,V)*C16	FC/MC/PC35C	26.8	3.46	2.27	15.5	2.44	1.86	8.00
	T*9(C,V)*C16	FC/MC/PC43C	27.4	3.54	2.27	15.7	2.44	1.89	8.15
	T*9(C,V)*C20	FC/MC/PC35C	26.8	3.46	2.27	15.5	2.44	1.86	8.00
	T*9(C,V)*D20	FC/MC/PC43C	27.4	3.58	2.24	15.5	2.48	1.83	8.20
	TM8X080B12MP11	FC/MC/PC35B	27.8	3.50	2.33	15.2	2.30	1.94	7.75
	TM8X080B12MP11	FC/MC/PC43B	28.6	3.66	2.29	15.4	2.40	1.88	8.20
	TM8X080C16MP11	FC/MC/PC35C	28.0	3.62	2.27	15.2	2.42	1.84	8.20
	TM8X080C16MP11	FC/MC/PC43C	28.2	3.66	2.26	15.1	2.42	1.83	8.20
	TM8X100C16MP11	FC/MC/PC35C	28.0	3.62	2.27	15.2	2.42	1.84	8.20
	TM8X100C16MP11	FC/MC/PC43C	28.2	3.66	2.26	15.1	2.42	1.83	8.20
	TM8X100C20MP11	FC/MC/PC35C	28.0	3.60	2.28	15.2	2.40	1.86	8.20
	TM8X100C20MP11	FC/MC/PC43C	28.4	3.68	2.26	15.3	2.42	1.85	8.20
	TM8X120C20MP11	FC/MC/PC35C	28.0	3.60	2.28	15.2	2.40	1.86	8.20
	TM8X120C20MP11	FC/MC/PC43C	28.4	3.68	2.26	15.3	2.42	1.85	8.20
	TM9E060B12MP11	FC/MC/PC35B	28.0	3.48	2.36	15.3	2.30	1.95	7.75
	TM9E060B12MP11	FC/MC/PC43B	28.4	3.58	2.32	15.3	2.36	1.90	7.75
	TM9E080B12MP11	FC/MC/PC35B	28.0	3.48	2.36	15.3	2.30	1.95	7.75
	TM9E080B12MP11	FC/MC/PC43B	28.4	3.58	2.32	15.3	2.36	1.90	7.75
	TM9E080C16MP11	FC/MC/PC35C	28.0	3.60	2.28	15.3	2.40	1.87	8.20
	TM9E080C16MP11	FC/MC/PC43C	28.6	3.68	2.28	15.3	2.42	1.85	8.20
	TM9E100C16MP11	FC/MC/PC35C	28.0	3.60	2.28	15.3	2.40	1.87	8.20
	TM9E100C16MP11	FC/MC/PC43C	28.6	3.68	2.28	15.3	2.42	1.85	8.20
	TM9E100C20MP11	FC/MC/PC35C	28.4	3.46	2.40	15.6	2.30	1.99	7.75
	TM9E100C20MP11	FC/MC/PC43C	28.8	3.56	2.37	15.7	2.32	1.98	7.75
	TM9X060B12MP11	FC/MC/PC35B	28.0	3.48	2.36	15.3	2.30	1.95	7.75
	TM9X060B12MP11	FC/MC/PC43B	28.4	3.58	2.32	15.3	2.36	1.90	7.75
	TM9X080B12MP11	FC/MC/PC35B	28.0	3.48	2.36	15.3	2.30	1.95	7.75
	TM9X080B12MP11	FC/MC/PC43B	28.4	3.58	2.32	15.3	2.36	1.90	7.75
	TM9X080C16MP11	FC/MC/PC35C	28.0	3.60	2.28	15.3	2.40	1.87	8.20
	TM9X080C16MP11	FC/MC/PC43C	28.6	3.68	2.28	15.3	2.42	1.85	8.20
	TM9X100C16MP11	FC/MC/PC35C	28.0	3.60	2.28	15.3	2.40	1.87	8.20
	TM9X100C16MP11	FC/MC/PC43C	28.6	3.68	2.28	15.3	2.42	1.85	8.20
	TM9X100C20MP11	FC/MC/PC35C	28.4	3.46	2.40	15.6	2.30	1.99	7.75
	TM9X100C20MP11	FC/MC/PC43C	28.8	3.56	2.37	15.7	2.32	1.98	7.75
	TMLX080B12MP11	FC/MC/PC35B	27.8	3.50	2.33	15.2	2.30	1.94	7.75
	TMLX080B12MP11	FC/MC/PC43B	28.6	3.66	2.29	15.4	2.40	1.88	8.20

For Notes See Page 18.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODELS	FURNACE MODEL	COIL [1] MODEL	HEATING [2]						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [3]									
YHJD30S4(3,4)S4	TMLX080C16MP11	FC/MC/PC35C	28.0	3.62	2.27	15.2	2.42	1.84	8.20
	TMLX080C16MP11	FC/MC/PC43C	28.2	3.66	2.26	15.1	2.42	1.83	8.20
	TMLX100C16MP11	FC/MC/PC35C	28.0	3.62	2.27	15.2	2.42	1.84	8.20
	TMLX100C16MP11	FC/MC/PC43C	28.2	3.66	2.26	15.1	2.42	1.83	8.20
	TMLX100C20MP11	FC/MC/PC35C	28.0	3.60	2.28	15.2	2.40	1.86	8.20
	TMLX100C20MP11	FC/MC/PC43C	28.4	3.68	2.26	15.3	2.42	1.85	8.20
	TMLX120C20MP11	FC/MC/PC35C	28.0	3.60	2.28	15.2	2.40	1.86	8.20
	TMLX120C20MP11	FC/MC/PC43C	28.4	3.68	2.26	15.3	2.42	1.85	8.20
	Y*9C*B12	FC/MC/PC35B	27.2	3.36	2.37	15.8	2.36	1.96	7.90
	Y*9C*B12	FC/MC/PC43B	27.6	3.48	2.32	15.8	2.40	1.93	8.10
	Y*9C*C16	FC/MC/PC35C	26.8	3.46	2.27	15.5	2.44	1.86	8.00
	Y*9C*C16	FC/MC/PC43C	27.4	3.54	2.27	15.7	2.44	1.89	8.15
	Y*9C*C20	FC/MC/PC35C	26.8	3.46	2.27	15.5	2.44	1.86	8.00
	Y*9C*D20	FC/MC/PC43C	27.4	3.58	2.24	15.5	2.48	1.83	8.20
	Y*(8,L)C*A12	FC/MC/PC32A	27.4	3.30	2.43	16.0	2.32	2.02	7.85
	Y*(8,L)C*A12	FC/MC/PC37A	27.2	3.48	2.29	15.7	2.42	1.90	8.05
	Y*(8,L)C*B12	FC/MC/PC35B	27.0	3.42	2.31	15.6	2.42	1.89	7.95
	Y*(8,L)C*B12	FC/MC/PC43B	27.6	3.52	2.30	15.7	2.42	1.90	8.15
	Y*(8,L)C*C16	FC/MC/PC35C	26.8	3.48	2.26	15.5	2.44	1.86	8.00
	Y*(8,L)C*C16	FC/MC/PC43C	27.4	3.60	2.23	15.5	2.50	1.82	8.20
	Y*(8,L)C*C20	FC/MC/PC35C	27.2	3.50	2.28	15.5	2.44	1.86	8.10
	Y*(8,L)C*C20	FC/MC/PC43C	27.2	3.62	2.20	15.5	2.50	1.82	8.20
YHJD36S4(3,4)S4	T*(8,L)V*A12	FC/MC/PC37A	34.0	3.46	2.88	22.2	2.66	2.45	8.20
	T*(8,L)V*B12	FC/MC/PC43B	34.6	3.48	2.91	22.4	2.66	2.47	8.20
	T*(8,L)V*C16	FC/MC/PC43C	34.0	3.56	2.80	21.6	2.74	2.31	8.20
	T*(8,L)V*C16	FC/MC/PC48C	34.2	3.62	2.77	21.8	2.78	2.30	8.20
	T*(8,L)V*C16	UC48C	34.4	3.72	2.71	21.6	2.78	2.28	8.20
	T*(8,L)V*C20	FC/MC/PC43C	33.8	3.58	2.77	21.6	2.76	2.29	8.20
	T*(8,L)V*C20	FC/MC/PC48C	34.0	3.66	2.72	21.8	2.82	2.27	8.20
	T*(8,L)V*C20	UC48C	34.4	3.74	2.69	21.6	2.80	2.26	8.20
	T*9(C,V)*B12	FC/MC/PC43B	34.2	3.48	2.88	22.0	2.66	2.42	8.20
	T*9(C,V)*C16	FC/MC/PC43C	34.0	3.52	2.83	22.0	2.70	2.39	8.20
	T*9(C,V)*C16	FC/MC/PC48C	34.2	3.58	2.80	22.0	2.76	2.34	8.20
	T*9(C,V)*C16	UC48C	34.6	3.68	2.75	21.8	2.76	2.31	8.20
	T*9(C,V)*C20	FC/MC/PC48C	34.8	3.60	2.83	22.4	2.74	2.40	8.20
	T*9(C,V)*C20	UC48C	35.2	3.68	2.80	22.4	2.74	2.40	8.20
	T*9(C,V)*D20	FC/MC/PC43C	34.0	3.56	2.80	21.8	2.74	2.33	8.20
	T*9(C,V)*D20	FC/MC/PC48D	34.2	3.60	2.78	21.8	2.78	2.30	8.20
	T*9(C,V)*D20	UC48D	34.6	3.70	2.74	21.8	2.76	2.31	8.20
	TM8X080B12MP11	FC/MC/PC43B	31.0	3.22	2.82	22.2	2.66	2.45	7.70
	TM8X080C16MP11	FC/MC/PC43C	30.8	3.32	2.72	21.8	2.74	2.33	7.75
	TM8X080C16MP11	FC/MC/PC48C	30.8	3.34	2.70	21.8	2.74	2.33	7.75
	TM8X100C16MP11	FC/MC/PC43C	30.8	3.32	2.72	21.8	2.74	2.33	7.75
	TM8X100C16MP11	FC/MC/PC48C	30.8	3.34	2.70	21.8	2.74	2.33	7.75
	TM8X100C20MP11	FC/MC/PC43C	31.0	3.34	2.72	22.2	2.74	2.37	7.75
	TM8X100C20MP11	FC/MC/PC48C	31.2	3.38	2.70	22.0	2.74	2.35	7.75
	TM8X120C20MP11	FC/MC/PC43C	31.0	3.34	2.72	22.2	2.74	2.37	7.75

For Notes See Page 18.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODELS	FURNACE MODEL	COIL[1] MODEL	HEATING [2]						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [3]									
YHJD36S4(3,4)S4	TM8X120C20MP11	FC/MC/PC48C	31.2	3.38	2.70	22.0	2.74	2.35	7.75
	TM9E060B12MP11	FC/MC/PC43B	31.0	3.22	2.82	22.2	2.66	2.45	7.70
	TM9E080B12MP11	FC/MC/PC43B	31.0	3.22	2.82	22.2	2.66	2.45	7.70
	TM9E080C16MP11	FC/MC/PC43C	30.8	3.28	2.75	22.0	2.70	2.39	7.75
	TM9E080C16MP11	FC/MC/PC48C	31.0	3.30	2.75	22.0	2.72	2.37	7.75
	TM9E080C16MP11	UC48C	30.0	3.14	2.80	21.8	2.64	2.42	7.75
	TM9E100C16MP11	FC/MC/PC43C	30.8	3.28	2.75	22.0	2.70	2.39	7.75
	TM9E100C16MP11	FC/MC/PC48C	31.0	3.30	2.75	22.0	2.72	2.37	7.75
	TM9E100C16MP11	UC48C	30.0	3.14	2.80	21.8	2.64	2.42	7.75
	TM9E100C20MP11	FC/MC/PC43C	30.8	3.30	2.73	21.8	2.72	2.35	7.75
	TM9E100C20MP11	FC/MC/PC48C	30.8	3.32	2.72	22.0	2.72	2.37	7.75
	TM9E100C20MP11	UC48C	30.0	3.14	2.80	21.8	2.64	2.42	7.75
	TM9E120D20MP11	FC/MC/PC48D	30.8	3.34	2.70	21.8	2.74	2.33	7.75
	TM9E120D20MP11	UC48D	30.0	3.16	2.78	21.6	2.66	2.38	7.75
	TM9X060B12MP11	FC/MC/PC43B	31.0	3.22	2.82	22.2	2.66	2.45	7.70
	TM9X080B12MP11	FC/MC/PC43B	31.0	3.22	2.82	22.2	2.66	2.45	7.70
	TM9X080C16MP11	FC/MC/PC43C	30.8	3.28	2.75	22.0	2.70	2.39	7.75
	TM9X080C16MP11	FC/MC/PC48C	31.0	3.30	2.75	22.0	2.72	2.37	7.75
	TM9X080C16MP11	UC48C	30.0	3.14	2.80	21.8	2.64	2.42	7.75
	TM9X100C16MP11	FC/MC/PC43C	30.8	3.28	2.75	22.0	2.70	2.39	7.75
	TM9X100C16MP11	FC/MC/PC48C	31.0	3.30	2.75	22.0	2.72	2.37	7.75
	TM9X100C16MP11	UC48C	30.0	3.14	2.80	21.8	2.64	2.42	7.75
	TM9X100C20MP11	FC/MC/PC43C	30.8	3.30	2.73	21.8	2.72	2.35	7.75
	TM9X100C20MP11	FC/MC/PC48C	30.8	3.32	2.72	22.0	2.72	2.37	7.75
	TM9X100C20MP11	UC48C	30.0	3.14	2.80	21.8	2.64	2.42	7.75
	TM9X120D20MP11	FC/MC/PC48D	30.8	3.34	2.70	21.8	2.74	2.33	7.75
	TM9X120D20MP11	UC48D	30.0	3.16	2.78	21.6	2.66	2.38	7.75
	TMLX080B12MP11	FC/MC/PC43B	31.0	3.22	2.82	22.2	2.66	2.45	7.70
	TMLX080C16MP11	FC/MC/PC43C	30.8	3.32	2.72	21.8	2.74	2.33	7.75
	TMLX080C16MP11	FC/MC/PC48C	30.8	3.34	2.70	21.8	2.74	2.33	7.75
	TMLX080C16MP11	UC48C	30.0	3.18	2.76	21.6	2.68	2.36	7.75
	TMLX100C16MP11	FC/MC/PC43C	30.8	3.32	2.72	21.8	2.74	2.33	7.75
	TMLX100C16MP11	FC/MC/PC48C	30.8	3.34	2.70	21.8	2.74	2.33	7.75
	TMLX100C16MP11	UC48C	30.0	3.18	2.76	21.6	2.68	2.36	7.75
	TMLX100C20MP11	FC/MC/PC43C	31.0	3.34	2.72	22.2	2.74	2.37	7.75
	TMLX100C20MP11	FC/MC/PC48C	31.2	3.38	2.70	22.0	2.74	2.35	7.75
	TMLX100C20MP11	UC48C	30.0	3.16	2.78	21.8	2.66	2.40	7.75
	TMLX120C20MP11	FC/MC/PC43C	31.0	3.34	2.72	22.2	2.74	2.37	7.75
	TMLX120C20MP11	FC/MC/PC48C	31.2	3.38	2.70	22.0	2.74	2.35	7.75
	TMLX120C20MP11	UC48C	30.0	3.16	2.78	21.8	2.66	2.40	7.75
	Y*9C*B12	FC/MC/PC43B	34.2	3.48	2.88	22.0	2.66	2.42	8.20
	Y*9C*C16	FC/MC/PC43C	34.0	3.52	2.83	22.0	2.70	2.39	8.20
	Y*9C*C16	FC/MC/PC48C	34.2	3.58	2.80	22.0	2.76	2.34	8.20
	Y*9C*C16	UC48C	34.6	3.68	2.75	21.8	2.76	2.31	8.20
	Y*9C*C20	FC/MC/PC48C	34.8	3.60	2.83	22.4	2.74	2.40	8.20
	Y*9C*C20	UC48C	35.2	3.68	2.80	22.4	2.74	2.40	8.20
	Y*9C*D20	FC/MC/PC43C	34.0	3.56	2.80	21.8	2.74	2.33	8.20

For Notes See Page 18.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODELS	FURNACE MODEL	COIL [1] MODEL	HEATING [2]						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [3]									
YHJD36S4(3,4)S4	Y*9C*D20	FC/MC/PC48D	34.2	3.60	2.78	21.8	2.78	2.30	8.20
	Y*9C*D20	UC48D	34.6	3.70	2.74	21.8	2.76	2.31	8.20
	Y*(8,L)C*A12	FC/MC/PC37A	34.0	3.46	2.88	22.2	2.66	2.45	8.20
	Y*(8,L)C*B12	FC/MC/PC43B	34.6	3.48	2.91	22.4	2.66	2.47	8.20
	Y*(8,L)C*C16	FC/MC/PC43C	34.0	3.56	2.80	21.6	2.74	2.31	8.20
	Y*(8,L)C*C16	FC/MC/PC48C	34.2	3.62	2.77	21.8	2.78	2.30	8.20
	Y*(8,L)C*C16	UC48C	34.4	3.72	2.71	21.6	2.78	2.28	8.20
	Y*(8,L)C*C20	FC/MC/PC43C	33.8	3.58	2.77	21.6	2.76	2.29	8.20
	Y*(8,L)C*C20	FC/MC/PC48C	34.0	3.66	2.72	21.8	2.82	2.27	8.20
	Y*(8,L)C*C20	UC48C	34.4	3.74	2.69	21.6	2.80	2.26	8.20
YHJD42S4(3,4)S4	T*(8,L)V*C16	FC/MC/PC48C	36.4	3.58	2.98	23.6	2.74	2.52	8.20
	T*(8,L)V*C16	FC/PC60C	40.0	3.88	3.02	22.4	2.60	2.52	8.20
	T*(8,L)V*C16	UC60C	39.5	3.84	3.01	22.4	2.58	2.54	8.20
	T*(8,L)V*C20	FC/MC/PC48C	36.2	3.58	2.96	23.6	2.76	2.51	8.20
	T*(8,L)V*C20	FC/PC60C	39.5	3.92	2.95	22.4	2.64	2.49	8.20
	T*(8,L)V*C20	UC60C	39.5	3.92	2.95	22.4	2.64	2.49	8.20
	T*9(C,V)*C16	FC/MC/PC48C	36.2	3.52	3.01	23.8	2.70	2.58	8.20
	T*9(C,V)*C16	FC/PC60C	40.0	3.78	3.10	22.8	2.54	2.63	8.20
	T*9(C,V)*C16	UC60C	40.0	3.78	3.10	22.8	2.54	2.63	8.20
	T*9(C,V)*C20	FC/MC/PC48C	36.4	3.52	3.03	23.8	2.70	2.58	8.20
	T*9(C,V)*C20	FC/PC60C	40.0	3.82	3.07	22.6	2.56	2.59	8.20
	T*9(C,V)*C20	UC60C	40.0	3.82	3.07	22.6	2.56	2.59	8.20
	T*9(C,V)*D20	FC/MC/PC48D	36.4	3.56	3.00	23.8	2.74	2.55	8.20
	T*9(C,V)*D20	FC/MC/PC60D	40.0	3.86	3.04	22.6	2.60	2.55	8.20
	T*9(C,V)*D20	UC60D	40.0	3.86	3.04	22.6	2.60	2.55	8.20
	TM8X080C16MP11	FC/PC60C	40.5	3.80	3.12	21.6	2.44	2.59	7.75
	TM8X080C16MP11	UC60C	40.0	3.76	3.12	21.4	2.40	2.61	7.75
	TM8X100C16MP11	FC/PC60C	40.5	3.80	3.12	21.6	2.44	2.59	7.75
	TM8X100C16MP11	UC60C	40.0	3.74	3.13	21.4	2.40	2.61	7.75
	TM8X100C20MP11	FC/PC60C	40.5	3.80	3.12	21.6	2.44	2.59	7.75
	TM8X100C20MP11	UC60C	40.0	3.76	3.12	21.4	2.40	2.61	7.75
	TM8X120C20MP11	FC/PC60C	40.5	3.80	3.12	21.6	2.44	2.59	7.75
	TM8X120C20MP11	UC60C	40.0	3.76	3.12	21.4	2.40	2.61	7.75
	TM9E120D20MP11	FC/MC/PC60D	40.0	3.76	3.12	21.6	2.44	2.59	7.75
	TM9E120D20MP11	UC60D	40.0	3.76	3.12	21.4	2.40	2.61	7.75
	TM9X120D20MP11	FC/MC/PC60D	40.0	3.76	3.12	21.6	2.44	2.59	7.75
	TM9X120D20MP11	UC60D	40.0	3.76	3.12	21.4	2.40	2.61	7.75
	TMLX080C16MP11	FC/PC60C	40.5	3.80	3.12	21.6	2.44	2.59	7.75
	TMLX080C16MP11	UC60C	40.0	3.74	3.13	21.4	2.40	2.61	7.75
	TMLX100C16MP11	FC/PC60C	40.5	3.80	3.12	21.6	2.44	2.59	7.75
	TMLX100C16MP11	UC60C	40.0	3.74	3.13	21.4	2.40	2.61	7.75
	TMLX100C20MP11	FC/PC60C	40.5	3.80	3.12	21.6	2.44	2.59	7.75
	TMLX100C20MP11	UC60C	40.0	3.76	3.12	21.4	2.40	2.61	7.75
	TMLX120C20MP11	FC/PC60C	40.5	3.80	3.12	21.6	2.44	2.59	7.75
	TMLX120C20MP11	UC60C	40.0	3.76	3.12	21.4	2.40	2.61	7.75
	Y*9C*C16	FC/MC/PC48C	36.2	3.52	3.01	23.8	2.70	2.58	8.20
	Y*9C*C16	FC/PC60C	40.0	3.78	3.10	22.8	2.54	2.63	8.20

For Notes See Page 18.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODELS	FURNACE MODEL	COIL[1] MODEL	HEATING [2]						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [3]									
YHJD42S4(3,4)S4	Y*9C*C16	UC60C	40.0	3.78	3.10	22.8	2.54	2.63	8.20
	Y*9C*C20	FC/MC/PC48C	36.4	3.52	3.03	23.8	2.70	2.58	8.20
	Y*9C*C20	FC/PC60C	40.0	3.82	3.07	22.6	2.56	2.59	8.20
	Y*9C*C20	UC60C	40.0	3.82	3.07	22.6	2.56	2.59	8.20
	Y*9C*D20	FC/MC/PC48D	36.4	3.56	3.00	23.8	2.74	2.55	8.20
	Y*9C*D20	FC/MC/PC60D	40.0	3.86	3.04	22.6	2.60	2.55	8.20
	Y*9C*D20	UC60D	40.0	3.86	3.04	22.6	2.60	2.55	8.20
	Y*(8,L)C*C16	FC/MC/PC48C	36.4	3.58	2.98	23.6	2.74	2.52	8.20
	Y*(8,L)C*C16	FC/PC60C	40.0	3.88	3.02	22.4	2.60	2.52	8.20
	Y*(8,L)C*C16	UC60C	39.5	3.84	3.01	22.4	2.58	2.54	8.20
	Y*(8,L)C*C20	FC/MC/PC48C	36.2	3.58	2.96	23.6	2.76	2.51	8.20
	Y*(8,L)C*C20	FC/PC60C	39.5	3.92	2.95	22.4	2.64	2.49	8.20
	Y*(8,L)C*C20	UC60C	39.5	3.92	2.95	22.4	2.64	2.49	8.20
YHJD48S4(3,4)S3	T*(8,L)V*C20	FC/MC62D	46.0	4.00	3.10	27.0	2.78	2.82	7.70
	T*9(C,V)*C20	FC/MC62D	46.0	4.00	3.10	27.0	2.78	2.82	7.70
	T*9(C,V)*D20	FC/MC62D	46.0	4.00	3.10	27.0	2.78	2.82	7.70
	TM8X100C20MP11	FC/MC62D	44.0	4.04	3.19	21.8	2.44	2.62	7.70
	TM8X120C20MP11	FC/MC62D	44.0	4.04	3.19	21.8	2.44	2.62	7.70
	TM9E100C20MP11	FC/MC62D	44.0	4.00	3.22	22.0	2.42	2.66	7.70
	TM9E120D20MP11	FC/MC62D	44.0	4.02	3.21	21.8	2.42	2.64	7.70
	TM9X100C20MP11	FC/MC62D	44.0	4.00	3.22	22.0	2.42	2.66	7.70
	TM9X120D20MP11	FC/MC62D	44.0	4.02	3.21	21.8	2.42	2.64	7.70
	TMLX100C20MP11	FC/MC62D	44.0	4.04	3.19	21.8	2.44	2.62	7.70
	TMLX120C20MP11	FC/MC62D	44.0	4.04	3.19	21.8	2.44	2.62	7.70
	Y*(8,L)C*C20	FC/MC62D	46.0	4.00	3.10	27.0	2.78	2.82	7.70
	Y*9C*C20	FC/MC62D	46.0	4.00	3.10	27.0	2.78	2.82	7.70
	Y*9C*D20	FC/MC62D	46.0	4.00	3.10	27.0	2.78	2.82	7.70
YHJD60S4(3,4)S5	T*(8,L)V*C20	FC/MC62D	56.5	3.52	4.70	35.0	2.56	4.01	7.75
	T*(8,L)V*C20	FC64D	58.0	3.68	4.62	30.8	2.38	3.79	7.75
	T*9V*C20	FC/MC62D	56.5	3.56	4.65	35.0	2.60	3.94	7.75
	T*9V*C20	FC64D	57.5	3.58	4.71	30.4	2.32	3.84	7.75
	T*9V*D20	FC/MC62D	56.5	3.56	4.65	35.0	2.60	3.94	7.75
	T*9V*D20	FC64D	57.0	3.58	4.67	30.4	2.32	3.84	7.75
	TM8X080C16MP11	FC/MC62D	55.0	3.46	4.66	35.8	1.08	2.63	7.75
	TM8X080C16MP11	FC64D	56.0	3.50	4.69	35.8	0.94	2.59	7.75
	TM8X100C16MP11	FC/MC62D	55.0	3.46	4.66	35.8	1.08	2.63	7.75
	TM8X100C16MP11	FC64D	56.0	3.50	4.69	35.8	0.94	2.59	7.75
	TM8X100C20MP11	FC/MC62D	55.0	3.52	4.58	35.8	1.08	2.60	7.75
	TM8X120C20MP11	FC/MC62D	55.0	3.52	4.58	35.8	1.08	2.60	7.75
	TM9E100C20MP11	FC/MC62D	55.0	3.48	4.63	35.8	1.08	2.60	7.75
	TM9E100C20MP11	FC64D	56.0	3.50	4.69	35.8	0.94	2.59	7.75
	TM9E120D20MP11	FC/MC62D	55.0	3.48	4.63	35.8	1.08	2.60	7.75
	TM9E120D20MP11	FC64D	55.5	3.48	4.67	35.8	0.94	2.59	7.75
	TM9X100C20MP11	FC/MC62D	55.0	3.48	4.63	35.8	1.08	2.60	7.75
	TM9X100C20MP11	FC64D	56.0	3.50	4.69	35.8	0.94	2.59	7.75
	TM9X120D20MP11	FC/MC62D	55.0	3.48	4.63	35.8	1.08	2.60	7.75
	TM9X120D20MP11	FC64D	55.5	3.48	4.67	35.8	0.94	2.59	7.75

For Notes See Page 18.

HEATING CAPACITY - With High Efficiency Motor Furnaces (Continued)

UNIT MODELS	FURNACE MODEL	COIL [1] MODEL	HEATING [2]						
			47°F			17°F			HSPF
			MBH	COP	KW	MBH	COP	KW	STD
13 SEER HP WITH HIGH EFFICIENCY MOTOR FURNACES [3]									
YHJD60S4(3,4)S5	TMLX080C16MP11	FC/MC62D	55.0	3.48	4.63	35.8	1.08	2.63	7.75
	TMLX080C16MP11	FC64D	56.0	3.50	4.69	35.8	0.94	2.59	7.75
	TMLX100C16MP11	FC/MC62D	55.0	3.46	4.66	35.8	1.08	2.63	7.75
	TMLX100C16MP11	FC64D	56.0	3.50	4.69	35.8	0.94	2.59	7.75
	TMLX100C20MP11	FC/MC62D	55.0	3.52	4.58	35.8	1.08	2.60	7.75
	TMLX120C20MP11	FC/MC62D	55.0	3.52	4.58	35.8	1.08	2.60	7.75
	Y*(8,L)C*C20	FC/MC62D	56.5	3.52	4.70	35.0	2.56	4.01	7.75
	Y*(8,L)C*C20	FC/MC62D	56.5	3.52	4.70	35.0	2.56	4.01	7.75
	Y*(8,L)C*C20	FC64D	58.0	3.68	4.62	30.8	2.38	3.79	7.75
	Y*9C*C20	FC/MC62D	56.5	3.56	4.65	35.0	2.60	3.94	7.75
	Y*9C*C20	FC64D	57.5	3.58	4.71	30.4	2.32	3.84	7.75
	Y*9C*D20	FC/MC62D	56.5	3.56	4.65	35.0	2.60	3.94	7.75
	Y*9C*D20	FC64D	57.0	3.58	4.67	30.4	2.32	3.84	7.75

1. Rated CFM same as for cooling.
2. eating MBH based on ARI standards of 70 °F DB (Dry Bulb) entering indoor air, 72% RH (Relative Humidity) outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.
3. High Efficiency Motor Furnaces have B.O.D (Blower on Delay) standard.

COP equals MBH output divided by (total KW input x 3.412).

HSPF (Heating Seasonal Performance Factor) is the total heating output during a normal annual usage period for heating divided by the total electric power input during the same period.

— = Not Applicable.

PSC furnaces, such as the TG8S, TGLS, and TG9S, use Coil Only Ratings.

ACCESSORIES

Refer to Price Manual for specific model numbers.

Application Limits		
Maximum Lineset Equivalent Length		75 Ft
Outdoor Ambient Temperature Limits		
Cooling Operation	Maximum DB	115°F
	Minimum DB	50°F
Heating Operation	Maximum DB	75°F
	Minimum DB	-10°F

Long Lineset Applications - For installations with more than 75' of equivalent lineset length, refer to the current version of the **Piping Application Guide 247077-UAD-H-0209**, available in the Application Bulletins section on UPGnet.

TXV Kits - S1-1TVM series thermal expansion valves precisely meter refrigerant for optimum performance over a wide range of conditions. See System Charge table for TXV part number for each model.

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

Low Temperature Cutout (S1-2LT06700224) - Prevents heat pump operation below -10°F ambient temperature.

Compressor Blanket - Designed to further reduce the normal operating sound.

Outdoor Thermostat (S1-2TD06700124) - Provides additional staging of supplemental electric heat.

Low Ambient Pressure Switch Kit (S1-2LA06700424) - Allows the use of air conditioning at low outdoor ambient temperatures down to +20°F (-7°C). For use with single-stage models containing R-410A refrigerant only.

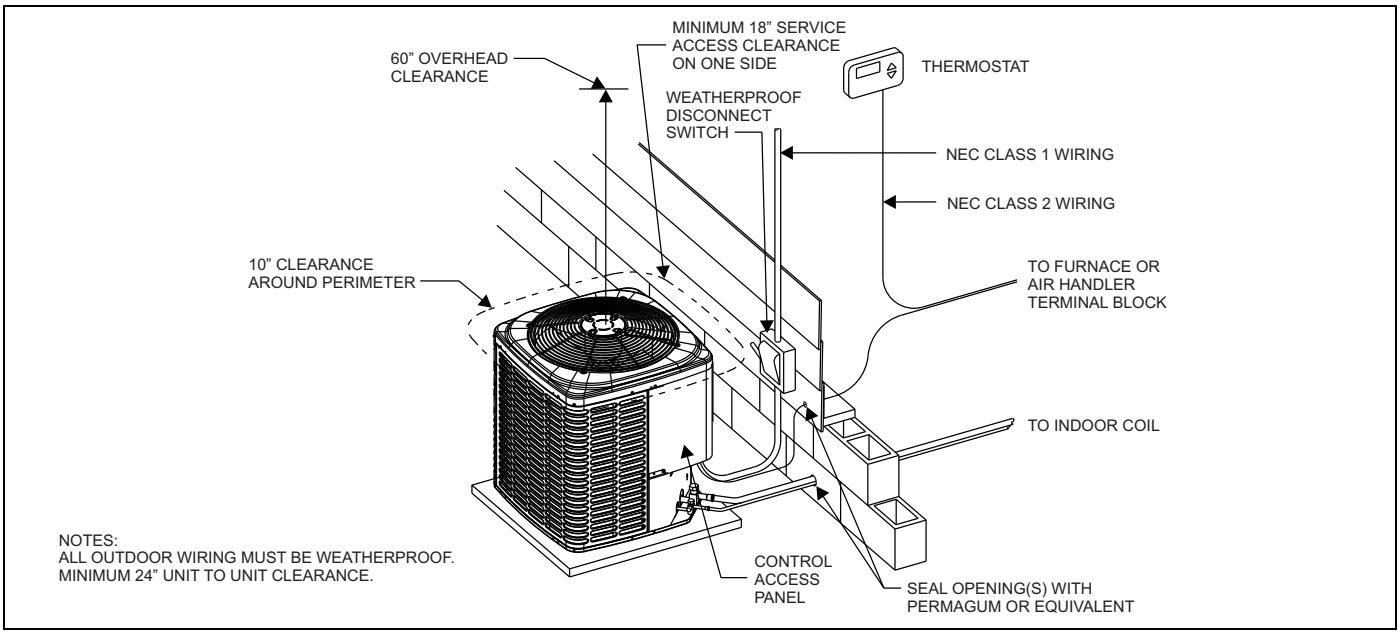
Thermostats - Compatible thermostat controls are available through accessory sourcing. For optimum performance and installation, refer to the UPGNET “Low Voltage Wiring Diagram” document to select and apply controls.

SOUND LEVEL - TYPICAL OCTAVE BAND SPECTRUM (without tone adjustment)

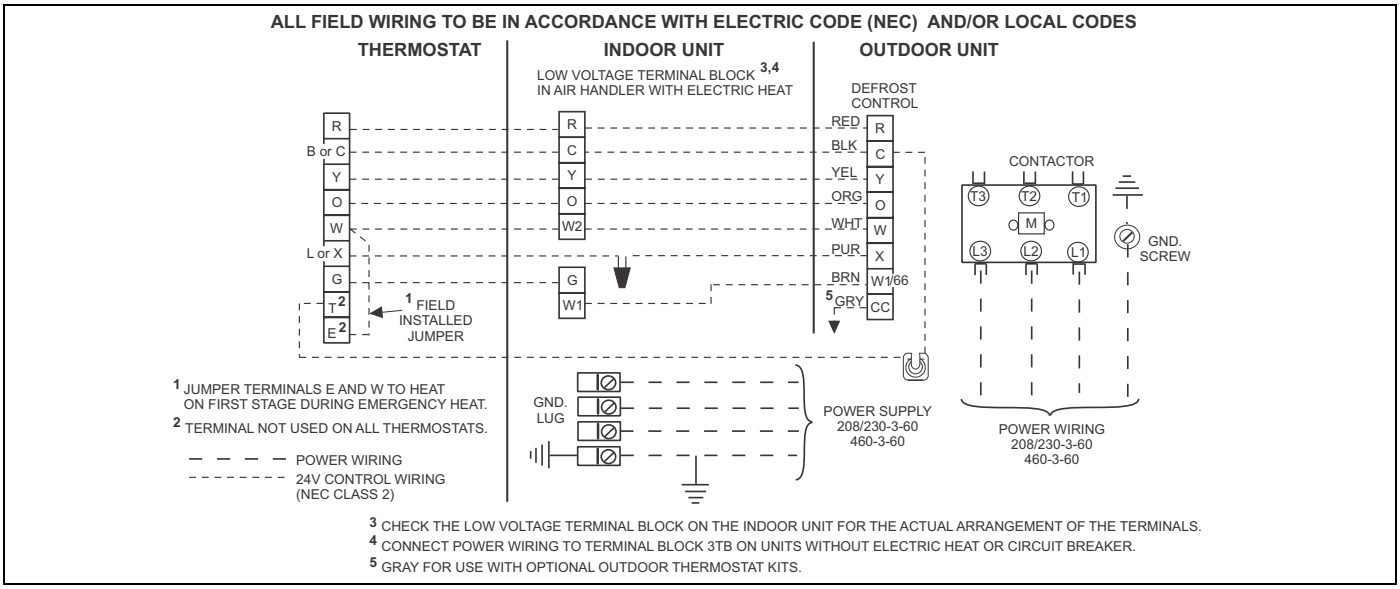
Size	Test Condition	63	125	250	500	1000	2000	4000	8000	dBA	SQI
30	Cooling Mode	73	70	69	71	72	66	69	63	76	19.2
30	Heating Mode	71	73	69	71	73	68	65	62	76	19.1
36	Cooling Mode	72	73	71	72	73	67	66	63	76	19.0
36	Heating Mode	70	72	69	70	71	69	65	64	75	19.2
42	Cooling Mode	71	71	73	73	72	67	67	64	77	19.1
42	Heating Mode	71	71	71	72	72	69	69	65	77	19.1
48	Cooling Mode	73	73	72	71	73	70	68	64	77	19.1
48	Heating Mode	72	74	72	71	73	72	67	63	78	19.1
60	Cooling Mode	69	69	69	70	70	65	64	63	74	19.2
60	Heating Mode	68	69	68	69	71	65	63	62	74	19.0

Rated in accordance with ARI Standard 270.

TYPICAL INSTALLATION



TYPICAL FIELD WIRING



COOLING PERFORMANCE DATA																
CONDENSING UNIT MODEL NO.		YHJD30S4(3,4)S4														
INDOOR COIL MODEL NO.		AHP30														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	IDCFM	800					1000					1200				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	29.1	31.3	31.4	34.3	36.1	31.0	32.7	32.8	35.2	36.6	33.0	34.1	34.1	36.1	37.2
	S.C.	28.0	24.7	21.2	21.0	17.8	29.9	27.9	23.3	22.4	18.2	31.8	31.1	25.4	23.8	18.6
	KW	2.00	2.00	2.00	2.10	2.00	2.10	2.10	2.10	2.10	2.10	2.20	2.20	2.20	2.20	2.20
75	T.C.	27.4	29.1	29.2	32.3	34.3	29.3	30.4	30.4	33.2	34.9	31.3	31.6	31.6	34.0	35.5
	S.C.	26.4	23.7	20.2	20.1	16.8	28.3	26.5	22.3	21.7	17.4	30.2	29.3	24.4	23.3	18.0
	KW	2.10	2.20	2.20	2.20	2.20	2.20	2.30	2.30	2.30	2.30	2.30	2.40	2.30	2.30	2.30
85	T.C.	25.7	26.9	27.0	30.3	32.5	27.6	28.0	28.0	31.1	33.2	29.6	29.1	29.1	31.9	33.9
	S.C.	24.8	22.7	19.2	19.3	15.8	26.6	25.1	21.3	21.0	16.6	28.5	27.5	23.3	22.7	17.3
	KW	2.20	2.30	2.30	2.30	2.40	2.40	2.40	2.40	2.40	2.50	2.50	2.50	2.50	2.50	2.50
95	T.C.	24.0	24.7	24.7	28.2	30.8	25.9	25.7	25.7	29.1	31.5	27.8	26.7	26.6	29.9	32.2
	S.C.	23.1	21.8	18.2	18.4	14.8	25.0	23.7	20.2	20.3	15.8	26.8	25.7	22.3	22.1	16.7
	KW	2.40	2.40	2.40	2.50	2.50	2.50	2.50	2.50	2.60	2.60	2.60	2.60	2.60	2.70	2.70
105	T.C.	21.8	22.2	21.8	25.3	28.3	23.6	23.5	22.6	26.1	29.0	25.4	24.8	23.4	26.9	29.7
	S.C.	21.0	20.4	17.0	17.3	13.8	22.8	22.2	18.9	19.2	14.8	24.5	24.0	20.9	21.1	15.8
	KW	2.50	2.50	2.50	2.60	2.70	2.70	2.70	2.60	2.70	2.80	2.80	2.80	2.70	2.80	2.90
115	T.C.	19.7	19.6	19.0	22.3	25.8	21.4	21.3	19.6	23.2	26.5	23.0	23.0	20.2	24.0	27.1
	S.C.	19.0	18.9	15.8	16.1	12.7	20.6	20.6	17.6	18.0	13.8	22.2	22.2	19.5	20.0	14.9
	KW	2.70	2.70	2.70	2.70	2.80	2.80	2.80	2.80	2.90	2.90	2.90	2.90	2.90	3.00	3.10
125	T.C.	17.5	17.1	16.1	19.4	23.4	19.1	19.1	16.5	20.3	24.0	20.7	21.2	16.9	21.1	24.6
	S.C.	16.9	17.1	14.6	14.9	11.7	18.4	19.0	16.3	16.9	12.8	19.9	20.4	16.9	18.9	13.9
	KW	2.80	2.80	2.80	2.90	2.90	2.90	2.90	2.90	3.00	3.10	3.10	3.10	3.00	3.10	3.30
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).																

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC32	0.99	0.98	1.02
–	FC/MC/PC35	0.99	0.98	1.02
–	FC/MC/PC37	1.00	1.00	1.02
–	FC/MC/PC43	1.00	1.00	1.02
AHE30B	–	1.00	0.97	0.94
AHE36C	–	1.02	1.01	0.96
AHR30B	–	1.00	1.01	1.02
AHR36B	–	1.01	1.00	1.04
AHV30B	–	1.00	0.97	0.94
AHV36C	–	1.02	1.05	0.91
MV12B	FC/MC35B	1.00	0.99	0.94
MV12B	FC/MC43B	1.00	1.00	0.94
MV16C	FC/MC35C	1.00	1.04	0.94
MV16C	FC/MC43C	1.00	1.00	0.94
MX12BN21	FC/MC35B	1.03	1.10	0.94
MX12BN21	FC/MC43B	1.05	1.13	0.94
MX16CN21	FC/MC35C	1.03	1.09	0.94
MX16CN21	FC/MC43C	1.05	1.11	0.91

Continued on next page.

Furnaces	Coils	T.C.	S.C	KW
T*(8,L)V*A12	FC/MC/PC32A	1.00	0.99	1.02
T*(8,L)V*A12	FC/MC/PC37A	1.00	0.99	0.94
T*(8,L)V*B12	FC/MC/PC35B	1.00	0.99	0.94
T*(8,L)V*B12	FC/MC/PC43B	1.00	1.03	0.94
T*(8,L)V*C16	FC/MC/PC35C	1.00	0.99	0.94
T*(8,L)V*C16	FC/MC/PC43C	1.00	1.00	0.94
T*(8,L)V*C20	FC/MC/PC35C	1.00	1.04	0.94
T*(8,L)V*C20	FC/MC/PC43C	1.00	1.00	0.94
T*9(C,V)*B12	FC/MC/PC35B	1.00	0.99	0.98
T*9(C,V)*B12	FC/MC/PC43B	1.00	1.00	0.94
T*9(C,V)*C16	FC/MC/PC35C	1.00	0.99	0.94
T*9(C,V)*C16	FC/MC/PC43C	1.00	1.00	0.94
T*9(C,V)*C20	FC/MC/PC35C	1.00	0.99	0.94
T*9(C,V)*C20	FC/MC/PC43C	1.00	1.00	0.94
TM8X080B12MP11	FC/MC/PC35B	1.02	1.08	0.95
TM8X080B12MP11	FC/MC/PC43B	1.05	1.12	0.95
TM8X080C16MP11	FC/MC/PC35C	1.04	1.11	0.92
TM8X080C16MP11	FC/MC/PC43C	1.04	1.11	0.93
TM8X100C16MP11	FC/MC/PC35C	1.04	1.11	0.92
TM8X100C16MP11	FC/MC/PC43C	1.04	1.11	0.93
TM8X100C20MP11	FC/MC/PC35C	1.03	1.09	0.93
TM8X100C20MP11	FC/MC/PC43C	1.05	1.12	0.93
TM8X120C20MP11	FC/MC/PC35C	1.03	1.09	0.93
TM8X120C20MP11	FC/MC/PC43C	1.05	1.12	0.93
TM9E060B12MP11	FC/MC/PC35B	1.02	1.07	0.96
TM9E060B12MP11	FC/MC/PC43B	1.03	1.10	0.95
TM9E080B12MP11	FC/MC/PC35B	1.02	1.07	0.96
TM9E080B12MP11	FC/MC/PC43B	1.03	1.10	0.95
TM9E080C16MP11	FC/MC/PC35C	1.03	1.09	0.93
TM9E080C16MP11	FC/MC/PC43C	1.05	1.12	0.93
TM9E100C16MP11	FC/MC/PC35C	1.03	1.09	0.93
TM9E100C16MP11	FC/MC/PC43C	1.05	1.12	0.93
TM9E100C20MP11	FC/MC/PC35C	1.02	1.08	0.97
TM9E100C20MP11	FC/MC/PC43C	1.03	1.10	0.97

Furnaces	Coils	T.C.	S.C	KW
TM9X060B12MP11	FC/MC/PC35B	1.02	1.07	0.96
TM9X060B12MP11	FC/MC/PC43B	1.03	1.10	0.95
TM9X080B12MP11	FC/MC/PC35B	1.02	1.07	0.96
TM9X080B12MP11	FC/MC/PC43B	1.03	1.10	0.95
TM9X080C16MP11	FC/MC/PC35C	1.03	1.09	0.93
TM9X080C16MP11	FC/MC/PC43C	1.05	1.12	0.93
TM9X100C16MP11	FC/MC/PC35C	1.03	1.09	0.93
TM9X100C16MP11	FC/MC/PC43C	1.05	1.12	0.93
TM9X100C20MP11	FC/MC/PC35C	1.02	1.08	0.97
TM9X100C20MP11	FC/MC/PC43C	1.03	1.10	0.97
TMLX080B12MP11	FC/MC/PC35B	1.02	1.08	0.95
TMLX080B12MP11	FC/MC/PC43B	1.05	1.12	0.95
TMLX080C16MP11	FC/MC/PC35C	1.04	1.11	0.92
TMLX080C16MP11	FC/MC/PC43C	1.04	1.11	0.93
TMLX100C16MP11	FC/MC/PC35C	1.04	1.11	0.92
TMLX100C16MP11	FC/MC/PC43C	1.04	1.11	0.93
TMLX100C20MP11	FC/MC/PC35C	1.03	1.09	0.93
TMLX100C20MP11	FC/MC/PC43C	1.05	1.12	0.93
TMLX120C20MP11	FC/MC/PC35C	1.03	1.09	0.93
TMLX120C20MP11	FC/MC/PC43C	1.05	1.12	0.93
Y*(8,L)C*A12	FC/MC/PC32A	1.00	0.99	1.02
Y*(8,L)C*A12	FC/MC/PC37A	1.00	0.99	0.94
Y*(8,L)C*B12	FC/MC/PC35B	1.00	0.99	0.94
Y*(8,L)C*B12	FC/MC/PC43B	1.00	1.03	0.94
Y*(8,L)C*C16	FC/MC/PC35C	1.00	0.99	0.94
Y*(8,L)C*C16	FC/MC/PC43C	1.00	1.00	0.94
Y*(8,L)C*C20	FC/MC/PC35C	1.00	1.04	0.94
Y*(8,L)C*C20	FC/MC/PC43C	1.00	1.00	0.94
Y*9C*B12	FC/MC/PC35B	1.00	0.99	0.98
Y*9C*B12	FC/MC/PC43B	1.00	1.00	0.94
Y*9C*C16	FC/MC/PC35C	1.00	0.99	0.94
Y*9C*C16	FC/MC/PC43C	1.00	1.00	0.94
Y*9C*C20	FC/MC/PC35C	1.00	0.99	0.94
Y*9C*C20	FC/MC/PC43C	1.00	1.00	0.94

COOLING PERFORMANCE DATA																
CONDENSING UNIT MODEL NO.		**YHJD36S4(3,4)S4**														
INDOOR COIL MODEL NO.		**AHP36**														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	**IDCFM**	**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**	**72**	**57**	**62**	**62**	**67**	**72**
65	**T.C.**	35.0	39.8	39.9	42.7	45.2	37.7	40.6	41.0	43.5	45.7	40.5	41.5	42.0	44.4	46.1
	S.C.	34.9	32.4	27.9	27.1	22.7	37.7	35.4	29.9	28.6	23.2	40.4	38.5	31.8	30.2	23.8
	KW	2.40	2.40	2.40	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.60	2.60	2.60	2.60	2.60
75	**T.C.**	33.3	36.8	36.9	39.9	42.9	35.7	37.6	37.9	40.8	43.4	38.1	38.5	38.9	41.8	43.9
	S.C.	33.2	31.1	26.5	25.9	21.5	35.7	33.7	28.5	27.6	22.2	38.1	36.4	30.5	29.4	22.9
	KW	2.60	2.60	2.60	2.70	2.70	2.70	2.70	2.70	2.70	2.80	2.80	2.80	2.80	2.80	2.80
85	**T.C.**	31.6	33.8	33.9	37.1	40.6	33.7	34.6	34.8	38.2	41.2	35.8	35.5	35.7	39.2	41.8
	S.C.	31.5	29.7	25.1	24.8	20.2	33.6	32.1	27.2	26.7	21.1	35.7	34.4	29.2	28.5	22.0
	KW	2.80	2.80	2.80	2.90	2.90	2.90	2.90	2.90	2.90	3.00	3.00	3.00	3.00	3.00	3.10
95	**T.C.**	29.9	30.8	30.8	34.3	38.4	31.7	31.6	31.7	35.5	39.0	33.5	32.5	32.6	36.6	39.6
	S.C.	29.8	28.4	23.7	23.6	19.0	31.6	30.4	25.8	25.7	20.1	33.4	32.4	27.9	27.7	21.1
	KW	2.90	2.90	3.00	3.10	3.10	3.00	3.10	3.10	3.10	3.20	3.20	3.20	3.20	3.20	3.30
105	**T.C.**	26.3	26.7	27.4	31.4	35.3	28.6	28.5	28.1	32.4	35.9	30.9	30.4	28.8	33.3	36.5
	S.C.	26.3	25.5	22.3	22.4	17.8	28.6	27.9	24.3	24.5	18.9	30.9	30.4	26.3	26.5	20.0
	KW	3.10	3.10	3.10	3.20	3.30	3.20	3.20	3.20	3.30	3.40	3.30	3.30	3.30	3.40	3.50
115	**T.C.**	22.8	22.6	24.1	28.5	32.2	25.6	25.5	24.5	29.2	32.8	28.4	28.4	25.0	30.0	33.5
	S.C.	22.8	22.5	20.8	21.3	16.6	25.5	25.4	22.8	23.3	17.8	28.3	28.3	24.8	25.3	18.9
	KW	3.20	3.20	3.20	3.40	3.50	3.40	3.40	3.30	3.50	3.60	3.50	3.50	3.40	3.60	3.60
125	**T.C.**	19.3	18.4	20.7	25.6	29.1	22.5	22.4	20.9	26.1	29.8	25.8	26.4	21.2	26.7	30.4
	S.C.	19.2	18.4	19.3	20.1	15.4	22.5	22.4	20.9	22.1	16.6	25.8	26.3	21.2	24.0	17.8
	KW	3.40	3.40	3.30	3.50	3.70	3.60	3.50	3.50	3.60	3.70	3.70	3.70	3.60	3.80	3.80
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).																

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC37	1.00	1.01	1.04
–	FC/MC/PC43	1.00	1.00	1.04
–	FC/MC/PC48	1.00	1.00	1.04
–	UC48	1.00	1.01	1.04
AHE36C	–	0.98	0.99	0.94
AHE42D	–	0.98	0.99	0.94
AHR36B	–	0.98	1.00	1.02
AHR42C	–	0.98	0.99	1.02
AHV36C	–	1.04	1.04	0.97
AHV42D	–	1.05	1.05	0.95
MV12B	FC/MC43B	1.00	1.02	0.95
MV12D	FC/MC48D	1.00	1.00	0.95
MV16C	FC/MC43C	1.00	1.01	0.95
MV16C	FC/MC48C	1.00	1.00	0.95
MX12BN21	FC/MC43B	1.03	1.03	0.95
MX12DN21	FC/MC48D	1.03	1.03	0.95
MX16CN21	FC/MC43C	1.04	1.03	0.96
MX16CN21	FC/MC48C	1.04	1.03	0.96
MX20DN21	FC/MC48D	1.04	1.03	0.96

Continued on next page.

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)V*A12	FC/MC/PC37A	1.00	0.99	1.00
T*(8,L)V*B12	FC/MC/PC43B	1.00	1.02	1.00
T*(8,L)V*C16	FC/MC/PC43C	1.00	1.01	0.95
T*(8,L)V*C16	FC/MC/PC48C	1.00	1.00	0.95
T*(8,L)V*C16	UC48C	1.00	1.01	0.95
T*(8,L)V*C20	FC/MC/PC43C	1.00	1.01	0.95
T*(8,L)V*C20	FC/MC/PC48C	1.00	1.00	0.95
T*(8,L)V*C20	UC48C	1.00	1.01	0.95
T*9(C,V)*B12	FC/MC/PC43B	1.00	1.01	1.00
T*9(C,V)*C16	FC/MC/PC43C	1.00	1.02	0.95
T*9(C,V)*C16	FC/MC/PC48C	1.00	1.00	0.95
T*9(C,V)*C16	UC48C	1.00	1.01	0.95
T*9(C,V)*C20	FC/MC/PC43C	1.00	1.01	0.95
T*9(C,V)*C20	FC/MC/PC48C	1.00	1.04	0.95
T*9(C,V)*C20	UC48C	1.00	1.05	0.95
T*9(C,V)*D20	FC/MC/PC48D	1.00	1.00	0.95
T*9(C,V)*D20	UC48D	1.00	1.01	0.95
TM8X080B12MP11	FC/MC/PC43B	1.04	1.02	0.97
TM8X080C16MP11	FC/MC/PC43C	1.05	1.04	0.94
TM8X080C16MP11	FC/MC/PC48C	1.05	1.06	0.94
TM8X100C16MP11	FC/MC/PC43C	1.05	1.04	0.94
TM8X100C16MP11	FC/MC/PC48C	1.05	1.06	0.94
TM8X100C20MP11	FC/MC/PC43C	1.06	1.06	0.95
TM8X100C20MP11	FC/MC/PC48C	1.06	1.07	0.95
TM8X120C20MP11	FC/MC/PC43C	1.06	1.06	0.95
TM8X120C20MP11	FC/MC/PC48C	1.06	1.07	0.95
TM9E060B12MP11	FC/MC/PC43B	1.05	1.04	0.98
TM9E080B12MP11	FC/MC/PC43B	1.05	1.04	0.98
TM9E080C16MP11	FC/MC/PC43C	1.04	1.03	0.95
TM9E080C16MP11	FC/MC/PC48C	1.05	1.06	0.96
TM9E080C16MP11	UC48C	1.02	0.99	0.95
TM9E100C16MP11	FC/MC/PC43C	1.04	1.03	0.95
TM9E100C16MP11	FC/MC/PC48C	1.05	1.06	0.96
TM9E100C16MP11	UC48C	1.02	0.99	0.95
TM9E100C20MP11	FC/MC/PC43C	1.05	1.04	0.95
TM9E100C20MP11	FC/MC/PC48C	1.05	1.06	0.95
TM9E100C20MP11	UC48C	1.02	0.99	0.95
TM9E120D20MP11	FC/MC/PC48D	1.05	1.05	0.94
TM9E120D20MP11	UC48D	1.01	0.98	0.94
TM9X060B12MP11	FC/MC/PC43B	1.05	1.04	0.98
TM9X080B12MP11	FC/MC/PC43B	1.05	1.04	0.98

Furnaces	Coils	T.C.	S.C.	KW
TM9X080C16MP11	FC/MC/PC43C	1.04	1.03	0.95
TM9X080C16MP11	FC/MC/PC48C	1.05	1.06	0.96
TM9X080C16MP11	UC48C	1.02	0.99	0.95
TM9X100C16MP11	FC/MC/PC43C	1.04	1.03	0.95
TM9X100C16MP11	FC/MC/PC48C	1.05	1.06	0.96
TM9X100C16MP11	UC48C	1.02	0.99	0.95
TM9X100C20MP11	FC/MC/PC43C	1.05	1.04	0.95
TM9X100C20MP11	FC/MC/PC48C	1.05	1.06	0.95
TM9X100C20MP11	UC48C	1.02	0.99	0.95
TM9X120D20MP11	FC/MC/PC48D	1.05	1.05	0.94
TM9X120D20MP11	UC48D	1.01	0.98	0.94
TMLX080B12MP11	FC/MC/PC43B	1.04	1.02	0.97
TMLX080C16MP11	FC/MC/PC43C	1.05	1.04	0.94
TMLX080C16MP11	FC/MC/PC48C	1.05	1.06	0.94
TMLX080C16MP11	UC48C	1.02	0.99	0.94
TMLX100C16MP11	FC/MC/PC43C	1.05	1.04	0.94
TMLX100C16MP11	FC/MC/PC48C	1.05	1.06	0.94
TMLX100C16MP11	UC48C	1.02	0.99	0.94
TMLX100C20MP11	FC/MC/PC43C	1.06	1.06	0.95
TMLX100C20MP11	FC/MC/PC48C	1.06	1.07	0.95
TMLX100C20MP11	UC48C	1.01	0.97	0.95
TMLX120C20MP11	FC/MC/PC43C	1.06	1.06	0.95
TMLX120C20MP11	FC/MC/PC48C	1.06	1.07	0.95
TMLX120C20MP11	UC48C	1.01	0.97	0.95
Y*(8,L)C*A12	FC/MC/PC37A	1.00	0.99	1.00
Y*(8,L)C*B12	FC/MC/PC43B	1.00	1.02	1.00
Y*(8,L)C*C16	FC/MC/PC43C	1.00	1.01	0.95
Y*(8,L)C*C16	FC/MC/PC48C	1.00	1.00	0.95
Y*(8,L)C*C16	UC48C	1.00	1.01	0.95
Y*(8,L)C*C20	FC/MC/PC43C	1.00	1.01	0.95
Y*(8,L)C*C20	FC/MC/PC48C	1.00	1.00	0.95
Y*(8,L)C*C20	UC48C	1.00	1.01	0.95
Y*9C*B12	FC/MC/PC43B	1.00	1.01	1.00
Y*9C*C16	FC/MC/PC43C	1.00	1.02	0.95
Y*9C*C16	FC/MC/PC48C	1.00	1.00	0.95
Y*9C*C16	UC48C	1.00	1.01	0.95
Y*9C*C20	FC/MC/PC43C	1.00	1.01	0.95
Y*9C*C20	FC/MC/PC48C	1.00	1.04	0.95
Y*9C*C20	UC48C	1.00	1.05	0.95
Y*9C*D20	FC/MC/PC48D	1.00	1.00	0.95
Y*9C*D20	UC48D	1.00	1.01	0.95

COOLING PERFORMANCE DATA																
CONDENSING UNIT MODEL NO.		YHJD42S4(3,4)S4														
INDOOR COIL MODEL NO.		AHP48														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	IDCFM	1200					1400					1600				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	42.5	44.2	45.0	49.4	52.7	44.4	45.8	46.4	50.5	53.5	46.4	47.4	47.7	51.5	54.4
	S.C.	42.5	38.4	32.9	32.8	26.7	44.4	42.2	35.3	34.7	27.6	46.4	46.0	37.6	36.7	28.6
	KW	2.70	2.80	2.80	2.80	2.90	2.80	2.80	2.90	2.90	2.90	2.90	2.90	2.90	3.00	3.00
75	T.C.	39.9	40.7	41.7	46.3	49.8	41.8	42.3	42.9	47.2	50.6	43.7	43.9	44.1	48.1	51.3
	S.C.	39.9	36.8	31.4	31.4	25.4	41.8	40.0	33.7	33.3	26.4	43.7	43.2	36.0	35.3	27.4
	KW	2.90	2.90	2.90	3.00	3.10	3.00	3.00	3.00	3.10	3.10	3.10	3.10	3.10	3.20	3.20
85	T.C.	37.4	37.3	38.4	43.2	47.0	39.2	38.8	39.5	44.0	47.6	41.0	40.4	40.6	44.8	48.3
	S.C.	37.4	35.1	29.8	29.9	24.1	39.2	37.8	32.1	32.0	25.1	41.0	40.4	34.4	34.0	26.1
	KW	3.10	3.10	3.10	3.20	3.30	3.20	3.20	3.20	3.30	3.30	3.30	3.30	3.30	3.40	3.40
95	T.C.	34.8	33.9	35.0	40.1	44.1	36.6	35.4	36.0	40.7	44.7	38.3	36.8	37.0	41.4	45.3
	S.C.	34.8	33.4	28.3	28.5	22.8	36.6	35.4	30.6	30.6	23.8	38.3	36.8	32.8	32.6	24.8
	KW	3.30	3.30	3.30	3.40	3.50	3.40	3.40	3.40	3.50	3.50	3.50	3.50	3.50	3.60	3.60
105	T.C.	31.6	31.2	30.9	36.1	40.5	33.4	32.8	31.7	37.1	41.2	35.3	34.5	32.6	38.0	42.0
	S.C.	31.6	31.2	26.5	26.9	21.3	33.4	32.8	28.6	29.1	22.4	35.3	34.5	30.8	31.3	23.6
	KW	3.50	3.50	3.50	3.60	3.70	3.60	3.60	3.60	3.70	3.80	3.80	3.70	3.70	3.80	3.90
115	T.C.	28.3	28.5	26.7	32.1	36.9	30.3	30.3	27.4	33.4	37.8	32.2	32.1	28.1	34.7	38.6
	S.C.	28.3	28.5	24.6	25.3	19.7	30.3	30.3	26.7	27.6	21.0	32.2	32.1	28.1	29.9	22.4
	KW	3.70	3.70	3.60	3.80	3.90	3.80	3.80	3.70	3.90	4.00	4.00	4.00	3.80	4.00	4.10
125	T.C.	25.1	25.8	22.6	28.1	33.3	27.1	27.8	23.1	29.7	34.3	29.1	29.7	23.7	31.3	35.3
	S.C.	25.1	25.8	22.6	23.6	18.1	27.1	27.8	23.1	26.1	19.6	29.1	29.7	23.7	28.6	21.2
	KW	3.90	3.90	3.80	4.00	4.20	4.00	4.00	3.90	4.10	4.30	4.20	4.20	4.00	4.20	4.40
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).																

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC/PC60	1.00	1.03	1.05
–	UC60	0.99	1.00	1.04
AHE48D	–	1.01	1.03	1.02
AHR48D	–	0.98	0.96	1.02
AHV48D	–	0.97	0.97	0.96
MV16C	FC/MC48C	1.02	1.02	0.95
MV16C	FC/MC60C	1.01	1.05	0.97
MV20D	FC/MC48D	1.03	1.04	0.93
MV20D	FC/MC60D	1.02	1.05	0.99
MX16CN21	FC60C	0.98	0.93	0.98
MX20DN21	FC/MC60D	1.00	0.95	0.95

Continued on next page.

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)V*C16	FC/MC/PC48C	1.02	1.03	0.96
T*(8,L)V*C16	FC/PC60C	0.99	0.97	0.98
T*(8,L)V*C16	UC60C	1.00	1.01	1.00
T*(8,L)V*C20	FC/MC/PC48C	1.02	1.02	0.95
T*(8,L)V*C20	FC/PC60C	0.99	0.98	0.98
T*(8,L)V*C20	UC60C	1.00	1.01	0.96
T*9(C,V)*C16	FC/MC/PC48C	1.01	1.01	0.97
T*9(C,V)*C16	FC/PC60C	1.00	1.03	1.00
T*9(C,V)*C16	UC60C	0.99	1.00	0.99
T*9(C,V)*C20	FC/MC/PC48C	1.01	1.02	0.97
T*9(C,V)*C20	FC/PC60C	1.01	1.03	1.02
T*9(C,V)*C20	UC60C	1.00	1.01	1.00
T*9(C,V)*D20	FC/MC/PC48D	1.02	1.03	0.96
T*9(C,V)*D20	FC/MC/PC60D	1.01	1.04	1.02
T*9(C,V)*D20	UC60D	1.00	1.01	1.00
TM8X080C16MP11	FC/PC60C	0.99	1.01	0.99
TM8X080C16MP11	UC60C	0.97	0.99	0.99
TM8X100C16MP11	FC/PC60C	0.99	1.01	0.99
TM8X100C16MP11	UC60C	0.97	0.99	0.99
TM8X100C20MP11	FC/PC60C	0.98	1.00	0.98
TM8X100C20MP11	UC60C	0.97	0.98	0.98
TM8X120C20MP11	FC/PC60C	0.98	1.00	0.98
TM8X120C20MP11	UC60C	0.97	0.98	0.98
TM9E120D20MP11	FC/MC/PC60D	0.99	0.99	1.00
TM9E120D20MP11	UC60D	0.98	0.99	0.99

Furnaces	Coils	T.C.	S.C.	KW
TM9X120D20MP11	FC/MC/PC60D	0.99	0.99	1.00
TM9X120D20MP11	UC60D	0.98	0.99	0.99
TMLX080C16MP11	FC/PC60C	0.99	1.01	0.99
TMLX080C16MP11	UC60C	0.97	0.99	0.99
TMLX100C16MP11	FC/PC60C	0.99	1.01	0.99
TMLX100C16MP11	UC60C	0.97	0.99	0.99
TMLX100C20MP11	FC/PC60C	0.98	1.00	0.98
TMLX100C20MP11	UC60C	0.97	0.98	0.98
TMLX120C20MP11	FC/PC60C	0.98	1.00	0.98
TMLX120C20MP11	UC60C	0.97	0.98	0.98
Y*(8,L)C*C16	FC/MC/PC48C	1.02	1.03	0.96
Y*(8,L)C*C16	FC/PC60C	0.99	0.97	0.98
Y*(8,L)C*C16	UC60C	1.00	1.01	1.00
Y*(8,L)C*C20	FC/MC/PC48C	1.02	1.02	0.95
Y*(8,L)C*C20	FC/PC60C	0.99	0.98	0.98
Y*(8,L)C*C20	UC60C	1.00	1.01	0.96
Y*9C*C16	FC/MC/PC48C	1.01	1.01	0.97
Y*9C*C16	FC/PC60C	1.00	1.03	1.00
Y*9C*C16	UC60C	0.99	1.00	0.99
Y*9C*C20	FC/MC/PC48C	1.01	1.02	0.97
Y*9C*C20	FC/PC60C	1.01	1.03	1.02
Y*9C*C20	UC60C	1.00	1.01	1.00
Y*9C*D20	FC/MC/PC48D	1.02	1.03	0.96
Y*9C*D20	FC/MC/PC60D	1.01	1.04	1.02
Y*9C*D20	UC60D	1.00	1.01	1.00

COOLING PERFORMANCE DATA																
CONDENSING UNIT MODEL NO.		YHJD48S4(3,4)S3														
INDOOR COIL MODEL NO.		AHP60														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	IDCFM	1400					1600					1800				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	46.3	49.0	49.0	53.3	57.3	48.3	49.9	49.7	54.0	58.4	50.2	50.8	50.4	54.8	59.4
	S.C.	46.3	43.0	36.2	35.8	29.6	48.3	45.5	37.9	37.6	30.7	50.2	48.0	39.6	39.4	31.8
	KW	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
75	T.C.	44.6	46.6	46.6	50.7	54.8	46.3	47.5	47.3	51.6	55.7	47.9	48.4	48.0	52.4	56.7
	S.C.	44.6	41.9	35.2	34.8	28.3	46.3	44.4	37.0	36.6	29.4	47.9	46.9	38.8	38.4	30.5
	KW	2.90	2.80	2.80	2.90	2.90	2.90	2.80	2.80	2.90	2.90	2.80	2.80	2.80	2.90	2.90
85	T.C.	42.9	44.1	44.2	48.2	52.2	44.3	45.0	44.9	49.1	53.1	45.7	45.9	45.7	50.0	54.0
	S.C.	42.9	40.9	34.3	33.8	27.1	44.3	43.3	36.1	35.7	28.1	45.7	45.7	38.0	37.5	29.1
	KW	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.20
95	T.C.	41.1	41.7	41.7	45.7	49.7	42.3	42.6	42.5	46.6	50.5	43.4	43.5	43.3	47.5	51.3
	S.C.	41.1	39.8	33.3	32.8	25.8	42.3	42.2	35.2	34.7	26.8	43.4	43.5	37.2	36.6	27.8
	KW	3.50	3.50	3.50	3.60	3.60	3.50	3.50	3.50	3.60	3.60	3.50	3.50	3.50	3.60	3.60
105	T.C.	38.8	38.7	38.7	42.4	46.4	39.8	39.8	39.4	43.2	47.0	40.9	40.8	40.0	43.9	47.6
	S.C.	38.8	37.7	32.0	31.6	24.6	39.8	39.7	33.9	33.5	25.6	40.9	40.8	35.9	35.3	26.6
	KW	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
115	T.C.	36.4	35.9	35.9	39.3	43.3	37.5	37.0	36.3	39.8	43.7	38.5	38.1	36.8	40.4	44.1
	S.C.	36.4	35.7	30.7	30.4	23.4	37.5	37.0	32.7	32.2	24.3	38.5	38.1	34.6	34.1	25.3
	KW	4.40	4.40	4.40	4.40	4.50	4.40	4.40	4.40	4.40	4.50	4.40	4.40	4.40	4.40	4.50
125	T.C.	34.1	33.0	33.0	36.1	40.1	35.1	34.2	33.3	36.5	40.4	36.0	35.4	33.6	36.9	40.6
	S.C.	34.1	33.0	29.5	29.2	22.1	35.1	34.2	31.4	31.0	23.1	36.0	35.4	33.3	32.9	24.1
	KW	4.80	4.80	4.80	4.80	4.90	4.80	4.80	4.80	4.90	4.90	4.80	4.80	4.80	4.90	4.90
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).																

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handler	Coil	T.C.	S.C.	KW
AHE48D	–	1.00	0.98	1.06
AHV48D	–	1.00	0.99	1.00
AHV60D	–	1.00	1.02	0.99
MV20D	FC/MC60D	1.00	1.00	1.00
MV20D	FC/MC62D	1.00	1.00	1.00
MX16CN21	FC60C	1.00	0.92	0.98
MX20DN21	FC/MC60D	1.01	0.95	0.96
MX20DN21	FC/MC62D	1.00	0.95	0.95

Furnace	Coil	T.C.	S.C.	KW
T*(8,L)V*C20	FC/MC62D	1.00	1.00	1.03
T*9(C,V)*C20	FC/MC62D	1.00	1.00	1.03
T*9(C,V)*D20	FC/MC62D	1.00	1.00	1.03
TM8X100C20MP11	FC/MC62D	1.01	1.02	1.00
TM8X120C20MP11	FC/MC62D	1.01	1.02	1.00
TM9E100C20MP11	FC/MC62D	1.01	1.02	1.02
TM9E120D20MP11	FC/MC62D	1.01	1.02	1.01
TM9X100C20MP11	FC/MC62D	1.01	1.02	1.02
TM9X120D20MP11	FC/MC62D	1.01	1.02	1.01
TMLX100C20MP11	FC/MC62D	1.01	1.02	1.00
TMLX120C20MP11	FC/MC62D	1.01	1.02	1.00
Y*(8,L)C*C20	FC/MC62D	1.00	1.00	1.03
Y*9C*C20	FC/MC62D	1.00	1.00	1.03
Y*9C*D20	FC/MC62D	1.00	1.00	1.03

COOLING PERFORMANCE DATA																
CONDENSING UNIT MODEL NO.		**YHJD60S4(3,4)S5**														
INDOOR COIL MODEL NO.		**AHR60D**														
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	**IDCFM**	**1640**					**1840**					**2040**				
	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.**	53.9	57.2	57.3	63.4	68.5	55.9	58.6	58.4	64.5	70.3	57.9	60.1	59.5	65.6	72.1
	S.C.	53.9	49.5	42.4	42.3	33.9	55.9	52.5	44.5	44.3	35.2	57.9	55.5	46.7	46.2	36.4
	KW	3.46	3.50	3.51	3.56	3.62	3.56	3.59	3.60	3.65	3.72	3.66	3.69	3.68	3.73	3.82
75	**T.C.**	51.9	54.5	54.6	60.2	65.3	53.7	55.7	55.6	61.2	66.8	55.6	56.9	56.6	62.2	68.3
	S.C.	51.9	48.3	41.1	40.9	32.6	53.7	51.2	43.2	42.8	33.7	55.6	54.1	45.3	44.8	34.9
	KW	3.87	3.91	3.91	3.97	4.04	3.97	4.00	4.00	4.06	4.14	4.07	4.09	4.09	4.15	4.23
85	**T.C.**	49.9	51.8	51.9	57.1	62.1	51.6	52.8	52.8	58.0	63.3	53.3	53.8	53.7	58.9	64.5
	S.C.	49.9	47.1	39.9	39.5	31.2	51.6	49.9	41.9	41.4	32.3	53.3	52.7	44.0	43.3	33.5
	KW	4.29	4.31	4.32	4.39	4.46	4.39	4.40	4.40	4.47	4.55	4.48	4.49	4.49	4.56	4.64
95	**T.C.**	47.9	49.1	49.3	54.0	58.9	49.4	49.9	50.1	54.8	59.8	50.9	50.6	50.8	55.5	60.7
	S.C.	47.9	45.9	42.5	39.1	29.9	49.4	48.6	40.6	40.0	30.9	50.9	50.6	42.6	42.5	32.0
	KW	4.71	4.72	4.72	4.80	4.88	4.80	4.81	4.81	4.88	4.96	4.90	4.89	4.89	4.98	5.05
105	**T.C.**	45.3	45.7	45.8	50.2	55.1	46.6	46.8	46.5	50.9	55.7	48.0	47.8	47.1	51.5	56.4
	S.C.	45.3	44.4	37.1	36.5	28.3	46.6	46.5	39.0	38.4	29.3	48.0	47.8	41.0	40.2	30.4
	KW	5.25	5.26	5.26	5.33	5.42	5.35	5.35	5.35	5.42	5.50	5.45	5.44	5.43	5.51	5.59
115	**T.C.**	42.6	42.4	42.4	46.5	51.3	43.8	43.7	42.9	47.0	51.7	45.1	45.0	43.4	47.5	52.1
	S.C.	42.6	42.4	35.5	34.9	26.7	43.8	43.7	37.4	36.7	27.7	45.1	45.0	39.4	38.6	28.7
	KW	5.80	5.80	5.80	5.87	5.96	5.90	5.90	5.88	5.96	6.04	6.00	6.00	5.96	6.04	6.13
125	**T.C.**	40.0	39.0	39.0	42.7	47.4	41.0	40.6	39.3	43.1	47.6	42.1	42.2	39.6	43.4	47.7
	S.C.	40.0	39.0	33.9	33.2	25.2	41.0	40.6	35.8	35.1	26.1	42.1	42.2	37.8	37.0	27.1
	KW	6.35	6.33	6.34	6.41	6.50	6.45	6.44	6.42	6.49	6.58	6.55	6.55	6.50	6.58	6.66
NOTE: ALL CAPACITIES INCLUDE INDOOR FAN HEAT. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).																

Multipliers for determining the performance with other indoor sections.

NOTE: For dry bulb temperatures different than those listed (between 73-87 °F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

Air Handlers	Coils	T.C.	S.C.	KW
–	FC/MC62	1.00	0.99	0.99
–	FC64	1.03	1.01	1.02
AHE60D	–	1.00	1.02	0.96
AHR60D	–	1.00	1.00	1.00
AHV60D	–	1.00	1.00	0.97
MV20D	FC/MC62D	1.00	1.01	0.97
MV20D	FC64D	1.06	1.03	1.00
MX20DN21	FC/MC62D	1.01	1.02	0.94
MX20DN21	FC64D	1.07	1.05	0.96

Furnaces	Coils	T.C.	S.C.	KW
T*(8,L)V*C20	FC/MC62D	0.99	0.93	0.97
T*(8,L)V*C20	FC64D	1.04	1.01	1.00
T*9V*C20	FC/MC62D	1.00	0.99	0.99
T*9V*C20	FC64D	1.04	0.99	0.99
T*9V*D20	FC/MC62D	0.99	0.94	0.96
T*9V*D20	FC64D	1.04	0.99	0.99
TM8X080C16MP11	FC/MC62D	1.00	0.98	0.98
TM8X080C16MP11	FC64D	1.05	1.02	1.00
TM8X100C16MP11	FC/MC62D	1.00	0.98	0.98
TM8X100C16MP11	FC64D	1.05	1.02	1.00
TM8X100C20MP11	FC/MC62D	1.00	0.98	0.96

Furnaces	Coils	T.C.	S.C.	KW
TM8X120C20MP11	FC/MC62D	1.00	0.98	0.96
TM9E100C20MP11	FC/MC62D	1.00	0.98	0.98
TM9E100C20MP11	FC64D	1.05	1.02	1.00
TM9E120D20MP11	FC/MC62D	1.00	0.98	0.97
TM9E120D20MP11	FC64D	1.05	1.02	1.00
TM9X100C20MP11	FC/MC62D	1.00	0.98	0.98
TM9X100C20MP11	FC64D	1.05	1.02	1.00
TM9X120D20MP11	FC/MC62D	1.00	0.98	0.97
TM9X120D20MP11	FC64D	1.05	1.02	1.00
TMLX080C16MP11	FC/MC62D	1.00	0.98	0.98
TMLX080C16MP11	FC64D	1.05	1.02	1.00
TMLX100C16MP11	FC/MC62D	1.00	0.98	0.98
TMLX100C16MP11	FC64D	1.05	1.02	1.00
TMLX100C20MP11	FC/MC62D	1.00	0.98	0.96
TMLX120C20MP11	FC/MC62D	1.00	0.98	0.96
Y*(8,L)C*C20	FC/MC62D	1.00	0.97	0.99
Y*(8,L)C*C20	FC/MC62D	1.00	0.97	0.99
Y*(8,L)C*C20	FC64D	1.07	1.07	1.02
Y*9C*C20	FC/MC62D	1.00	0.98	0.99
Y*9C*C20	FC64D	1.06	1.04	1.01
Y*9C*D20	FC/MC62D	1.00	0.98	0.98
Y*9C*D20	FC64D	1.06	1.02	1.00

HEATING PERFORMANCE DATA										
CONDENSING UNIT MODEL NO		YHJD30S4(3,4)S4								
EVAPORATOR COIL MODEL NO		AHP30								
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	AIR TEMP. ENTERING INDOOR COIL (°F)	ID CFM								
		800			1000			1200		
		MBH	COP	KW	MBH	COP	KW	MBH	COP	KW
60	60	30.7	2.20	3.6	29.7	2.10	3.6	28.7	2.00	3.5
	70	30.1	2.30	3.4	29.4	2.20	3.4	28.7	2.10	3.3
	80	29.5	2.40	3.2	29.1	2.30	3.2	28.7	2.30	3.1
47	60	27.6	2.00	3.5	27.0	1.90	3.4	26.4	1.90	3.4
	70	26.6	2.10	3.3	26.3	2.00	3.2	26.0	2.00	3.2
	80	25.6	2.20	3.1	25.6	2.10	3.0	25.6	2.10	3.0
40	60	25.5	1.90	3.4	25.3	1.90	3.3	25.0	1.80	3.3
	70	24.4	2.00	3.2	24.4	1.90	3.1	24.4	1.90	3.1
	80	23.3	2.00	2.9	23.5	2.00	2.9	23.8	2.00	2.9
30	60	22.2	1.80	3.2	22.3	1.70	3.1	22.4	1.70	3.1
	70	20.4	1.80	2.8	20.8	1.80	2.8	21.3	1.80	2.8
	80	18.6	1.90	2.5	19.3	1.90	2.5	20.1	1.80	2.6
17	60	16.5	1.60	2.6	17.0	1.60	2.6	17.6	1.60	2.6
	70	14.1	1.60	2.2	14.8	1.60	2.2	15.4	1.60	2.2
	80	11.6	1.60	1.8	12.5	1.60	1.8	13.3	1.60	1.9
10	60	13.0	1.50	2.1	13.2	1.50	2.1	13.3	1.50	2.0
	70	11.0	1.50	1.8	11.2	1.50	1.8	11.3	1.50	1.7
	80	9.1	1.50	1.5	9.2	1.50	1.4	9.3	1.50	1.4
NOTE: ALL CAPACITIES ARE NET, WITH INDOOR FAN HEAT ALREADY DEDUCTED. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).										

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	COP	KW
–	FC/MC/PC32	1.00	0.99	1.01
–	FC/MC/PC35	1.00	0.99	1.01
–	FC/MC/PC37	1.02	1.02	1.00
–	FC/MC/PC43	1.02	1.02	1.00
AHE30B	–	0.97	1.03	0.94
AHE36C	–	0.98	1.08	0.91
AHR30B	–	1.01	1.00	1.01
AHR36B	–	1.01	1.02	1.00
AHV30B	–	1.01	1.05	0.96
AHV36C	–	1.00	1.10	0.91
MV12B	FC/MC35B	0.98	1.06	0.92
MV12B	FC/MC43B	1.00	1.08	0.92
MV16C	FC/MC35C	0.99	1.08	0.91
MV16C	FC/MC43C	1.00	1.09	0.92
MX12BN21	FC/MC35B	1.05	1.09	1.09
MX16CN21	FC/MC35C	1.05	1.09	1.09
MX12BN21	FC/MC43B	1.07	1.12	1.08
MX16CN21	FC/MC43C	1.04	1.12	1.05

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Furnaces	Coils	MBH	COP	KW
T*(8,L)V*A12	FC/MC/PC32A	1.00	1.00	1.00
T*(8,L)V*A12	FC/MC/PC37A	0.99	1.05	0.94
T*(8,L)V*B12	FC/MC/PC35B	0.99	1.04	0.95
T*(8,L)V*B12	FC/MC/PC43B	1.01	1.07	0.94
T*(8,L)V*C16	FC/MC/PC35C	0.98	1.05	0.93
T*(8,L)V*C16	FC/MC/PC43C	1.00	1.09	0.92
T*(8,L)V*C20	FC/MC/PC35C	0.99	1.06	0.94
T*(8,L)V*C20	FC/MC/PC43C	0.99	1.10	0.90
T*9(C,V)*B12	FC/MC/PC35B	0.99	1.02	0.97
T*9(C,V)*B12	FC/MC/PC43B	1.01	1.05	0.96
T*9(C,V)*C16	FC/MC/PC35C	0.98	1.05	0.93
T*9(C,V)*C16	FC/MC/PC43C	1.00	1.07	0.93
T*9(C,V)*C20	FC/MC/PC35C	0.98	1.05	0.93
T*9(C,V)*C20	FC/MC/PC43C	1.00	1.08	0.92
TM8X080B12MP11	FC/MC/PC35B	1.04	1.06	1.10
TM8X080B12MP11	FC/MC/PC43B	1.07	1.11	1.09
TM8X080C16MP11	FC/MC/PC35C	1.05	1.10	1.08
TM8X080C16MP11	FC/MC/PC43C	1.05	1.11	1.07
TM8X100C16MP11	FC/MC/PC35C	1.05	1.10	1.08
TM8X100C16MP11	FC/MC/PC43C	1.05	1.11	1.07
TM8X100C20MP11	FC/MC/PC35C	1.05	1.10	1.09
TM8X100C20MP11	FC/MC/PC43C	1.06	1.12	1.08
TM8X120C20MP11	FC/MC/PC35C	1.05	1.10	1.09
TM8X120C20MP11	FC/MC/PC43C	1.06	1.12	1.08
TM9E060B12MP11	FC/MC/PC35B	1.04	1.06	1.12
TM9E060B12MP11	FC/MC/PC43B	1.06	1.09	1.10
TM9E080B12MP11	FC/MC/PC35B	1.04	1.06	1.12
TM9E080B12MP11	FC/MC/PC43B	1.06	1.09	1.10
TM9E080C16MP11	FC/MC/PC35C	1.05	1.10	1.09
TM9E080C16MP11	FC/MC/PC43C	1.07	1.12	1.09
TM9E100C16MP11	FC/MC/PC35C	1.05	1.10	1.09
TM9E100C16MP11	FC/MC/PC43C	1.07	1.12	1.09
TM9E100C20MP11	FC/MC/PC35C	1.06	1.05	1.14
TM9E100C20MP11	FC/MC/PC43C	1.08	1.08	1.13

Furnaces	Coils	MBH	COP	KW
TM9X060B12MP11	FC/MC/PC35B	1.04	1.06	1.12
TM9X060B12MP11	FC/MC/PC43B	1.06	1.09	1.10
TM9X080B12MP11	FC/MC/PC35B	1.04	1.06	1.12
TM9X080B12MP11	FC/MC/PC43B	1.06	1.09	1.10
TM9X080C16MP11	FC/MC/PC35C	1.05	1.10	1.09
TM9X080C16MP11	FC/MC/PC43C	1.07	1.12	1.09
TM9X100C16MP11	FC/MC/PC35C	1.05	1.10	1.09
TM9X100C16MP11	FC/MC/PC43C	1.07	1.12	1.09
TM9X100C20MP11	FC/MC/PC35C	1.06	1.05	1.14
TM9X100C20MP11	FC/MC/PC43C	1.08	1.08	1.13
TMLX080B12MP11	FC/MC/PC35B	1.04	1.06	1.10
TMLX080B12MP11	FC/MC/PC43B	1.07	1.11	1.09
TMLX080C16MP11	FC/MC/PC35C	1.05	1.10	1.08
TMLX080C16MP11	FC/MC/PC43C	1.05	1.11	1.07
TMLX100C16MP11	FC/MC/PC35C	1.05	1.10	1.08
TMLX100C16MP11	FC/MC/PC43C	1.05	1.11	1.07
TMLX100C20MP11	FC/MC/PC35C	1.05	1.10	1.09
TMLX100C20MP11	FC/MC/PC43C	1.06	1.12	1.08
TMLX120C20MP11	FC/MC/PC35C	1.05	1.10	1.09
TMLX120C20MP11	FC/MC/PC43C	1.06	1.12	1.08
Y*(8,L)C*A12	FC/MC/PC32A	1.00	1.00	1.00
Y*(8,L)C*A12	FC/MC/PC37A	0.99	1.05	0.94
Y*(8,L)C*B12	FC/MC/PC35B	0.99	1.04	0.95
Y*(8,L)C*B12	FC/MC/PC43B	1.01	1.07	0.94
Y*(8,L)C*C16	FC/MC/PC35C	0.98	1.05	0.93
Y*(8,L)C*C16	FC/MC/PC43C	1.00	1.09	0.92
Y*(8,L)C*C20	FC/MC/PC35C	0.99	1.06	0.94
Y*(8,L)C*C20	FC/MC/PC43C	0.99	1.10	0.90
Y*9C*B12	FC/MC/PC35B	0.99	1.02	0.97
Y*9C*B12	FC/MC/PC43B	1.01	1.05	0.96
Y*9C*C16	FC/MC/PC35C	0.98	1.05	0.93
Y*9C*C16	FC/MC/PC43C	1.00	1.07	0.93
Y*9C*C20	FC/MC/PC35C	0.98	1.05	0.93
Y*9C*C20	FC/MC/PC43C	1.00	1.08	0.92

HEATING PERFORMANCE DATA										
CONDENSING UNIT MODEL NO		YHJD36S4(3,4)S4								
EVAPORATOR COIL MODEL NO		AHP36								
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	AIR TEMP. ENTERING INDOOR COIL (°F)	ID CFM								
		1000			1200			1400		
		MBH	COP	KW	MBH	COP	KW	MBH	COP	KW
60	60	37.9	2.70	3.7	37.1	2.60	3.6	36.3	2.50	3.6
	70	37.4	2.80	3.4	36.8	2.70	3.4	36.3	2.60	3.4
	80	36.9	3.00	3.2	36.6	2.90	3.2	36.3	2.80	3.2
47	60	34.6	2.50	3.5	33.9	2.40	3.5	33.2	2.40	3.4
	70	34.0	2.70	3.3	33.6	2.60	3.3	33.2	2.50	3.2
	80	33.5	2.80	3.1	33.4	2.70	3.1	33.3	2.70	3.1
40	60	32.2	2.40	3.4	31.9	2.30	3.4	31.6	2.30	3.3
	70	31.4	2.50	3.2	31.3	2.50	3.2	31.3	2.40	3.1
	80	30.6	2.70	3.0	30.8	2.60	3.0	31.1	2.60	3.0
30	60	28.3	2.20	3.2	28.5	2.20	3.2	28.6	2.20	3.1
	70	27.2	2.30	2.9	27.7	2.30	3.0	28.2	2.30	3.0
	80	26.0	2.40	2.7	26.9	2.40	2.8	27.8	2.40	2.8
17	60	21.8	2.00	2.7	22.8	2.00	2.7	23.9	2.00	2.8
	70	18.7	2.00	2.3	19.8	2.00	2.4	20.9	2.00	2.4
	80	15.6	2.00	1.9	16.8	2.00	2.0	18.0	2.10	2.1
10	60	18.7	1.90	2.4	18.4	1.90	2.3	18.2	1.90	2.2
	70	16.1	1.90	2.0	16.0	1.90	2.0	16.0	2.00	1.9
	80	13.5	2.00	1.7	13.6	2.00	1.7	13.7	2.00	1.6
NOTE: ALL CAPACITIES ARE NET, WITH INDOOR FAN HEAT ALREADY DEDUCTED. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).										

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	COP	KW
–	FC/MC/PC37	0.99	1.01	0.99
–	FC/MC/PC43	1.00	1.00	1.00
–	FC/MC/PC48	1.01	1.01	0.99
–	UC48	1.01	1.04	0.98
AHE36C	–	0.97	1.08	0.91
AHE42D	–	0.97	1.09	0.90
AHR36B	–	1.00	1.03	0.98
AHR42C	–	1.00	1.04	0.96
AHV36C	–	0.92	1.01	0.91
AHV42D	–	0.91	1.03	0.89
MV12B	FC/MC43B	0.99	1.05	0.94
MV12D	FC/MC48D	0.98	1.09	0.90
MV16C	FC/MC43C	0.98	1.06	0.92
MV16C	FC/MC48C	0.98	1.07	0.92
MX12BN21	FC/MC43B	0.91	1.24	0.84
MX12DN21	FC/MC48D	0.90	1.05	0.86
MX16CN21	FC/MC43C	0.92	1.27	0.84
MX16CN21	FC/MC48C	0.92	1.04	0.89
MX20DN21	FC/MC48D	0.92	1.07	0.86

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Furnaces	Coils	MBH	COP	KW
T*(8,L)V*A12	FC/MC/PC37A	0.98	1.02	0.97
T*(8,L)V*B12	FC/MC/PC43B	1.00	1.02	0.98
T*(8,L)V*C16	FC/MC/PC43C	0.98	1.05	0.94
T*(8,L)V*C16	FC/MC/PC48C	0.99	1.06	0.93
T*(8,L)V*C16	UC48C	0.99	1.09	0.91
T*(8,L)V*C20	FC/MC/PC43C	0.98	1.05	0.93
T*(8,L)V*C20	FC/MC/PC48C	0.98	1.08	0.91
T*(8,L)V*C20	UC48C	0.99	1.10	0.90
T*9(C,V)*B12	FC/MC/PC43B	0.99	1.02	0.97
T*9(C,V)*C16	FC/MC/PC43C	0.98	1.04	0.95
T*9(C,V)*C16	FC/MC/PC48C	0.99	1.05	0.94
T*9(C,V)*C16	UC48C	1.00	1.08	0.92
T*9(C,V)*C20	FC/MC/PC43C	0.98	1.05	0.94
T*9(C,V)*C20	FC/MC/PC48C	1.01	1.06	0.95
T*9(C,V)*C20	UC48C	1.02	1.08	0.94
T*9(C,V)*D20	FC/MC/PC48D	0.99	1.06	0.93
T*9(C,V)*D20	UC48D	1.00	1.09	0.92
TM8X080B12MP11	FC/MC/PC43B	0.91	1.00	0.92
TM8X080C16MP11	FC/MC/PC43C	0.90	1.03	0.89
TM8X080C16MP11	FC/MC/PC48C	0.90	1.03	0.88
TM8X100C16MP11	FC/MC/PC43C	0.90	1.03	0.89
TM8X100C16MP11	FC/MC/PC48C	0.90	1.03	0.88
TM8X100C20MP11	FC/MC/PC43C	0.92	1.03	0.89
TM8X100C20MP11	FC/MC/PC48C	0.92	1.04	0.89
TM8X120C20MP11	FC/MC/PC43C	0.92	1.03	0.89
TM8X120C20MP11	FC/MC/PC48C	0.92	1.04	0.89
TM9E060B12MP11	FC/MC/PC43B	0.91	1.00	0.92
TM9E080B12MP11	FC/MC/PC43B	0.91	1.00	0.92
TM9E080C16MP11	FC/MC/PC43C	0.91	1.01	0.90
TM9E080C16MP11	FC/MC/PC48C	0.91	1.02	0.90
TM9E080C16MP11	UC48C	0.88	0.97	0.91
TM9E100C16MP11	FC/MC/PC43C	0.91	1.01	0.90
TM9E100C16MP11	FC/MC/PC48C	0.91	1.02	0.90
TM9E100C16MP11	UC48C	0.88	0.97	0.91
TM9E100C20MP11	FC/MC/PC43C	0.90	1.01	0.90
TM9E100C20MP11	FC/MC/PC48C	0.91	1.02	0.90
TM9E100C20MP11	UC48C	0.88	0.97	0.91
TM9E120D20MP11	FC/MC/PC48D	0.91	1.03	0.88
TM9E120D20MP11	UC48D	0.88	0.98	0.91
TM9X060B12MP11	FC/MC/PC43B	0.91	1.00	0.92
TM9X080B12MP11	FC/MC/PC43B	0.91	1.00	0.92

Furnaces	Coils	MBH	COP	KW
TM9X080C16MP11	FC/MC/PC43C	0.91	1.01	0.90
TM9X080C16MP11	FC/MC/PC48C	0.91	1.02	0.90
TM9X080C16MP11	UC48C	0.88	0.97	0.91
TM9X100C16MP11	FC/MC/PC43C	0.91	1.01	0.90
TM9X100C16MP11	FC/MC/PC48C	0.91	1.02	0.90
TM9X100C16MP11	UC48C	0.88	0.97	0.91
TM9X100C20MP11	FC/MC/PC43C	0.90	1.01	0.90
TM9X100C20MP11	FC/MC/PC48C	0.91	1.02	0.90
TM9X100C20MP11	UC48C	0.88	0.97	0.91
TM9X120D20MP11	FC/MC/PC48D	0.91	1.03	0.88
TM9X120D20MP11	UC48D	0.88	0.98	0.91
TMLX080B12MP11	FC/MC/PC43B	0.91	1.00	0.92
TMLX080C16MP11	FC/MC/PC43C	0.90	1.03	0.89
TMLX080C16MP11	FC/MC/PC48C	0.90	1.03	0.88
TMLX080C16MP11	UC48C	0.88	0.98	0.91
TMLX100C16MP11	FC/MC/PC43C	0.90	1.03	0.89
TMLX100C16MP11	FC/MC/PC48C	0.90	1.03	0.88
TMLX100C16MP11	UC48C	0.88	0.98	0.91
TMLX100C20MP11	FC/MC/PC43C	0.92	1.03	0.89
TMLX100C20MP11	FC/MC/PC48C	0.92	1.04	0.89
TMLX100C20MP11	UC48C	0.89	0.97	0.92
TMLX120C20MP11	FC/MC/PC43C	0.92	1.03	0.89
TMLX120C20MP11	FC/MC/PC48C	0.92	1.04	0.89
TMLX120C20MP11	UC48C	0.89	0.97	0.92
Y*(8,L)C*A12	FC/MC/PC37A	0.98	1.02	0.97
Y*(8,L)C*B12	FC/MC/PC43B	1.00	1.02	0.98
Y*(8,L)C*C16	FC/MC/PC43C	0.98	1.05	0.94
Y*(8,L)C*C16	FC/MC/PC48C	0.99	1.06	0.93
Y*(8,L)C*C16	UC48C	0.99	1.09	0.91
Y*(8,L)C*C20	FC/MC/PC43C	0.98	1.05	0.93
Y*(8,L)C*C20	FC/MC/PC48C	0.98	1.08	0.91
Y*(8,L)C*C20	UC48C	0.99	1.10	0.90
Y*9C*B12	FC/MC/PC43B	0.99	1.02	0.97
Y*9C*C16	FC/MC/PC43C	0.98	1.04	0.95
Y*9C*C16	FC/MC/PC48C	0.99	1.05	0.94
Y*9C*C16	UC48C	1.00	1.08	0.92
Y*9C*C20	FC/MC/PC43C	0.98	1.05	0.94
Y*9C*C20	FC/MC/PC48C	1.01	1.06	0.95
Y*9C*C20	UC48C	1.02	1.08	0.94
Y*9C*D20	FC/MC/PC48D	0.99	1.06	0.93
Y*9C*D20	UC48D	1.00	1.09	0.92

HEATING PERFORMANCE DATA										
CONDENSING UNIT MODEL NO		YHJD42S4(3,4)S4								
EVAPORATOR COIL MODEL NO		AHP48								
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	AIR TEMP. ENTERING INDOOR COIL (°F)	ID CFM								
		1200			1400			1600		
		MBH	COP	KW	MBH	COP	KW	MBH	COP	KW
60	60	45.8	2.80	4.2	45.2	2.70	4.1	44.5	2.60	4.1
	70	44.6	3.00	3.8	44.4	2.90	3.8	44.2	2.80	3.8
	80	43.4	3.20	3.5	43.7	3.10	3.6	44.0	3.00	3.6
47	60	41.8	2.50	4.2	41.4	2.60	4.0	41.1	2.60	3.7
	70	40.7	2.70	3.9	40.2	2.70	3.7	39.7	2.70	3.5
	80	39.7	2.80	3.6	39.0	2.80	3.4	38.3	2.80	3.3
40	60	38.9	2.40	4.0	38.5	2.50	3.8	38.1	2.50	3.6
	70	37.6	2.60	3.7	37.0	2.60	3.5	36.4	2.70	3.3
	80	36.3	2.70	3.4	35.5	2.80	3.2	34.7	2.80	3.0
30	60	34.9	2.30	3.7	34.0	2.30	3.5	33.1	2.40	3.3
	70	32.6	2.40	3.4	31.7	2.40	3.1	30.8	2.50	3.0
	80	30.3	2.50	3.0	29.4	2.50	2.8	28.4	2.60	2.6
17	60	26.6	2.20	3.0	25.7	2.20	2.8	24.9	2.20	2.6
	70	24.1	2.30	2.6	23.4	2.30	2.4	22.6	2.30	2.3
	80	21.6	2.40	2.3	21.0	2.40	2.1	20.4	2.40	2.0
10	60	22.3	2.20	2.5	21.5	2.20	2.4	20.6	2.20	2.2
	70	20.0	2.20	2.2	19.2	2.20	2.1	18.5	2.20	1.9
	80	17.6	2.20	1.9	17.0	2.20	1.8	16.4	2.20	1.7
NOTE: ALL CAPACITIES ARE NET, WITH INDOOR FAN HEAT ALREADY DEDUCTED. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).										

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	COP	KW
–	FC/MC/PC60	1.01	1.01	1.01
–	UC60	1.00	0.99	1.01
AHE48D	–	0.99	1.04	0.95
AHR48D	–	1.00	0.98	1.02
AHV48D	–	0.98	1.04	0.94
MV16C	FC/MC48C	0.98	1.04	0.94
MV16C	FC/MC60C	0.99	1.05	0.94
MV20D	FC/MC48D	0.98	1.07	0.92
MV20D	FC/MC60D	0.99	1.06	0.93
MX16CN21	FC60C	1.00	1.03	0.96
MX20DN21	FC/MC60D	0.99	1.05	0.93

Continued on next page.

Furnaces	Coils	MBH	COP	KW
T*(8,L)V*C16	FC/MC/PC48C	0.91	0.97	0.94
T*(8,L)V*C16	FC/PC60C	1.00	1.05	0.95
T*(8,L)V*C16	UC60C	0.99	1.04	0.95
T*(8,L)V*C20	FC/MC/PC48C	0.91	0.97	0.94
T*(8,L)V*C20	FC/PC60C	0.99	1.06	0.93
T*(8,L)V*C20	UC60C	0.99	1.05	0.94
T*9(C,V)*C16	FC/MC/PC48C	0.91	0.95	0.95
T*9(C,V)*C16	FC/PC60C	1.00	1.02	0.98
T*9(C,V)*C16	UC60C	1.00	1.01	0.99
T*9(C,V)*C20	FC/MC/PC48C	0.91	0.95	0.96
T*9(C,V)*C20	FC/PC60C	1.00	1.03	0.97
T*9(C,V)*C20	UC60C	1.00	1.02	0.98
T*9(C,V)*D20	FC/MC/PC48D	0.91	0.96	0.95
T*9(C,V)*D20	FC/MC/PC60D	1.00	1.04	0.96
T*9(C,V)*D20	UC60D	0.99	1.03	0.96
TM8X080C16MP11	FC/PC60C	1.00	1.01	0.97
TM8X080C16MP11	UC60C	0.98	1.00	0.97
TM8X100C16MP11	FC/PC60C	1.00	1.01	0.97
TM8X100C16MP11	UC60C	0.98	0.99	0.98
TM8X100C20MP11	FC/PC60C	1.00	1.02	0.97
TM8X100C20MP11	UC60C	0.99	1.00	0.97
TM8X120C20MP11	FC/PC60C	1.00	1.02	0.97
TM8X120C20MP11	UC60C	0.99	1.00	0.97
TM9E120D20MP11	FC/MC/PC60D	0.98	0.99	0.98
TM9E120D20MP11	UC60D	0.98	0.99	0.98

Furnaces	Coils	MBH	COP	KW
TM9X120D20MP11	FC/MC/PC60D	0.98	0.99	0.98
TM9X120D20MP11	UC60D	0.98	0.99	0.98
TMLX080C16MP11	FC/PC60C	1.00	1.01	0.97
TMLX080C16MP11	UC60C	0.98	0.99	0.98
TMLX100C16MP11	FC/PC60C	1.00	1.01	0.97
TMLX100C16MP11	UC60C	0.98	0.99	0.98
TMLX100C20MP11	FC/PC60C	1.00	1.02	0.97
TMLX100C20MP11	UC60C	0.99	1.00	0.97
TMLX120C20MP11	FC/PC60C	1.00	1.02	0.97
TMLX120C20MP11	UC60C	0.99	1.00	0.97
Y*(8,L)C*C16	FC/MC/PC48C	0.91	0.97	0.94
Y*(8,L)C*C16	FC/PC60C	1.00	1.05	0.95
Y*(8,L)C*C16	UC60C	0.99	1.04	0.95
Y*(8,L)C*C20	FC/MC/PC48C	0.91	0.97	0.94
Y*(8,L)C*C20	FC/PC60C	0.99	1.06	0.93
Y*(8,L)C*C20	UC60C	0.99	1.05	0.94
Y*9C*C16	FC/MC/PC48C	0.91	0.95	0.95
Y*9C*C16	FC/PC60C	1.00	1.02	0.98
Y*9C*C16	UC60C	1.00	1.01	0.99
Y*9C*C20	FC/MC/PC48C	0.91	0.95	0.96
Y*9C*C20	FC/PC60C	1.00	1.03	0.97
Y*9C*C20	UC60C	1.00	1.02	0.98
Y*9C*D20	FC/MC/PC48D	0.91	0.96	0.95
Y*9C*D20	FC/MC/PC60D	1.00	1.04	0.96
Y*9C*D20	UC60D	0.99	1.03	0.96

HEATING PERFORMANCE DATA										
CONDENSING UNIT MODEL NO		YHJD48S4(3,4)S3								
EVAPORATOR COIL MODEL NO		AHP60								
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	AIR TEMP. ENTERING INDOOR COIL (°F)	ID CFM								
		1400			1600			1800		
		MBH	COP	KW	MBH	COP	KW	MBH	COP	KW
60	60	60.1	4.40	4.0	61.4	4.50	4.0	62.7	4.70	3.9
	70	59.0	4.30	4.1	59.2	4.00	4.3	61.1	4.20	4.3
	80	57.9	4.10	4.1	57.0	3.60	4.7	59.5	3.70	4.7
47	60	52.1	4.70	3.3	51.4	4.00	3.7	48.1	3.80	3.7
	70	51.3	4.20	3.6	50.7	3.60	4.2	49.4	3.50	4.1
	80	50.4	3.80	3.9	50.0	3.20	4.6	50.8	3.20	4.6
40	60	47.4	4.40	3.2	45.5	3.60	3.7	48.5	3.80	3.7
	70	46.9	3.90	3.5	45.5	3.20	4.1	47.1	3.40	4.1
	80	46.5	3.50	3.9	45.5	3.00	4.5	45.7	3.00	4.5
30	60	41.8	4.00	3.0	38.4	2.60	4.3	37.3	2.60	4.2
	70	41.5	3.60	3.4	37.5	2.90	3.9	37.9	2.90	3.9
	80	41.3	3.30	3.7	36.6	3.10	3.4	38.4	3.20	3.5
17	60	35.1	3.60	2.9	28.6	2.20	3.9	29.5	2.20	4.0
	70	35.0	3.20	3.2	29.1	2.40	3.6	29.9	2.40	3.6
	80	34.9	2.90	3.5	29.5	2.60	3.3	30.2	2.70	3.3
10	60	32.0	3.40	2.8	25.8	2.00	3.9	26.4	2.00	3.9
	70	31.8	3.00	3.1	26.4	2.20	3.6	27.3	2.20	3.6
	80	31.7	2.80	3.4	27.0	2.40	3.3	28.1	2.50	3.4

NOTE: ALL CAPACITIES ARE NET, WITH INDOOR FAN HEAT ALREADY DEDUCTED. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	COP	KW
AHE48D	–	0.98	1.01	1.97
AHV48D	–	0.98	0.97	1.01
AHV60D	–	0.99	0.99	1.00
MV20D	FC/MC60D	1.00	1.00	1.00
MV20D	FC/MC62D	1.00	1.00	1.00
MX16CN21	FC60C	0.98	1.03	0.95
MX20DN21	FC/MC60D	0.98	1.06	0.92
MX20DN21	FC/MC62D	0.98	1.07	0.91

Furnaces	Coils	MBH	COP	KW
T*(8,L)V*C20	FC/MC62D	1.00	1.00	1.00
T*9(C,V)*C20	FC/MC62D	1.00	1.00	1.00
T*9(C,V)*D20	FC/MC62D	1.00	1.00	1.00
TM8X100C20MP11	FC/MC62D	0.98	1.03	0.95
TM8X120C20MP11	FC/MC62D	0.98	1.03	0.95
TM9E100C20MP11	FC/MC62D	0.99	1.02	0.97
TM9E120D20MP11	FC/MC62D	0.99	1.03	0.97
TM9X100C20MP11	FC/MC62D	0.99	1.02	0.97
TM9X120D20MP11	FC/MC62D	0.99	1.03	0.97
TMLX100C20MP11	FC/MC62D	0.98	1.03	0.95
TMLX120C20MP11	FC/MC62D	0.98	1.03	0.95
Y*(8,L)C*C20	FC/MC62D	1.00	1.00	1.00
Y*9C*C20	FC/MC62D	1.00	1.00	1.00
Y*9C*D20	FC/MC62D	1.00	1.00	1.00

HEATING PERFORMANCE DATA										
CONDENSING UNIT MODEL NO		YHJD60S4(3,4)S5								
EVAPORATOR COIL MODEL NO		FC/MC62								
AIR TEMP. ENTERING OUTDOOR UNIT (°F)	AIR TEMP. ENTERING INDOOR COIL (°F)	ID CFM								
		1600			1800			2000		
		MBH	COP	KW	MBH	COP	KW	MBH	COP	KW
60	60	64.7	3.72	4.5	64.6	3.70	4.4	64.4	3.68	4.4
	70	64.0	3.39	4.9	64.1	3.39	4.9	64.2	3.39	4.8
	80	63.3	3.11	5.4	63.6	3.12	5.3	64.0	3.14	5.2
47	60	56.8	3.47	4.2	57.0	3.44	4.2	57.2	3.42	4.2
	70	55.7	3.15	4.6	56.1	3.14	4.6	56.5	3.14	4.5
	80	54.6	2.87	5.0	55.2	2.88	4.9	55.8	2.90	4.9
40	60	51.1	3.24	4.0	50.7	3.19	4.0	50.3	3.14	4.0
	70	46.0	2.78	4.3	48.2	2.85	4.3	50.4	2.91	4.3
	80	40.8	2.36	4.5	45.7	2.54	4.6	50.5	2.71	4.7
30	60	44.3	2.93	3.8	42.4	2.80	3.8	40.5	2.66	3.7
	70	42.8	2.63	4.2	41.1	2.53	4.1	39.5	2.42	4.0
	80	41.3	2.37	4.5	39.9	2.29	4.4	38.5	2.21	4.4
17	60	29.4	2.10	3.5	32.7	2.26	3.6	36.0	2.41	3.6
	70	29.6	1.95	3.9	31.1	2.00	3.9	32.7	2.05	3.9
	80	29.8	1.82	4.2	29.6	1.78	4.2	29.4	1.73	4.2
10	60	28.4	2.04	3.5	29.1	2.04	3.5	29.8	2.03	3.6
	70	25.3	1.69	3.8	25.4	1.66	3.8	25.6	1.63	3.8
	80	22.1	1.39	4.1	21.7	1.33	4.1	21.3	1.28	4.1
NOTE: ALL CAPACITIES ARE NET, WITH INDOOR FAN HEAT ALREADY DEDUCTED. KW VALUES ARE FOR THE SYSTEM (OUTDOOR + INDOOR).										

Multipliers for determining the performance with other indoor sections.

Air Handlers	Coils	MBH	COP	KW
_	FC/MC62	1.00	1.00	1.00
_	FC64	1.02	0.98	1.04
AHE60D	_	0.99	1.02	0.97
AHR60D	_	1.00	0.99	1.01
AHV60D	_	0.99	1.01	0.98
MV20D	FC/MC62D	0.99	1.00	0.99
MV20D	FC64D	1.00	1.01	1.00
MX20DN21	FC/MC62D	0.99	1.17	0.96
MX20DN21	FC64D	1.00	1.18	0.96

Furnaces	Coils	MBH	COP	KW
T*(8,L)V*C20	FC/MC62D	1.00	1.01	0.99
T*(8,L)V*C20	FC64D	1.00	1.00	1.00
T*9V*C20	FC/MC62D	1.00	1.01	0.99
T*9V*C20	FC64D	1.01	1.01	1.00
T*9V*D20	FC/MC62D	1.00	1.01	0.99
T*9V*D20	FC64D	1.01	1.02	0.99
TM8X080C16MP11	FC/MC62D	0.98	1.09	1.01
TM8X080C16MP11	FC64D	1.00	1.11	1.02
TM8X100C16MP11	FC/MC62D	0.98	1.09	1.01
TM8X100C16MP11	FC64D	1.00	1.11	1.02
TM8X100C20MP11	FC/MC62D	0.98	1.11	0.99

Furnaces	Coils	MBH	COP	KW
TM8X120C20MP11	FC/MC62D	0.98	1.11	0.99
TM9E100C20MP11	FC/MC62D	0.98	1.10	1.00
TM9E100C20MP11	FC64D	1.00	1.11	1.02
TM9E120D20MP11	FC/MC62D	0.98	1.10	1.00
TM9E120D20MP11	FC64D	0.99	1.10	1.01
TM9X100C20MP11	FC/MC62D	0.98	1.10	1.00
TM9X100C20MP11	FC64D	1.00	1.11	1.02
TM9X120D20MP11	FC/MC62D	0.98	1.10	1.00
TM9X120D20MP11	FC64D	0.99	1.10	1.01
TMLX080C16MP11	FC/MC62D	0.98	1.10	1.00
TMLX080C16MP11	FC64D	1.00	1.11	1.02
TMLX100C16MP11	FC/MC62D	0.98	1.09	1.01
TMLX100C16MP11	FC64D	1.00	1.11	1.02
TMLX100C20MP11	FC/MC62D	0.98	1.11	0.99
TMLX120C20MP11	FC/MC62D	0.98	1.11	0.99
Y*(8,L)C*C20	FC/MC62D	1.00	1.01	0.99
Y*(8,L)C*C20	FC/MC62D	1.00	1.01	0.99
Y*(8,L)C*C20	FC64D	1.00	1.00	1.00
Y*9C*C20	FC/MC62D	1.00	1.01	0.99
Y*9C*C20	FC64D	1.01	1.01	1.00
Y*9C*D20	FC/MC62D	1.00	1.01	0.99
Y*9C*D20	FC64D	1.01	1.02	0.99

NOTES

571923-YTG-D-0714
Supersedes: 571923-YTG-C-1212

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