YORK®
Heating and Air Conditioning

# *TECHNICAL GUIDE*

## LX SERIES
## SPLIT-SYSTEM HEAT PUMPS
## 13 SEER – R-410A – 1 PHASE
## 1.5 THRU 5 NOMINAL TONS
## MODELS: YHJD18 THRU 60


AHRI CERTIFIED™ www.ahridirectory.org
Unitary Small HP
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

ISO 9000 REGISTRATION
ISO 9001
Certified Quality
Management System

C SA US

Good Housekeeping Promises
LIMITED WARRANTY TO CONSUMERS
REPLACEMENT OR REFUND IF DEFECTIVE

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

**Visit us on the web at**
***www.upgnet.com and www.york.com***

**Additional rating information can be found at**
***www.ahridirectory.org***

**WARRANTY SUMMARY***

Standard 5-Years limited parts warranty.
Standard 10-Years limited compressor warranty.

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

*Does not apply to R-22 models, 3-Phase 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 i76s 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

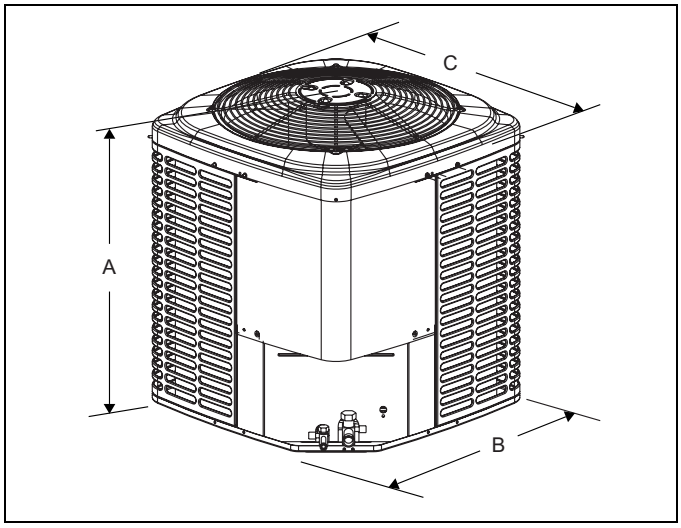
- **Small Footprint -** The compact footprint is a perfect fit for any application.
- **Quality Condenser Coils -** The coil is constructed of copper tubing and enhanced aluminum fins for increased performance.
- **Coil Protection -** Coils are protected from damage by a slotted, stamped steel coil guard.
- **Protected Compressor -** Compressors are protected internally by a high pressure relief valve and a temperature sensor, and externally by the system high pressure switch. 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 prepainted steel, with special primer formulas and matte champagne texture to insure less fading when exposed to sunlight. 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 | | YHJD18 S41S2 | YHJD24 S41S4 | YHJD30 S41S4 | YHJD36 S41S4 | YHJD42 S41S4 | YHJD48 S41S4 | YHJD60 S41S5 |
|---|---|---|---|---|---|---|---|---|
| Unit Supply Voltage | | 208-230V, 1ϕ, 60Hz | | | | | | |
| Normal Voltage Range [1] | | 187 to 252 | | | | | | |
| Minimum Circuit Ampacity | | 11.9 | 11.2 | 14.1 | 19.7 | 20.9 | 25.6 | 42.6 |
| Max. Overcurrent Device Amps [2] | | 20 | 15 | 20 | 30 | 35 | 45 | 70 |
| Min. Overcurrent Device Amps [3] | | 15 | 15 | 15 | 20 | 25 | 30 | 45 |
| Compressor Type | | Scroll | Recip | Recip | Recip | Recip | Recip | Scroll |
| Compressor Amps | Rated Load | 9.0 | 8.3 | 10.6 | 14.7 | 15.7 | 19.4 | 33.0 |
| | Locked Rotor | 48.0 | 43.0 | 54.0 | 74.0 | 88.0 | 88.0 | 134.0 |
| Crankcase Heater | | No | Yes | Yes | Yes | Yes | Yes | No |
| Factory External Discharge Muffler | | Yes | No | No | No | No | No | Yes |
| Factory External Check Valve | | No | No | No | No | No | No | No |
| HS Kit Required with TXV [4] | | No | Yes | Yes | Yes | Yes | Yes* | No |
| Fan Motor Amps | Rated Load | 0.70 | 0.80 | 0.80 | 1.3 | 1.3 | 1.3 | 1.5 |
| Fan Diameter Inches | | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Fan Motor | Rated HP | 1/10 | 1/8 | 1/8 | 1/4 | 1/4 | 1/4 | 1/4 |
| | Nominal RPM | 825 | 1075 | 1075 | 850 | 850 | 850 | 850 |
| | Nominal CFM | 2000 | 2900 | 3000 | 3800 | 3800 | 3600 | 3550 |
| Coil | Face Area Sq. Ft. | 15.7 | 18.3 | 21.0 | 23.6 | 23.6 | 23.6 | 23.6 |
| | Rows Deep | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| | Fins / Inch | 22 | 22 | 22 | 22 | 22 | 18 | 18 |
| Liquid Line Set OD (Field Installed) | | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| Vapor Line Set OD (Field Installed) | | 3/4 | 3/4 | 3/4 | 3/4 | 7/8 | 7/8 | 1-1/8 |
| Unit Charge (Lbs. - Oz.) [5] | | 6 - 6 | 9 - 6 | 9 - 0 | 10 - 0 | 9 - 10 | 14 - 12 | 15 - 0 |
| Charge Per Foot, Oz. | | 0.62 | 0.62 | 0.62 | 0.62 | 0.67 | 0.67 | .76 |
| Operating Weight Lbs. | | 172 | 194 | 206 | 218 | 218 | 285 | 290 |

* These models are shipped with a Hard Start Kit installed at the factory.

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. See Hard Start Kit Accessory Installation Manual for Hard Start Kit part number for each model.
5. 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 length multiplied by the per foot value.




| Unit Model | Dimensions (Inches) | | | Refrigerant Connection Service Valve Size | |
|---|---|---|---|---|---|
| | A | B | C | Liquid | Vapor |
| 18 | 28-1/4 | 34 | 34 | 3/8 | 3/4 |
| 24 | 32-1/4 | 34 | 34 | | |
| 30 | 36-1/4 | 34 | 34 | | |
| 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 required for 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** | YHJD18S41S2 | YHJD24S41S4 | YHJD30S41S4 | YHJD36S41S4 | YHJD42S41S4 | YHJD48S41S4 | YHJD60S41S5 |
| **Required Orifice or TXV [1,2]** | .051/4F1 | .054, .059/4G1 | .063/4G1 | .071/4H1 | .075/4H1 | 4J1 | 4K1 |
| **Indoor Unit [3,4,5]** | **Additional Charge, Oz** | | | | | | |
| AHE18B | .051/ TXV + 0 | – | – | – | – | – | – |
| AHE24B | – | .054 / TXV + 0 | – | – | – | – | – |
| AHE30B | – | .054 / TXV + 0 | .063 / TXV + 0 | – | – | – | – |
| AHE36C | – | – | .063 / TXV + 25 | .071 / TXV + 0 | – | – | – |
| AHE42D | – | – | – | .071 / TXV + 16 | – | – | – |
| AHE48D | – | – | – | – | .075 / TXV + 0 | TXV + 0 | – |
| AHE60D | – | – | – | – | – | TXV + 25 | TXV + 0 |
| AHR18B | .051/ TXV + 0 | – | – | – | – | – | – |
| AHR24B | – | .054 / TXV + 0 | – | – | – | – | – |
| AHR30B | – | – | .063 / TXV + 0 | – | – | – | – |
| AHR36B | – | – | .063 / TXV + 25 | .071 / TXV + 6 | – | – | – |
| AHR42C | – | – | – | .071 / TXV + 16 | – | – | – |
| AHR48D | – | – | – | – | .075 / TXV + 0 | TXV + 0 | – |
| AHR60D | – | – | – | – | – | TXV + 25 | TXV + 0 |
| AHV18B | .051/ TXV + 0 | – | – | – | – | – | – |
| AHV24B | – | .054 / TXV + 0 | – | – | – | – | – |
| AHV30B | – | .054 / TXV + 0 | .063 / TXV + 0 | – | – | – | – |
| AHV36C | – | .059 / TXV + 23 | .063 / TXV + 25 | .071 / TXV + 6 | – | – | – |
| AHV42D | – | – | – | .071 / TXV + 16 | – | – | – |
| AHV48D | – | – | – | – | .075 / TXV + 0 | TXV + 0 | – |
| AHV60D | – | – | – | – | – | TXV + 25 | TXV + 0 |
| AV*24 | .051/ TXV + 3 | – | – | – | – | – | – |
| AV*36 | – | .059 / TXV + 23 | .063 / TXV + 25 | .071 / TXV + 6 | – | – | – |
| AV*48 | – | – | – | – | .075 / TXV + 0 | TXV + 0 | – |
| AV*60 | – | – | – | – | .075 / TXV + 0 | TXV + 0 | – |
| FC/MC/PC18 | .051/ TXV + 0 | – | – | – | – | – | – |
| FC/MC/PC24 | .051/ TXV + 5 | – | – | – | – | – | – |
| FC/MC/PC30 | .051/ TXV + 5 | – | – | – | – | – | – |
| FC/MC/PC32 | – | .059 / TXV + 0 | .063 / TXV + 0 | – | – | – | – |
| FC/MC/PC35 | – | .059 / TXV + 0 | .063 / TXV + 0 | – | – | – | – |
| FC/MC/PC37 | – | .059 / TXV + 23 | .063 / TXV + 25 | .071 / TXV + 6 | – | – | – |
| FC/MC/PC43 | – | .059 / TXV + 23 | .063 / TXV + 25 | .071 / TXV + 6 | – | – | – |
| FC/MC/PC/UC48 | – | – | – | .071 / TXV + 16 | – | – | – |
| FC/MC/PC/UC60 | – | – | – | – | .075 / TXV + 0 | TXV + 0 | – |
| FC/MC62 | – | – | – | – | – | TXV + 25 | TXV + 0 |
| FC64 | – | – | – | – | – | – | TXV + 23 |
| UC18 | .051/ TXV + 1 | – | – | – | – | – | – |
| UC24 | .051/ TXV + 7 | – | – | – | – | – | – |
| UC30 | .051/ TXV + 7 | – | – | – | – | – | – |
| UC48 | – | – | – | .071 / TXV + 25 | – | – | – |
| UC60 | – | – | – | – | .075 / TXV + 2 | TXV + 11 | – |
| 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(s) 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 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 or orifice 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 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 line set.

## 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** | | | | | | | | |
| YHJD18S41S2 | AHE18B | 17.5 | – | 610 | 18.0 | 14.6 | 14.00 | 12.00 |
| | AHR18B | 17.5 | – | 665 | 18.0 | 14.9 | 13.00 | 11.00 |
| | AHV18B | 17.5 | – | 615 | 18.0 | 13.2 | 14.00 | 12.00 |
| | AV*24 | 17.5 | – | 610 | 18.0 | 13.7 | 14.50 | 12.00 |
| | MV12B | 17.5 | FC/MC18B | 600 | 18.0 | 13.7 | 14.50 | 12.00 |
| | MV12B | 17.5 | FC/MC24B | 600 | 18.0 | 13.7 | 14.50 | 12.00 |
| | MV12B | 17.5 | FC/MC30B | 600 | 18.0 | 13.7 | 14.50 | 12.00 |
| | MX12B | 17.5 | FC/MC18B | 585 | 18.0 | 14.5 | 14.50 | 12.00 |
| | MX12B | 17.5 | FC/MC24B | 645 | 18.0 | 15.0 | 14.50 | 12.00 |
| | MX12B | 17.5 | FC/MC30B | 645 | 18.0 | 15.0 | 14.50 | 12.00 |
| YHJD24S41S4 | AHE24B | 17.5 | – | 795 | 24.0 | 17.4 | 14.50 | 12.00 |
| | AHE30B | 17.5 | – | 795 | 24.0 | 17.4 | 14.50 | 12.00 |
| | AHR24B | 17.5 | – | 740 | 24.0 | 16.9 | 13.00 | 11.00 |
| | AHV24B | 17.5 | – | 710 | 24.0 | 17.0 | 14.00 | 12.00 |
| | AHV30B | 17.5 | – | 775 | 24.0 | 17.6 | 14.00 | 12.00 |
| | AHV36C | 21.0 | – | 760 | 24.0 | 17.8 | 14.00 | 12.00 |
| | AV*36 | 21.0 | – | 725 | 24.0 | 17.0 | 14.50 | 12.00 |
| | MV12B | 17.5 | FC/MC35B | 800 | 24.0 | 17.5 | 14.50 | 12.00 |
| | MV12B | 17.5 | FC/MC43B | 800 | 24.0 | 17.3 | 14.50 | 12.00 |
| | MX12B | 17.5 | FC/MC35B | 815 | 24.0 | 17.6 | 14.50 | 12.00 |
| | MX12B | 17.5 | FC/MC43B | 735 | 24.0 | 17.1 | 14.50 | 12.00 |
| YHJD30S41S4 | 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 |
| | AV*36 | 21.0 | – | 960 | 30.0 | 22.4 | 14.50 | 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 |
| | MX12B | 17.5 | FC/MC35B | 1085 | 29.6 | 22.2 | 14.00 | 12.00 |
| | MX12B | 17.5 | FC/MC43B | 1095 | 29.4 | 22.6 | 14.00 | 12.00 |
| | MX16C | 21.0 | FC/MC35C | 1035 | 29.6 | 22.2 | 14.00 | 12.00 |
| | MX16C | 21.0 | FC/MC43C | 970 | 29.6 | 21.6 | 14.00 | 12.00 |
| YHJD36S41S4 | AHE36C | 21.0 | – | 1190 | 35.6 | 25.7 | 14.50 | 12.00 |
| | AHE42D | 24.5 | – | 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 |
| | AV*36 | 21.0 | – | 1190 | 36.0 | 26.8 | 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 |
| | MX12B | 17.5 | FC/MC43B | 1220 | 35.6 | 26.0 | 14.00 | 12.00 |
| | MX12D | 24.5 | FC/MC48D | 1225 | 35.6 | 25.7 | 14.50 | 12.00 |
| | MX16C | 21.0 | FC/MC43C | 1140 | 35.6 | 25.5 | 14.00 | 12.00 |
| | MX16C | 21.0 | FC/MC48C | 1150 | 35.6 | 25.6 | 14.00 | 12.00 |

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** | | | | | | | | |
| YHJD42S41S4 | AHE48D | 24.5 | – | 1385 | 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 |
| | AV*48 | 24.5 | – | 1385 | 42.0 | 32.6 | 14.50 | 12.00 |
| | AV*60 | 24.5 | – | 1360 | 42.0 | 32.6 | 14.50 | 12.00 |
| | MV16C | 21.0 | FC60C | 1400 | 40.0 | 30.0 | 13.50 | 11.75 |
| | MV20D | 24.5 | FC/MC60D | 1400 | 42.0 | 32.4 | 14.00 | 12.00 |
| | MX16C | 21.0 | FC60C | 1420 | 41.5 | 32.2 | 14.50 | 12.00 |
| | MX20D | 24.5 | FC/MC60D | 1470 | 41.5 | 32.2 | 14.50 | 12.00 |
| YHJD48S41S4 | AHE48D | 24.5 | – | 1635 | 44.0 | 33.2 | 14.00 | 12.00 |
| | AHE60D | 24.5 | – | 1565 | 45.0 | 34.4 | 14.50 | 12.00 |
| | AHR48D | 24.5 | – | 1610 | 43.5 | 32.8 | 13.00 | 11.00 |
| | AHR60D | 24.5 | – | 1620 | 44.0 | 33.8 | 13.25 | 11.35 |
| | AHV48D | 24.5 | – | 1585 | 44.5 | 33.2 | 14.50 | 12.00 |
| | AHV60D | 24.5 | – | 1570 | 44.5 | 34.0 | 14.50 | 12.00 |
| | AV*48 | 24.5 | – | 1625 | 45.0 | 34.4 | 14.50 | 12.00 |
| | AV*60 | 24.5 | – | 1560 | 45.0 | 34.6 | 14.50 | 12.00 |
| | MV16C | 21.0 | FC60C | 1625 | 44.5 | 34.2 | 14.50 | 12.00 |
| | MV20D | 24.5 | FC/MC60D | 1600 | 44.5 | 33.8 | 14.50 | 12.00 |
| | MV20D | 24.5 | FC/MC62D | 1630 | 45.5 | 34.4 | 14.50 | 12.00 |
| | MX16C | 21.0 | FC60C | 1630 | 45.0 | 34.4 | 14.50 | 12.00 |
| | MX20D | 24.5 | FC/MC60D | 1585 | 45.5 | 34.6 | 14.50 | 12.00 |
| | MX20D | 24.5 | FC/MC62D | 1605 | 45.0 | 34.4 | 14.50 | 12.00 |
| YHJD60S41S5 | AHE60D | 24.5 | – | 1950 | 58.0 | 41.50 | 13.00 | 11.00 |
| | AHR60D | 24.5 | – | 1835 | 58.0 | 41.00 | 14.00 | 12.00 |
| | AHV60D | 24.5 | – | 1635 | 57.5 | 39.0 | 13.75 | 11.80 |
| | MV20D | 24.5 | FC/MC62D | 1855 | 58.0 | 41.5 | 13.75 | 11.80 |
| | MV20D | 24.5 | FC64D | 1855 | 57.0 | 43.0 | 13.25 | 11.35 |
| | MX20D | 24.5 | FC/MC62D | 1795 | 58.0 | 41.0 | 14.00 | 12.00 |
| | MX20D | 24.5 | FC64D | 1795 | 57.0 | 42.5 | 13.75 | 12.00 |

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** | | | | | | | | |
| YHJD18S41S2 | FC/MC/PC18 | 14.5,17.5 | 450 - 750 | 600 | 18.0 | 14.0 | 13.00 | 11.00 |
| | FC/MC/PC24 | 14.5,17.5 | 450 - 750 | 600 | 18.0 | 14.0 | 13.50 | 11.00 |
| | FC/MC/PC30 | 14.5,17.5 | 450 - 750 | 600 | 18.0 | 13.7 | 13.00 | 11.00 |
| | UC24 | 14.5,17.5 | 450 - 750 | 600 | 18.0 | 13.8 | 13.05 | 11.00 |
| | UC30 | 14.5,17.5 | 450 - 750 | 600 | 18.0 | 13.8 | 13.05 | 11.00 |
| YHJD24S41S4 | FC/MC/PC32 | 14.5 | 600 - 1000 | 800 | 23.8 | 17.1 | 13.00 | 11.00 |
| | FC/MC/PC35 | 17.5,21.0 | 600 - 1000 | 800 | 23.6 | 17.1 | 13.00 | 11.00 |
| | FC/MC/PC37 | 14.5 | 600 - 1000 | 800 | 24.0 | 17.3 | 13.00 | 11.00 |
| | FC/MC/PC43 | 17.5,21.0 | 600 - 1000 | 800 | 24.0 | 17.3 | 13.00 | 11.00 |
| YHJD30S41S4 | 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 |
| YHJD36S41S4 | 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 |
| YHJD42S41S4 | 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 |
| YHJD48S41S4 | FC/MC/PC60 | 21.0,24.5 | 1400 - 1800 | 1600 | 44.0 | 33.4 | 13.00 | 11.00 |
| | FC/MC62 | 24.5 | 1400 - 1800 | 1600 | 44.5 | 33.8 | 13.00 | 11.00 |
| | UC60 | 21.0,24.5 | 1400 - 1800 | 1600 | 44.0 | 32.8 | 13.00 | 11.00 |
| YHJD60S41S5 | FC/MC62 | 24.5 | 1600 - 2000 | 1800 | 57.5 | 41.0 | 13.25 | 11.35 |
| | FC64 | 24.5 | 1600 - 2000 | 1800 | 56.5 | 42.5 | 13.00 | 11.00 |

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]** | | | | | | | | |
| YHJD18S41S2 | T*(8,L)V*A12 | 14.5 | FC/MC/PC18A | 620 | 18.0 | 12.3 | 14.50 | 12.30 |
| | T*(8,L)V*A12 | 14.5 | FC/MC/PC24A | 640 | 18.0 | 12.7 | 14.80 | 12.50 |
| | T*(8,L)V*A12 | 14.5 | FC/MC/PC30A | 640 | 18.0 | 12.7 | 14.80 | 12.50 |
| | T*(8,L)V*A12 | 14.5 | UC18A | 620 | 18.0 | 12.4 | 14.60 | 12.30 |
| | T*(8,L)V*A12 | 14.5 | UC24A | 640 | 18.0 | 12.8 | 14.80 | 12.50 |
| | T*(8,L)V*A12 | 14.5 | UC30A | 640 | 18.0 | 12.8 | 14.80 | 12.50 |
| | T*(8,L)V*B12 | 14.5 | FC/MC/PC18A | 620 | 18.0 | 12.3 | 14.50 | 12.30 |
| | T*(8,L)V*B12 | 17.5 | FC/MC/PC24B | 575 | 18.0 | 12.2 | 14.90 | 12.60 |
| | T*(8,L)V*B12 | 17.5 | FC/MC/PC30B | 575 | 18.0 | 12.2 | 14.90 | 12.60 |
| | T*(8,L)V*B12 | 17.5 | UC18B | 580 | 18.0 | 12.0 | 14.60 | 12.30 |
| | T*(8,L)V*B12 | 17.5 | UC24B | 575 | 18.0 | 12.3 | 14.90 | 12.60 |
| | T*(8,L)V*B12 | 17.5 | UC30B | 575 | 18.0 | 12.3 | 15.00 | 12.60 |
| | T*(8,L)X*A12 | 14.5 | FC/MC/PC18A | 540 | 18.0 | 14.3 | 14.00 | 12.00 |
| | T*(8,L)X*A12 | 14.5 | FC/MC/PC24A | 595 | 18.0 | 14.9 | 14.00 | 12.00 |
| | T*(8,L)X*A12 | 14.5 | FC/MC/PC30A | 595 | 18.0 | 14.9 | 14.00 | 12.00 |
| | T*(8,L)X*A12 | 14.5 | UC18B | 590 | 18.0 | 13.9 | 14.50 | 12.00 |

For Notes See Page 12.

## 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]** | | | | | | | | |
| YHJD18S41S2 | T*(8,L)X*A12 | 14.5 | UC24B | 570 | 18.0 | 14.1 | 14.50 | 12.00 |
| | T*(8,L)X*A12 | 14.5 | UC30B | 570 | 18.0 | 14.1 | 14.50 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | FC/MC/PC18B | 580 | 18.0 | 14.6 | 14.00 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | FC/MC/PC24B | 620 | 18.0 | 14.9 | 14.00 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | FC/MC/PC30B | 620 | 18.0 | 14.9 | 14.00 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | UC18B | 595 | 18.0 | 13.9 | 14.50 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | UC24B | 575 | 18.0 | 14.2 | 14.50 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | UC30B | 575 | 18.0 | 14.2 | 14.50 | 12.00 |
| | T*9V*A10 | 17.5 | FC/MC/PC18A | 580 | 18.0 | 13.6 | 14.00 | 12.00 |
| | T*9V*A10 | 17.5 | FC/MC/PC24A | 575 | 18.0 | 14.0 | 14.00 | 12.00 |
| | T*9V*A10 | 17.5 | FC/MC/PC30A | 575 | 18.0 | 14.0 | 14.00 | 12.00 |
| | T*9(C,V)*B12 | 17.5 | FC/MC/PC18B | 610 | 18.0 | 12.2 | 14.60 | 12.40 |
| | T*9(C,V)*B12 | 17.5 | FC/MC/PC24B | 610 | 18.0 | 12.7 | 14.90 | 12.60 |
| | T*9(C,V)*B12 | 17.5 | FC/MC/PC30B | 610 | 18.0 | 12.7 | 14.90 | 12.60 |
| | T*9(C,V)*B12 | 17.5 | UC18B | 610 | 18.0 | 12.3 | 14.80 | 12.40 |
| | T*9(C,V)*B12 | 17.5 | UC24B | 610 | 18.0 | 12.8 | 14.90 | 12.60 |
| | T*9(C,V)*B12 | 17.5 | UC30B | 610 | 18.0 | 12.8 | 15.00 | 12.60 |
| | T*9X*A10 | 14.5 | FC/MC/PC18A | 575 | 18.3 | 13.7 | 14.00 | 12.00 |
| | T*9X*A10 | 14.5 | FC/MC/PC24A | 595 | 18.7 | 14.1 | 14.00 | 12.00 |
| | T*9X*A10 | 14.5 | FC/MC/PC30A | 595 | 18.7 | 14.1 | 14.00 | 12.00 |
| | T*9X*B12 | 17.5 | FC/MC/PC18B | 590 | 18.0 | 14.7 | 14.00 | 12.00 |
| | T*9X*B12 | 17.5 | FC/MC/PC24B | 615 | 18.0 | 14.9 | 14.00 | 12.00 |
| | T*9X*B12 | 17.5 | FC/MC/PC30B | 615 | 18.0 | 14.9 | 14.00 | 12.00 |
| | T*9X*B12 | 17.5 | UC18B | 17 | 590.0 | 18.5 | 13.90 | 14.50 |
| | T*9X*B12 | 17.5 | UC24B | 17 | 615.0 | 18.9 | 14.20 | 14.50 |
| | T*9X*B12 | 17.5 | UC30B | 17 | 615.0 | 18.9 | 14.20 | 14.50 |
| | Y*(8,L)C*A12 | 14.5 | FC/MC/PC18A | 620 | 18.0 | 12.3 | 14.50 | 12.30 |
| | Y*(8,L)C*A12 | 14.5 | FC/MC/PC24A | 640 | 18.0 | 12.7 | 14.80 | 12.50 |
| | Y*(8,L)C*A12 | 14.5 | FC/MC/PC30A | 640 | 18.0 | 12.7 | 14.80 | 12.50 |
| | Y*(8,L)C*A12 | 14.5 | UC18A | 620 | 18.0 | 12.4 | 14.60 | 12.30 |
| | Y*(8,L)C*A12 | 14.5 | UC24A | 640 | 18.0 | 12.8 | 14.80 | 12.50 |
| | Y*(8,L)C*A12 | 14.5 | UC30A | 640 | 18.0 | 12.8 | 14.80 | 12.50 |
| | Y*(8,L)C*B12 | 14.5 | FC/MC/PC18A | 620 | 18.0 | 12.3 | 14.50 | 12.30 |
| | Y*(8,L)C*B12 | 17.5 | FC/MC/PC24B | 575 | 18.0 | 12.2 | 14.90 | 12.60 |
| | Y*(8,L)C*B12 | 17.5 | FC/MC/PC30B | 575 | 18.0 | 12.2 | 14.90 | 12.60 |
| | Y*(8,L)C*B12 | 17.5 | UC18B | 580 | 18.0 | 12.0 | 14.60 | 12.30 |
| | Y*(8,L)C*B12 | 17.5 | UC24B | 575 | 18.0 | 12.3 | 14.90 | 12.60 |
| | Y*(8,L)C*B12 | 17.5 | UC30B | 575 | 18.0 | 12.3 | 15.00 | 12.60 |
| | Y*9C*B12 | 17.5 | FC/MC/PC18B | 610 | 18.0 | 12.2 | 14.60 | 12.40 |
| | Y*9C*B12 | 17.5 | FC/MC/PC24B | 610 | 18.0 | 12.7 | 14.90 | 12.60 |
| | Y*9C*B12 | 17.5 | FC/MC/PC30B | 610 | 18.0 | 12.7 | 14.90 | 12.60 |
| | Y*9C*B12 | 17.5 | UC18B | 610 | 18.0 | 12.3 | 14.80 | 12.40 |
| | Y*9C*B12 | 17.5 | UC24B | 610 | 18.0 | 12.8 | 14.90 | 12.60 |
| | Y*9C*B12 | 17.5 | UC30B | 610 | 18.0 | 12.8 | 15.00 | 12.60 |

For Notes See Page 12.

## 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]** | | | | | | | | |
| YHJD24S41S4 | T*(8,L)V*A12 | 14.5 | FC/MC/PC32A | 775 | 24.0 | 17.2 | 14.00 | 12.00 |
| | T*(8,L)V*A12 | 14.5 | FC/MC/PC37A | 805 | 24.0 | 17.3 | 14.50 | 12.00 |
| | T*(8,L)V*B12 | 17.5 | FC/MC/PC35B | 760 | 24.0 | 17.2 | 14.00 | 12.00 |
| | T*(8,L)V*B12 | 17.5 | FC/MC/PC43B | 760 | 24.0 | 17.2 | 14.00 | 12.00 |
| | T*(8,L)V*C16 | 21.0 | FC/MC/PC35C | 855 | 24.0 | 17.6 | 14.50 | 12.00 |
| | T*(8,L)V*C16 | 21.0 | FC/MC/PC43C | 895 | 24.0 | 18.1 | 14.50 | 12.00 |
| | T*(8,L)V*C20 | 21.0 | FC/MC/PC35C | 740 | 24.0 | 17.0 | 14.50 | 12.00 |
| | T*(8,L)V*C20 | 21.0 | FC/MC/PC43C | 760 | 24.0 | 17.2 | 14.50 | 12.00 |
| | T*(8,L)X*A12 | 14.5 | FC/MC/PC32A | 800 | 24.0 | 17.5 | 14.50 | 12.00 |
| | T*(8,L)X*A12 | 14.5 | FC/MC/PC37A | 840 | 24.0 | 17.8 | 14.50 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | FC/MC/PC35B | 850 | 24.0 | 17.6 | 14.50 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | FC/MC/PC43B | 865 | 24.0 | 18.0 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | FC/MC/PC35C | 865 | 24.0 | 17.6 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | FC/MC/PC43C | 855 | 24.0 | 17.9 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | FC/MC/PC35C | 885 | 24.0 | 17.6 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | FC/MC/PC43C | 815 | 24.0 | 17.3 | 14.50 | 12.00 |
| | T*9V*A10 | 14.5 | FC/MC/PC32A | 785 | 24.0 | 18.0 | 13.75 | 12.00 |
| | T*9V*A10 | 14.5 | FC/MC/PC37A | 790 | 24.0 | 18.4 | 13.85 | 12.00 |
| | T*9(C,V)*B12 | 17.5 | FC/MC/PC35B | 815 | 24.0 | 17.6 | 14.00 | 12.00 |
| | T*9(C,V)*B12 | 17.5 | FC/MC/PC43B | 800 | 24.0 | 17.3 | 14.50 | 12.00 |
| | T*9(C,V)*C16 | 21.0 | FC/MC/PC35C | 900 | 24.0 | 18.1 | 14.50 | 12.00 |
| | T*9(C,V)*C16 | 21.0 | FC/MC/PC43C | 810 | 24.0 | 17.3 | 14.50 | 12.00 |
| | T*9(C,V)*C20 | 21.0 | FC/MC/PC35C | 755 | 24.0 | 17.2 | 14.50 | 12.00 |
| | T*9(C,V)*C20 | 21.0 | FC/MC/PC43C | 890 | 24.0 | 18.1 | 14.50 | 12.00 |
| | T*9X*A10 | 14.5 | FC/MC/PC32A | 745 | 24.0 | 17.6 | 13.75 | 12.00 |
| | T*9X*A10 | 14.5 | FC/MC/PC37A | 740 | 24.0 | 17.7 | 14.00 | 12.00 |
| | T*9X*B12 | 17.5 | FC/MC/PC35B | 785 | 24.0 | 17.4 | 14.50 | 12.00 |
| | T*9X*B12 | 17.5 | FC/MC/PC43B | 800 | 24.0 | 17.3 | 14.50 | 12.00 |
| | T*9X*C16 | 21.0 | FC/MC/PC35C | 765 | 24.0 | 17.3 | 14.50 | 12.00 |
| | T*9X*C16 | 21.0 | FC/MC/PC43C | 785 | 24.0 | 17.3 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | FC/MC/PC35C | 825 | 24.0 | 17.6 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | FC/MC/PC43C | 790 | 24.0 | 17.3 | 14.50 | 12.00 |
| | Y*(8,L)C*A12 | 14.5 | FC/MC/PC32A | 775 | 24.0 | 17.2 | 14.00 | 12.00 |
| | Y*(8,L)C*A12 | 14.5 | FC/MC/PC37A | 805 | 24.0 | 17.3 | 14.50 | 12.00 |
| | Y*(8,L)C*B12 | 17.5 | FC/MC/PC35B | 760 | 24.0 | 17.2 | 14.00 | 12.00 |
| | Y*(8,L)C*B12 | 17.5 | FC/MC/PC43B | 760 | 24.0 | 17.2 | 14.00 | 12.00 |
| | Y*(8,L)C*C16 | 21.0 | FC/MC/PC35C | 855 | 24.0 | 17.6 | 14.50 | 12.00 |
| | Y*(8,L)C*C16 | 21.0 | FC/MC/PC43C | 895 | 24.0 | 18.1 | 14.50 | 12.00 |
| | Y*(8,L)C*C20 | 21.0 | FC/MC/PC35C | 740 | 24.0 | 17.0 | 14.50 | 12.00 |
| | Y*(8,L)C*C20 | 21.0 | FC/MC/PC43C | 760 | 24.0 | 17.2 | 14.50 | 12.00 |
| | Y*9C*B12 | 17.5 | FC/MC/PC35B | 815 | 24.0 | 17.6 | 14.00 | 12.00 |
| | Y*9C*B12 | 17.5 | FC/MC/PC43B | 800 | 24.0 | 17.3 | 14.50 | 12.00 |
| | Y*9C*C16 | 21.0 | FC/MC/PC35C | 900 | 24.0 | 18.1 | 14.50 | 12.00 |
| | Y*9C*C16 | 21.0 | FC/MC/PC43C | 810 | 24.0 | 17.3 | 14.50 | 12.00 |
| | Y*9C*C20 | 21.0 | FC/MC/PC35C | 755 | 24.0 | 17.2 | 14.50 | 12.00 |
| | Y*9C*C20 | 21.0 | FC/MC/PC43C | 890 | 24.0 | 18.1 | 14.50 | 12.00 |

For Notes See Page 12.

## 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]** | | | | | | | | |
| YHJD30S41S4 | 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*(8,L)X*A12 | 14.5 | FC/MC/PC32A | 970 | 30.0 | 22.0 | 14.00 | 12.00 |
| | T*(8,L)X*A12 | 14.5 | FC/MC/PC37A | 1105 | 30.0 | 23.2 | 14.50 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | FC/MC/PC35B | 1120 | 30.0 | 23.2 | 14.50 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | FC/MC/PC43B | 1125 | 30.0 | 23.4 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | FC/MC/PC35C | 1105 | 30.0 | 23.2 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | FC/MC/PC43C | 955 | 30.0 | 22.2 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | FC/MC/PC35C | 850 | 29.8 | 21.4 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | FC/MC/PC43C | 870 | 30.0 | 21.6 | 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 |
| | T*9X*B12 | 17.5 | FC/MC/PC35B | 1085 | 30.0 | 23.0 | 14.50 | 12.00 |
| | T*9X*B12 | 17.5 | FC/MC/PC43B | 1095 | 30.0 | 23.2 | 14.50 | 12.00 |
| | T*9X*C16 | 21.0 | FC/MC/PC35C | 1075 | 30.0 | 23.0 | 14.50 | 12.00 |
| | T*9X*C16 | 21.0 | FC/MC/PC43C | 1055 | 30.0 | 22.8 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | FC/MC/PC35C | 835 | 29.8 | 21.2 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | FC/MC/PC43C | 720 | 29.2 | 19.9 | 14.50 | 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 |
| YHJD36S41S4 | 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 |

For Notes See Page 12.

## 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]** | | | | | | | | |
| YHJD36S41S4 | 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*(8,L)X*A12 | 14.5 | FC/MC/PC37A | 1290 | 36.0 | 27.6 | 14.50 | 12.00 |
| | T*(8,L)X*B12 | 17.5 | FC/MC/PC43B | 1300 | 36.0 | 27.6 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | FC/MC/PC43C | 1175 | 36.0 | 26.8 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | FC/MC/PC48C | 1185 | 36.0 | 26.6 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | UC48C | 1185 | 36.0 | 26.8 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | FC/MC/PC43C | 1250 | 36.0 | 27.4 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | FC/MC/PC48C | 1270 | 36.0 | 27.2 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | UC48C | 1270 | 36.0 | 27.4 | 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 |
| | T*9X*B12 | 17.5 | FC/MC/PC43B | 1270 | 36.0 | 27.4 | 14.50 | 12.00 |
| | T*9X*C16 | 21.0 | FC/MC/PC43C | 1260 | 36.0 | 27.4 | 14.50 | 12.00 |
| | T*9X*C16 | 21.0 | FC/MC/PC48C | 1280 | 36.0 | 27.2 | 14.50 | 12.00 |
| | T*9X*C16 | 21.0 | UC48C | 1280 | 36.0 | 27.4 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | FC/MC/PC43C | 1185 | 36.0 | 26.8 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | FC/MC/PC48C | 1205 | 36.0 | 26.6 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | UC48C | 1205 | 36.0 | 26.8 | 14.50 | 12.00 |
| | T*9X*D20 | 24.5 | FC/MC/PC48D | 1240 | 36.0 | 26.6 | 14.50 | 12.00 |
| | T*9X*D20 | 24.5 | UC48D | 1240 | 36.0 | 26.8 | 14.50 | 12.00 |
| | 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 12.

## 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]** | | | | | | | | |
| YHJD42S41S4 | 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/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*(8,L)X*C16 | 21.0 | FC/PC60C | 1360 | 42.0 | 32.6 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | UC60C | 1400 | 41.5 | 31.6 | 14.00 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | FC/PC60C | 1485 | 42.0 | 33.4 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | UC60C | 1485 | 41.5 | 32.8 | 14.00 | 12.00 |
| | 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/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/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 |
| | T*9X*C16 | 21.0 | FC/PC60C | 1460 | 42.0 | 33.2 | 14.00 | 12.00 |
| | T*9X*C16 | 21.0 | UC60C | 1460 | 41.0 | 31.4 | 13.75 | 11.50 |
| | T*9X*C20 | 21.0 | FC/PC60C | 1460 | 42.0 | 33.2 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | UC60C | 1460 | 41.5 | 31.6 | 14.00 | 12.00 |
| | T*9X*D20 | 24.5 | FC/MC/PC60D | 1515 | 42.0 | 33.6 | 14.50 | 12.00 |
| | T*9X*D20 | 24.5 | UC60D | 1515 | 42.0 | 33.2 | 14.50 | 12.00 |
| | 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/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/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/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/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 |
| YHJD48S41S4 | T*(8,L)V*C16 | 21.0 | FC/MC62D | 1635 | 45.0 | 34.2 | 14.50 | 12.00 |
| | T*(8,L)V*C16 | 21.0 | FC/PC60C | 1600 | 44.5 | 33.6 | 14.00 | 12.00 |
| | T*(8,L)V*C16 | 21.0 | UC60C | 1625 | 44.0 | 33.0 | 14.00 | 12.00 |
| | T*(8,L)V*C20 | 21.0 | FC/MC62D | 1615 | 45.0 | 34.2 | 14.50 | 12.00 |
| | T*(8,L)V*C20 | 21.0 | FC/PC60C | 1620 | 44.5 | 33.8 | 14.00 | 12.00 |
| | T*(8,L)V*C20 | 21.0 | UC60C | 1605 | 44.5 | 33.2 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | FC/MC62D | 1610 | 45.0 | 34.2 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | FC/PC60C | 1605 | 44.5 | 33.8 | 14.50 | 12.00 |
| | T*(8,L)X*C16 | 21.0 | UC60C | 1605 | 44.5 | 33.2 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | FC/MC62D | 1665 | 45.5 | 34.4 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | FC/PC60C | 1595 | 44.5 | 34.0 | 14.50 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | UC60C | 1540 | 45.0 | 33.6 | 14.50 | 12.00 |
| | T*9(C,V)*C16 | 21.0 | FC/MC62D | 1590 | 45.0 | 34.0 | 14.00 | 12.00 |
| | T*9(C,V)*C16 | 21.0 | FC/PC60C | 1590 | 44.0 | 33.6 | 14.00 | 12.00 |
| | T*9(C,V)*C16 | 21.0 | UC60C | 1590 | 44.0 | 33.0 | 14.00 | 12.00 |
| | T*9(C,V)*C20 | 21.0 | FC/MC62D | 1655 | 44.5 | 33.8 | 14.00 | 12.00 |
| | T*9(C,V)*C20 | 21.0 | FC/PC60C | 1645 | 44.0 | 33.6 | 14.00 | 12.00 |
| | T*9(C,V)*C20 | 21.0 | UC60C | 1645 | 44.0 | 33.0 | 13.75 | 11.50 |

For Notes See Page 12.

## 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]** | | | | | | | | |
| YHJD48S41S4 | T*9(C,V)*D20 | 24.5 | FC/MC/PC60D | 1615 | 44.5 | 33.6 | 14.00 | 12.00 |
| | T*9(C,V)*D20 | 24.5 | FC/MC62D | 1630 | 45.0 | 34.0 | 14.00 | 12.00 |
| | T*9(C,V)*D20 | 24.5 | UC60D | 1615 | 44.0 | 33.0 | 14.00 | 12.00 |
| | T*9X*C16 | 21.0 | FC/MC62D | 1550 | 45.0 | 34.2 | 14.50 | 12.00 |
| | T*9X*C16 | 21.0 | FC/PC60C | 1575 | 44.5 | 33.8 | 14.50 | 12.00 |
| | T*9X*C16 | 21.0 | UC60C | 1575 | 44.5 | 33.2 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | FC/MC62D | 1595 | 45.0 | 34.2 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | FC/PC60C | 1625 | 44.5 | 34.0 | 14.50 | 12.00 |
| | T*9X*C20 | 21.0 | UC60C | 1625 | 44.5 | 33.2 | 14.50 | 12.00 |
| | T*9X*D20 | 24.5 | FC/MC/PC60D | 1490 | 45.5 | 33.6 | 14.50 | 12.00 |
| | T*9X*D20 | 24.5 | FC/MC62D | 1610 | 45.0 | 34.2 | 14.50 | 12.00 |
| | T*9X*D20 | 24.5 | UC60D | 1490 | 44.5 | 32.8 | 14.50 | 12.00 |
| | Y*(8,L)C*C16 | 21.0 | FC/MC62D | 1635 | 45.0 | 34.2 | 14.50 | 12.00 |
| | Y*(8,L)C*C16 | 21.0 | FC/PC60C | 1600 | 44.5 | 33.6 | 14.00 | 12.00 |
| | Y*(8,L)C*C16 | 21.0 | UC60C | 1625 | 44.0 | 33.0 | 14.00 | 12.00 |
| | Y*(8,L)C*C20 | 21.0 | FC/MC62D | 1615 | 45.0 | 34.2 | 14.50 | 12.00 |
| | Y*(8,L)C*C20 | 21.0 | FC/PC60C | 1620 | 44.5 | 33.8 | 14.00 | 12.00 |
| | Y*(8,L)C*C20 | 21.0 | UC60C | 1605 | 44.5 | 33.2 | 14.50 | 12.00 |
| | Y*9C*C16 | 21.0 | FC/MC62D | 1590 | 45.0 | 34.0 | 14.00 | 12.00 |
| | Y*9C*C16 | 21.0 | FC/PC60C | 1590 | 44.0 | 33.6 | 14.00 | 12.00 |
| | Y*9C*C16 | 21.0 | UC60C | 1590 | 44.0 | 33.0 | 14.00 | 12.00 |
| | Y*9C*C20 | 21.0 | FC/MC62D | 1655 | 44.5 | 33.8 | 14.00 | 12.00 |
| | Y*9C*C20 | 21.0 | FC/PC60C | 1645 | 44.0 | 33.6 | 14.00 | 12.00 |
| | Y*9C*C20 | 21.0 | UC60C | 1645 | 44.0 | 33.0 | 13.75 | 11.50 |
| | Y*9C*D20 | 24.5 | FC/MC/PC60D | 1615 | 44.5 | 33.6 | 14.00 | 12.00 |
| | Y*9C*D20 | 24.5 | FC/MC62D | 1630 | 45.0 | 34.0 | 14.00 | 12.00 |
| | Y*9C*D20 | 24.5 | UC60D | 1615 | 44.0 | 33.0 | 14.00 | 12.00 |
| YHJD60S41S5 | T*(8,L)V*C20 | 21.0 | FC/MC62D | 1600 | 57.0 | 39.5 | 13.70 | 11.60 |
| | T*(8,L)V*C20 | 21.0 | FC64D | 1855 | 57.0 | 42.5 | 13.25 | 11.40 |
| | T*(8,L)X*C20 | 21.0 | FC/MC62D | 1665 | 57.5 | 40.0 | 14.00 | 12.00 |
| | T*(8,L)X*C20 | 21.0 | FC64D | 1665 | 56.0 | 41.0 | 13.75 | 11.60 |
| | T*9(C,V)*C20 | 21.0 | FC/MC62D | 1655 | 57.0 | 39.5 | 13.50 | 11.60 |
| | T*9(C,V)*C20 | 21.0 | FC64D | 1630 | 55.5 | 40.5 | 13.25 | 11.40 |
| | T*9(C,V)*D20 | 24.5 | FC/MC62D | 1630 | 57.5 | 39.5 | 13.70 | 11.60 |
| | T*9(C,V)*D20 | 24.5 | FC64D | 1630 | 55.5 | 40.0 | 13.25 | 11.40 |
| | T*9X*C20 | 21.0 | FC/MC62D | 1595 | 57.5 | 40.0 | 14.00 | 12.00 |
| | T*9X*C20 | 21.0 | FC64D | 1595 | 55.5 | 40.0 | 13.50 | 11.40 |
| | T*9X*D20 | 24.5 | FC/MC62D | 1645 | 57.5 | 40.0 | 14.00 | 12.00 |
| | T*9X*D20 | 24.5 | FC64D | 1645 | 56.0 | 40.5 | 13.50 | 11.40 |
| | Y*(8,L)C*C20 | 21.0 | FC/MC62D | 1600 | 57.0 | 39.5 | 13.70 | 11.60 |
| | Y*(8,L)C*C20 | 21.0 | FC64D | 1855 | 57.0 | 42.5 | 13.25 | 11.40 |
| | Y*9C*C20 | 21.0 | FC/MC62D | 1655 | 57.0 | 39.5 | 13.50 | 11.60 |
| | Y*9C*C20 | 21.0 | FC64D | 1655 | 55.5 | 40.5 | 13.20 | 11.30 |
| | Y*9C*D20 | 24.5 | FC/MC62D | 1630 | 57.5 | 39.5 | 13.70 | 11.60 |
| | Y*9C*D20 | 24.5 | FC64D | 1630 | 55.5 | 40.0 | 13.25 | 11.40 |

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** | | | | | | | | | |
| YHJD18S41S2 | AHE18B | – | 18.0 | 3.70 | 1.43 | 11.1 | 2.28 | 1.43 | 7.70 |
| | AHR18B | – | 18.0 | 3.54 | 1.49 | 11.4 | 2.22 | 1.50 | 7.70 |
| | AHV18B | – | 18.0 | 3.50 | 1.51 | 11.1 | 2.22 | 1.46 | 8.00 |
| | AV*24 | – | 18.0 | 3.66 | 1.36 | 9.9 | 2.78 | 1.06 | 8.20 |
| | MV12B | FC/MC18B | 18.0 | 3.58 | 1.39 | 8.6 | 2.52 | 1.24 | 7.95 |
| | MV12B | FC/MC24B | 18.0 | 3.62 | 1.36 | 10.6 | 2.88 | 1.03 | 8.10 |
| | MV12B | FC/MC30B | 18.0 | 3.62 | 1.36 | 10.6 | 2.88 | 1.03 | 8.10 |
| | MX12B | FC/MC18B | 18.0 | 3.70 | 1.43 | 11.0 | 2.28 | 1.41 | 8.20 |
| | MX12B | FC/MC24B | 18.0 | 3.98 | 1.33 | 10.9 | 2.46 | 1.30 | 8.20 |
| | MX12B | FC/MC30B | 18.0 | 3.98 | 1.33 | 10.9 | 2.46 | 1.30 | 8.20 |
| YHJD24S41S4 | AHE24B | – | 23.4 | 3.58 | 1.92 | 13.3 | 2.50 | 1.56 | 8.20 |
| | AHE30B | – | 23.4 | 3.58 | 1.92 | 13.3 | 2.50 | 1.56 | 8.20 |
| | AHR24B | – | 23.4 | 3.40 | 2.02 | 13.5 | 2.40 | 1.65 | 7.70 |
| | AHV24B | – | 22.6 | 3.46 | 1.91 | 13.2 | 2.50 | 1.55 | 8.00 |
| | AHV30B | – | 23.0 | 3.52 | 1.91 | 13.3 | 2.50 | 1.56 | 8.20 |
| | AHV36C | – | 23.4 | 3.64 | 1.88 | 13.3 | 2.56 | 1.52 | 8.20 |
| | AV*36 | – | 23.2 | 3.64 | 1.87 | 13.3 | 2.62 | 1.49 | 8.20 |
| | MV12B | FC/MC35B | 23.2 | 3.56 | 1.91 | 13.3 | 2.54 | 1.53 | 8.20 |
| | MV12B | FC/MC43B | 23.8 | 3.66 | 1.91 | 13.5 | 2.60 | 1.52 | 8.20 |
| | MX12B | FC/MC35B | 23.2 | 3.64 | 1.87 | 13.0 | 2.56 | 1.49 | 8.20 |
| | MX12B | FC/MC43B | 23.2 | 3.62 | 1.88 | 13.0 | 2.54 | 1.50 | 8.20 |
| YHJD30S41S4 | 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 |
| | AV*36 | – | 27.2 | 3.66 | 2.18 | 15.4 | 2.54 | 1.78 | 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 |
| | MX12B | FC/MC35B | 26.8 | 3.46 | 2.27 | 15.5 | 2.44 | 1.86 | 7.70 |
| | MX12B | FC/MC43B | 27.2 | 3.56 | 2.24 | 15.6 | 2.48 | 1.84 | 7.70 |
| | MX16C | FC/MC35C | 26.4 | 3.56 | 2.17 | 15.2 | 2.52 | 1.77 | 7.70 |
| | MX16C | FC/MC43C | 26.4 | 3.56 | 2.17 | 15.2 | 2.50 | 1.78 | 7.70 |
| YHJD36S41S4 | AHE36C | – | 30.6 | 3.44 | 2.61 | 21.6 | 2.84 | 2.23 | 8.20 |
| | AHE42D | – | 30.6 | 3.48 | 2.93 | 21.4 | 2.88 | 2.42 | 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 |
| | AV*36 | – | 33.8 | 3.60 | 2.75 | 21.8 | 2.80 | 2.28 | 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 |
| | MX12B | FC/MC43B | 30.8 | 3.38 | 2.67 | 21.8 | 2.78 | 2.30 | 7.70 |
| | MX12D | FC/MC48D | 30.8 | 3.48 | 2.59 | 21.6 | 2.84 | 2.23 | 8.20 |
| | MX16C | FC/MC43C | 30.2 | 3.44 | 2.57 | 21.0 | 2.84 | 2.17 | 7.70 |
| | MX16C | FC/MC48C | 30.2 | 3.48 | 2.54 | 21.4 | 2.88 | 2.18 | 7.70 |

For Notes See Page 14.

## 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** | | | | | | | | | |
| YHJD42S41S4 | AHE48D | – | 39.0 | 3.90 | 3.00 | 21.8 | 2.64 | 2.52 | 8.20 |
| | 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 |
| | AV*48 | – | 39.5 | 3.96 | 2.92 | 22.2 | 2.68 | 2.43 | 8.20 |
| | AV*60 | – | 39.5 | 3.98 | 2.91 | 22.2 | 2.70 | 2.41 | 8.20 |
| | MV16C | FC60C | 40.0 | 3.86 | 3.04 | 21.4 | 2.50 | 2.51 | 8.20 |
| | MV20D | FC/MC60D | 39.5 | 3.94 | 2.94 | 22.2 | 2.66 | 2.45 | 8.20 |
| | MX16C | FC60C | 40.0 | 4.08 | 2.87 | 22.0 | 2.66 | 2.42 | 8.20 |
| | MX20D | FC/MC60D | 40.0 | 4.10 | 2.86 | 21.8 | 2.68 | 2.38 | 8.20 |
| YHJD48S41S4 | AHE48D | – | 45.5 | 3.68 | 3.62 | 26.8 | 2.84 | 2.76 | 8.20 |
| | AHE60D | – | 44.5 | 3.72 | 3.50 | 26.4 | 2.90 | 2.67 | 8.20 |
| | AHR48D | – | 46.0 | 3.56 | 3.79 | 27.4 | 2.74 | 2.93 | 7.70 |
| | AHR60D | – | 45.5 | 3.52 | 3.79 | 27.2 | 2.74 | 2.91 | 7.75 |
| | AHV48D | – | 44.5 | 3.56 | 3.66 | 26.4 | 2.78 | 2.78 | 8.20 |
| | AHV60D | – | 45.0 | 3.62 | 3.64 | 26.8 | 2.82 | 2.78 | 8.20 |
| | AV*48 | – | 46.0 | 3.78 | 3.57 | 26.8 | 2.90 | 2.71 | 8.20 |
| | AV*60 | – | 45.5 | 3.80 | 3.51 | 26.8 | 2.94 | 2.67 | 8.20 |
| | MV16C | FC60C | 45.0 | 3.70 | 3.56 | 26.6 | 2.90 | 2.69 | 8.20 |
| | MV20D | FC/MC60D | 45.5 | 3.72 | 3.58 | 27.0 | 2.86 | 2.77 | 8.20 |
| | MV20D | FC/MC62D | 45.0 | 3.72 | 3.54 | 26.6 | 2.90 | 2.69 | 8.20 |
| | MX16C | FC60C | 45.0 | 3.80 | 3.47 | 26.2 | 2.96 | 2.59 | 8.20 |
| | MX20D | FC/MC60D | 45.5 | 3.84 | 3.47 | 26.6 | 2.94 | 2.65 | 8.20 |
| | MX20D | FC/MC62D | 45.5 | 3.80 | 3.51 | 26.4 | 2.94 | 2.63 | 8.20 |
| YHJD60S41S5 | AHE60D | – | 58.0 | 3.54 | 5.01 | 39.0 | 2.76 | 4.14 | 8.20 |
| | AHR60D | – | 58.0 | 3.44 | 5.28 | 40.0 | 2.68 | 4.37 | 8.15 |
| | AHV60D | – | 58.0 | 3.42 | 5.18 | 39.0 | 2.68 | 4.26 | 8.15 |
| | MV20D | FC/MC62D | 58.0 | 3.52 | 5.08 | 39.0 | 2.72 | 4.20 | 8.20 |
| | MV20D | FC64D | 58.0 | 3.40 | 5.34 | 40.5 | 2.80 | 4.24 | 8.10 |
| | MX20D | FC/MC62D | 58.0 | 3.58 | 4.95 | 38.5 | 2.76 | 4.09 | 8.20 |
| | MX20D | FC64D | 58.0 | 3.44 | 5.20 | 40.0 | 2.86 | 4.10 | 8.15 |

1. Rated CFM same as for cooling.
2. Heating MBH based on AHRI 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.

MA Modular Air Handlers use Coil Only Ratings.

— = Not Applicable.

## 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** | | | | | | | | |
| YHJD18S41S2 | FC/MC/PC18 | 18.0 | 3.36 | 1.50 | 12.7 | 2.16 | 1.24 | 8.20 |
| | FC/MC/PC24 | 18.0 | 3.36 | 1.45 | 10.4 | 2.60 | 1.17 | 8.20 |
| | FC/MC/PC30 | 18.0 | 3.42 | 1.54 | 11.4 | 2.18 | 1.53 | 7.75 |
| | UC24 | 18.0 | 3.42 | 1.54 | 11.4 | 2.20 | 1.52 | 7.75 |
| | UC30 | 18.0 | 3.42 | 1.54 | 11.4 | 2.20 | 1.52 | 7.75 |
| YHJD24S41S4 | FC/MC/PC32 | 24.0 | 3.36 | 2.09 | 13.9 | 2.38 | 1.71 | 7.70 |
| | FC/MC/PC35 | 23.8 | 3.32 | 2.10 | 13.9 | 2.36 | 1.73 | 7.70 |
| | FC/MC/PC37 | 24.0 | 3.44 | 2.04 | 14.1 | 2.42 | 1.71 | 7.70 |
| | FC/MC/PC43 | 24.0 | 3.44 | 2.04 | 14.1 | 2.42 | 1.71 | 7.70 |
| YHJD30S41S4 | 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 |
| YHJD36S41S4 | FC/MC/PC37 | 34.4 | 3.42 | 2.95 | 22.4 | 2.62 | 2.51 | 7.70 |
| | FC/MC/PC43 | 34.6 | 3.40 | 2.98 | 22.2 | 2.60 | 2.50 | 7.70 |
| | FC/MC/PC48 | 34.8 | 3.44 | 2.96 | 22.6 | 2.64 | 2.51 | 7.70 |
| | UC48 | 35.0 | 3.52 | 2.91 | 22.4 | 2.62 | 2.51 | 7.70 |
| YHJD42S41S4 | 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 |
| YHJD48S41S4 | FC/MC/PC60 | 46.0 | 3.58 | 3.76 | 27.4 | 2.76 | 2.91 | 7.70 |
| | FC/MC62 | 46.0 | 3.54 | 3.81 | 27.4 | 2.76 | 2.91 | 7.70 |
| | UC60 | 46.0 | 3.56 | 3.79 | 27.4 | 2.74 | 2.93 | 7.70 |
| YHJD60S41S5 | FC/MC62 | 58.0 | 3.44 | 5.24 | 39.5 | 2.66 | 4.35 | 7.80 |
| | FC64 | 58.0 | 3.36 | 5.49 | 40.5 | 2.76 | 4.30 | 7.80 |

1. Rated CFM same as for cooling.
2. Heating MBH based on AHRI 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.

MA Modular Air Handlers use Coil Only Ratings.

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

— = Not Applicable.

## HEATING CAPACITY - With High Efficiency Motor Furnaces

| MODEL | 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] | | | | | | | | | |
| YHJD18S41S2 | T*(8,L)V*A12 | FC/MC/PC18A | 18.0 | 3.58 | 1.37 | 7.7 | 2.28 | 0.99 | 8.00 |
| | T*(8,L)V*A12 | FC/MC/PC24A | 18.0 | 3.70 | 1.36 | 10.6 | 2.90 | 1.07 | 8.30 |
| | T*(8,L)V*A12 | FC/MC/PC30A | 18.0 | 3.70 | 1.36 | 10.6 | 2.90 | 1.07 | 8.30 |
| | T*(8,L)V*A12 | UC18A | 18.0 | 3.62 | 1.37 | 9.1 | 2.58 | 1.03 | 8.10 |
| | T*(8,L)V*A12 | UC24A | 18.0 | 3.72 | 1.36 | 10.7 | 2.94 | 1.07 | 8.30 |
| | T*(8,L)V*A12 | UC30A | 18.0 | 3.72 | 1.36 | 10.7 | 2.94 | 1.07 | 8.30 |
| | T*(8,L)V*B12 | FC/MC/PC18B | 18.0 | 3.56 | 1.37 | 7.7 | 2.30 | 0.98 | 7.90 |
| | T*(8,L)V*B12 | FC/MC/PC24B | 18.0 | 3.68 | 1.34 | 10.1 | 2.88 | 1.03 | 8.20 |
| | T*(8,L)V*B12 | FC/MC/PC30B | 18.0 | 3.68 | 1.34 | 10.1 | 2.88 | 1.03 | 8.20 |
| | T*(8,L)V*B12 | UC18B | 18.0 | 3.60 | 1.36 | 9.7 | 2.74 | 1.04 | 8.00 |
| | T*(8,L)V*B12 | UC24B | 18.0 | 3.70 | 1.34 | 10.5 | 2.96 | 1.04 | 8.20 |
| | T*(8,L)V*B12 | UC30B | 18.0 | 3.70 | 1.34 | 10.4 | 2.96 | 1.03 | 8.20 |
| | T*(8,L)X*A12 | FC/MC/PC18A | 18.0 | 2.92 | 1.81 | 11.1 | 2.24 | 1.45 | 8.10 |
| | T*(8,L)X*A12 | FC/MC/PC24A | 18.0 | 3.16 | 1.67 | 10.9 | 2.44 | 1.31 | 8.20 |
| | T*(8,L)X*A12 | FC/MC/PC30A | 18.0 | 3.16 | 1.67 | 10.9 | 2.44 | 1.31 | 8.20 |
| | T*(8,L)X*A12 | UC18B | 18.0 | 3.60 | 1.55 | 11.1 | 2.26 | 1.44 | 8.20 |
| | T*(8,L)X*A12 | UC24B | 18.0 | 3.68 | 1.50 | 11.1 | 2.02 | 1.61 | 8.15 |
| | T*(8,L)X*A12 | UC30B | 18.0 | 3.68 | 1.50 | 11.1 | 2.02 | 1.61 | 8.15 |
| | T*(8,L)X*B12 | FC/MC/PC18B | 18.0 | 3.00 | 1.76 | 11.0 | 2.28 | 1.41 | 8.15 |
| | T*(8,L)X*B12 | FC/MC/PC24B | 18.0 | 3.16 | 1.67 | 10.9 | 2.44 | 1.31 | 8.20 |
| | T*(8,L)X*B12 | FC/MC/PC30B | 18.0 | 3.16 | 1.67 | 10.9 | 2.44 | 1.31 | 8.20 |
| | T*(8,L)X*B12 | UC18B | 18.0 | 3.58 | 1.56 | 11.1 | 2.24 | 1.45 | 8.20 |
| | T*(8,L)X*B12 | UC24B | 18.0 | 3.66 | 1.52 | 11.0 | 2.34 | 1.38 | 8.10 |
| | T*(8,L)X*B12 | UC30B | 18.0 | 3.66 | 1.52 | 11.0 | 2.34 | 1.38 | 8.10 |
| | T*9V*A10 | FC/MC/PC18A | 18.0 | 3.44 | 1.62 | 11.2 | 2.18 | 1.51 | 7.90 |
| | T*9V*A10 | FC/MC/PC24A | 18.0 | 3.60 | 1.55 | 11.1 | 2.28 | 1.43 | 7.95 |
| | T*9V*A10 | FC/MC/PC30A | 18.0 | 3.60 | 1.55 | 11.1 | 2.28 | 1.43 | 7.95 |
| | T*9(C,V)*B12 | FC/MC/PC18B | 18.0 | 3.60 | 1.36 | 7.7 | 2.30 | 0.98 | 8.00 |
| | T*9(C,V)*B12 | FC/MC/PC24B | 18.0 | 3.74 | 1.34 | 10.5 | 2.94 | 1.05 | 8.30 |
| | T*9(C,V)*B12 | FC/MC/PC30B | 18.0 | 3.74 | 1.34 | 10.5 | 2.94 | 1.05 | 8.30 |
| | T*9(C,V)*B12 | UC18B | 18.0 | 3.64 | 1.35 | 9.1 | 2.62 | 1.02 | 8.10 |
| | T*9(C,V)*B12 | UC24B | 18.0 | 3.76 | 1.34 | 10.7 | 2.96 | 1.06 | 8.30 |
| | T*9(C,V)*B12 | UC30B | 18.0 | 3.76 | 1.34 | 10.7 | 2.96 | 1.06 | 8.30 |
| | T*9X*A10 | FC/MC/PC18A | 18.0 | 3.46 | 1.61 | 11.2 | 2.18 | 1.51 | 7.90 |
| | T*9X*A10 | FC/MC/PC24A | 18.0 | 3.62 | 1.55 | 11.1 | 2.28 | 1.43 | 7.90 |
| | T*9X*A10 | FC/MC/PC30A | 18.0 | 3.62 | 1.55 | 11.1 | 2.28 | 1.43 | 7.90 |
| | T*9X*B12 | FC/MC/PC18B | 18.0 | 3.00 | 1.76 | 11.0 | 2.30 | 1.40 | 8.10 |
| | T*9X*B12 | FC/MC/PC24B | 18.0 | 3.16 | 1.67 | 10.9 | 2.42 | 1.32 | 8.20 |
| | T*9X*B12 | FC/MC/PC30B | 18.0 | 3.16 | 1.67 | 10.9 | 2.42 | 1.32 | 8.20 |
| | T*9X*B12 | UC18B | 18.0 | 3.60 | 1.55 | 11.1 | 2.26 | 1.44 | 8.20 |
| | T*9X*B12 | UC24B | 18.0 | 3.72 | 1.49 | 10.9 | 2.36 | 1.35 | 8.15 |
| | T*9X*B12 | UC30B | 18.0 | 3.72 | 1.49 | 10.9 | 2.36 | 1.35 | 8.15 |
| | Y*(8,L)C*A12 | FC/MC/PC18A | 18.0 | 3.58 | 1.37 | 7.7 | 2.28 | 0.99 | 8.00 |
| | Y*(8,L)C*A12 | FC/MC/PC24A | 18.0 | 3.70 | 1.36 | 10.6 | 2.90 | 1.07 | 8.30 |
| | Y*(8,L)C*A12 | FC/MC/PC30A | 18.0 | 3.70 | 1.36 | 10.6 | 2.90 | 1.07 | 8.30 |
| | Y*(8,L)C*A12 | UC18A | 18.0 | 3.62 | 1.37 | 9.1 | 2.58 | 1.03 | 8.10 |
| | Y*(8,L)C*A12 | UC24A | 18.0 | 3.72 | 1.36 | 10.7 | 2.94 | 1.07 | 8.30 |
| | Y*(8,L)C*A12 | UC30A | 18.0 | 3.72 | 1.36 | 10.7 | 2.94 | 1.07 | 8.30 |
| | Y*(8,L)C*B12 | FC/MC/PC18B | 18.0 | 3.56 | 1.37 | 7.7 | 2.30 | 0.98 | 7.90 |
| | Y*(8,L)C*B12 | FC/MC/PC24B | 18.0 | 3.68 | 1.34 | 10.1 | 2.88 | 1.03 | 8.20 |
| | Y*(8,L)C*B12 | FC/MC/PC30B | 18.0 | 3.68 | 1.34 | 10.1 | 2.88 | 1.03 | 8.20 |
| | Y*(8,L)C*B12 | UC18B | 18.0 | 3.60 | 1.36 | 9.7 | 2.74 | 1.04 | 8.00 |

For Notes See Page 21.

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

| MODEL | 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] | | | | | | | | | |
| YHJD18S41S2 | Y*(8,L)C*B12 | UC24B | 18.0 | 3.70 | 1.34 | 10.5 | 2.96 | 1.04 | 8.20 |
| | Y*(8,L)C*B12 | UC30B | 18.0 | 3.70 | 1.34 | 10.4 | 2.96 | 1.03 | 8.20 |
| | Y*9C*B12 | FC/MC/PC18B | 18.0 | 3.60 | 1.36 | 7.7 | 2.30 | 0.98 | 8.00 |
| | Y*9C*B12 | FC/MC/PC24B | 18.0 | 3.74 | 1.34 | 10.5 | 2.94 | 1.05 | 8.30 |
| | Y*9C*B12 | FC/MC/PC30B | 18.0 | 3.74 | 1.34 | 10.5 | 2.94 | 1.05 | 8.30 |
| | Y*9C*B12 | UC18B | 18.0 | 3.64 | 1.35 | 9.1 | 2.62 | 1.02 | 8.10 |
| | Y*9C*B12 | UC24B | 18.0 | 3.76 | 1.34 | 10.7 | 2.96 | 1.06 | 8.30 |
| | Y*9C*B12 | UC30B | 18.0 | 3.76 | 1.34 | 10.7 | 2.96 | 1.06 | 8.30 |
| YHJD24S41S4 | T*(8,L)V*A12 | FC/MC/PC32A | 23.4 | 3.52 | 1.95 | 13.5 | 2.52 | 1.57 | 8.20 |
| | T*(8,L)V*A12 | FC/MC/PC37A | 23.8 | 3.62 | 1.93 | 13.6 | 2.54 | 1.57 | 8.20 |
| | T*(8,L)V*B12 | FC/MC/PC35B | 23.0 | 3.50 | 1.93 | 13.2 | 2.52 | 1.53 | 8.15 |
| | T*(8,L)V*B12 | FC/MC/PC43B | 23.4 | 3.60 | 1.90 | 13.3 | 2.54 | 1.53 | 8.20 |
| | T*(8,L)V*C16 | FC/MC/PC35C | 23.6 | 3.62 | 1.91 | 13.4 | 2.58 | 1.52 | 8.20 |
| | T*(8,L)V*C16 | FC/MC/PC43C | 24.0 | 3.74 | 1.88 | 13.6 | 2.60 | 1.53 | 8.20 |
| | T*(8,L)V*C20 | FC/MC/PC35C | 22.8 | 3.54 | 1.89 | 13.0 | 2.56 | 1.49 | 8.15 |
| | T*(8,L)V*C20 | FC/MC/PC43C | 23.2 | 3.64 | 1.87 | 13.2 | 2.58 | 1.50 | 8.20 |
| | T*(8,L)X*A12 | FC/MC/PC32A | 23.2 | 3.64 | 1.87 | 13.3 | 2.60 | 1.50 | 8.20 |
| | T*(8,L)X*A12 | FC/MC/PC37A | 23.8 | 3.78 | 1.84 | 13.5 | 2.66 | 1.49 | 8.20 |
| | T*(8,L)X*B12 | FC/MC/PC35B | 23.4 | 3.68 | 1.86 | 13.3 | 2.62 | 1.49 | 8.20 |
| | T*(8,L)X*B12 | FC/MC/PC43B | 23.8 | 3.78 | 1.84 | 13.5 | 2.66 | 1.49 | 8.20 |
| | T*(8,L)X*C16 | FC/MC/PC35C | 23.4 | 3.68 | 1.86 | 13.3 | 2.62 | 1.49 | 8.20 |
| | T*(8,L)X*C16 | FC/MC/PC43C | 23.8 | 3.76 | 1.85 | 13.4 | 2.64 | 1.49 | 8.20 |
| | T*(8,L)X*C20 | FC/MC/PC35C | 23.6 | 3.62 | 1.91 | 13.4 | 2.58 | 1.52 | 8.20 |
| | T*(8,L)X*C20 | FC/MC/PC43C | 23.6 | 3.70 | 1.87 | 13.5 | 2.62 | 1.51 | 8.20 |
| | T*9V*A10 | FC/MC/PC32A | 24.0 | 3.48 | 1.99 | 13.5 | 2.42 | 1.63 | 7.80 |
| | T*9V*A10 | FC/MC/PC37A | 24.0 | 3.52 | 1.98 | 13.8 | 2.44 | 1.66 | 7.90 |
| | T*9(C,V)*B12 | FC/MC/PC35B | 23.6 | 3.58 | 1.93 | 13.6 | 2.54 | 1.57 | 8.20 |
| | T*9(C,V)*B12 | FC/MC/PC43B | 23.8 | 3.64 | 1.92 | 13.6 | 2.56 | 1.56 | 8.20 |
| | T*9(C,V)*C16 | FC/MC/PC35C | 23.8 | 3.62 | 1.93 | 13.6 | 2.56 | 1.56 | 8.20 |
| | T*9(C,V)*C16 | FC/MC/PC43C | 23.8 | 3.66 | 1.91 | 13.5 | 2.58 | 1.53 | 8.20 |
| | T*9(C,V)*C20 | FC/MC/PC35C | 23.0 | 3.52 | 1.91 | 13.1 | 2.54 | 1.51 | 8.15 |
| | T*9(C,V)*C20 | FC/MC/PC43C | 24.0 | 3.72 | 1.89 | 13.7 | 2.60 | 1.54 | 8.20 |
| | T*9X*A10 | FC/MC/PC32A | 24.0 | 3.44 | 1.96 | 13.3 | 2.44 | 1.60 | 7.85 |
| | T*9X*A10 | FC/MC/PC37A | 24.0 | 3.52 | 1.95 | 13.4 | 2.48 | 1.58 | 7.85 |
| | T*9X*B12 | FC/MC/PC35B | 23.0 | 3.58 | 1.88 | 13.2 | 2.58 | 1.50 | 8.20 |
| | T*9X*B12 | FC/MC/PC43B | 23.6 | 3.72 | 1.86 | 13.4 | 2.64 | 1.49 | 8.20 |
| | T*9X*C16 | FC/MC/PC35C | 23.0 | 3.56 | 1.89 | 13.1 | 2.56 | 1.50 | 8.20 |
| | T*9X*C16 | FC/MC/PC43C | 23.6 | 3.72 | 1.86 | 13.4 | 2.64 | 1.49 | 8.20 |
| | T*9X*C20 | FC/MC/PC35C | 23.4 | 3.66 | 1.87 | 13.4 | 2.60 | 1.51 | 8.20 |
| | T*9X*C20 | FC/MC/PC43C | 23.6 | 3.70 | 1.87 | 13.5 | 2.62 | 1.51 | 8.20 |
| | Y*(8,L)C*A12 | FC/MC/PC32A | 23.4 | 3.52 | 1.95 | 13.5 | 2.52 | 1.57 | 8.20 |
| | Y*(8,L)C*A12 | FC/MC/PC37A | 23.8 | 3.62 | 1.93 | 13.6 | 2.54 | 1.57 | 8.20 |
| | Y*(8,L)C*B12 | FC/MC/PC35B | 23.0 | 3.50 | 1.93 | 13.2 | 2.52 | 1.53 | 8.15 |
| | Y*(8,L)C*B12 | FC/MC/PC43B | 23.4 | 3.60 | 1.90 | 13.3 | 2.54 | 1.53 | 8.20 |
| | Y*(8,L)C*C16 | FC/MC/PC35C | 23.6 | 3.62 | 1.91 | 13.4 | 2.58 | 1.52 | 8.20 |
| | Y*(8,L)C*C16 | FC/MC/PC43C | 24.0 | 3.74 | 1.88 | 13.6 | 2.60 | 1.53 | 8.20 |
| | Y*(8,L)C*C20 | FC/MC/PC35C | 22.8 | 3.54 | 1.89 | 13.0 | 2.56 | 1.49 | 8.15 |
| | Y*(8,L)C*C20 | FC/MC/PC43C | 23.2 | 3.64 | 1.87 | 13.2 | 2.58 | 1.50 | 8.20 |
| | Y*9C*B12 | FC/MC/PC35B | 23.6 | 3.58 | 1.93 | 13.6 | 2.54 | 1.57 | 8.20 |
| | Y*9C*B12 | FC/MC/PC43B | 23.8 | 3.64 | 1.92 | 13.6 | 2.56 | 1.56 | 8.20 |
| | Y*9C*C16 | FC/MC/PC35C | 23.8 | 3.62 | 1.93 | 13.6 | 2.56 | 1.56 | 8.20 |
| | Y*9C*C16 | FC/MC/PC43C | 23.8 | 3.66 | 1.91 | 13.5 | 2.58 | 1.53 | 8.20 |
| | Y*9C*C20 | FC/MC/PC35C | 23.0 | 3.52 | 1.91 | 13.1 | 2.54 | 1.51 | 8.15 |
| | Y*9C*C20 | FC/MC/PC43C | 24.0 | 3.72 | 1.89 | 13.7 | 2.60 | 1.54 | 8.20 |

For Notes See Page 21.

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

| MODEL | 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] | | | | | | | | | |
| YHJD30S41S4 | 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*(8,L)X*A12 | FC/MC/PC32A | 27.0 | 3.42 | 2.31 | 15.6 | 2.40 | 1.90 | 7.95 |
| | T*(8,L)X*A12 | FC/MC/PC37A | 27.8 | 3.64 | 2.24 | 15.9 | 2.50 | 1.86 | 8.20 |
| | T*(8,L)X*B12 | FC/MC/PC35B | 27.4 | 3.52 | 2.28 | 15.6 | 2.44 | 1.87 | 8.10 |
| | T*(8,L)X*B12 | FC/MC/PC43B | 27.8 | 3.62 | 2.25 | 15.8 | 2.48 | 1.87 | 8.20 |
| | T*(8,L)X*C16 | FC/MC/PC35C | 27.2 | 3.56 | 2.24 | 15.4 | 2.46 | 1.83 | 8.15 |
| | T*(8,L)X*C16 | FC/MC/PC43C | 27.2 | 3.64 | 2.19 | 15.4 | 2.52 | 1.79 | 8.20 |
| | T*(8,L)X*C20 | FC/MC/PC35C | 26.0 | 3.40 | 2.24 | 14.9 | 2.44 | 1.79 | 7.85 |
| | T*(8,L)X*C20 | FC/MC/PC43C | 26.4 | 3.52 | 2.20 | 15.0 | 2.48 | 1.77 | 8.00 |
| | 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)*C20 | FC/MC/PC43C | 27.4 | 3.58 | 2.24 | 15.5 | 2.48 | 1.83 | 8.20 |
| | T*9X*B12 | FC/MC/PC35B | 27.2 | 3.50 | 2.28 | 15.5 | 2.44 | 1.86 | 8.10 |
| | T*9X*B12 | FC/MC/PC43B | 27.6 | 3.60 | 2.25 | 15.7 | 2.48 | 1.85 | 8.20 |
| | T*9X*C16 | FC/MC/PC35C | 27.0 | 3.52 | 2.25 | 15.5 | 2.46 | 1.85 | 8.10 |
| | T*9X*C16 | FC/MC/PC43C | 27.4 | 3.60 | 2.23 | 15.6 | 2.48 | 1.84 | 8.20 |
| | T*9X*C20 | FC/MC/PC35C | 25.8 | 3.42 | 2.21 | 14.7 | 2.44 | 1.77 | 7.80 |
| | T*9X*C20 | FC/MC/PC43C | 25.6 | 3.34 | 2.25 | 14.5 | 2.40 | 1.77 | 7.70 |
| | 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 |
| | 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*C20 | FC/MC/PC43C | 27.4 | 3.58 | 2.24 | 15.5 | 2.48 | 1.83 | 8.20 |
| YHJD36S41S4 | 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*(8,L)X*A12 | FC/MC/PC37A | 34.4 | 3.62 | 2.78 | 22.0 | 2.76 | 2.34 | 8.20 |
| | T*(8,L)X*B12 | FC/MC/PC43B | 34.2 | 3.60 | 2.78 | 22.0 | 2.76 | 2.34 | 8.20 |
| | T*(8,L)X*C16 | FC/MC/PC43C | 33.4 | 3.64 | 2.69 | 21.2 | 2.82 | 2.20 | 8.20 |
| | T*(8,L)X*C16 | FC/MC/PC48C | 33.8 | 3.70 | 2.68 | 21.6 | 2.86 | 2.21 | 8.20 |
| | T*(8,L)X*C16 | UC48C | 34.2 | 3.80 | 2.64 | 21.4 | 2.86 | 2.19 | 8.20 |

For Notes See Page 21.

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

| MODEL | 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] | | | | | | | | | |
| YHJD36S41S4 | T*(8,L)X*C20 | FC/MC/PC43C | 34.0 | 3.66 | 2.72 | 21.4 | 2.80 | 2.24 | 8.20 |
| | T*(8,L)X*C20 | FC/MC/PC48C | 34.2 | 3.70 | 2.71 | 21.6 | 2.84 | 2.23 | 8.20 |
| | T*(8,L)X*C20 | UC48C | 34.6 | 3.80 | 2.67 | 21.8 | 2.84 | 2.25 | 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/PC43C | 34.0 | 3.56 | 2.80 | 21.8 | 2.74 | 2.33 | 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/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 |
| | T*9X*B12 | FC/MC/PC43B | 34.2 | 3.58 | 2.80 | 22.0 | 2.74 | 2.35 | 8.20 |
| | T*9X*C16 | FC/MC/PC43C | 34.0 | 3.60 | 2.77 | 21.8 | 2.76 | 2.31 | 8.20 |
| | T*9X*C16 | FC/MC/PC48C | 34.6 | 3.66 | 2.77 | 22.0 | 2.78 | 2.32 | 8.20 |
| | T*9X*C16 | UC48C | 34.8 | 3.76 | 2.71 | 22.0 | 2.80 | 2.30 | 8.20 |
| | T*9X*C20 | FC/MC/PC43C | 33.8 | 3.58 | 2.77 | 21.6 | 2.76 | 2.29 | 8.20 |
| | T*9X*C20 | FC/MC/PC48C | 34.0 | 3.64 | 2.74 | 21.8 | 2.80 | 2.28 | 8.20 |
| | T*9X*C20 | UC48C | 34.4 | 3.74 | 2.69 | 21.6 | 2.80 | 2.26 | 8.20 |
| | T*9X*D20 | FC/MC/PC48D | 34.0 | 3.66 | 2.72 | 21.8 | 2.82 | 2.27 | 8.20 |
| | T*9X*D20 | UC48D | 34.4 | 3.74 | 2.69 | 21.6 | 2.82 | 2.24 | 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 |
| | 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/PC43C | 34.0 | 3.56 | 2.80 | 21.8 | 2.74 | 2.33 | 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/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 |
| YHJD42S41S4 | 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/PC60C | 39.5 | 3.92 | 2.95 | 22.4 | 2.64 | 2.49 | 8.20 |
| | T*(8,L)V*C20 | UC60C | 39.5 | 3.88 | 2.98 | 22.2 | 2.62 | 2.48 | 8.20 |
| | T*(8,L)X*C16 | FC/PC60C | 39.5 | 3.98 | 2.91 | 22.2 | 2.68 | 2.43 | 8.20 |
| | T*(8,L)X*C16 | UC60C | 39.0 | 3.94 | 2.90 | 22.0 | 2.68 | 2.41 | 8.20 |
| | T*(8,L)X*C20 | FC/PC60C | 40.0 | 4.00 | 2.93 | 22.4 | 2.70 | 2.43 | 8.20 |
| | T*(8,L)X*C20 | UC60C | 39.5 | 3.96 | 2.92 | 22.4 | 2.66 | 2.47 | 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 | 3.74 | 3.13 | 22.8 | 2.52 | 2.65 | 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 | 3.78 | 3.10 | 22.6 | 2.54 | 2.61 | 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 | 39.5 | 3.82 | 3.03 | 22.4 | 2.58 | 2.54 | 8.20 |
| | T*9X*C16 | FC/PC60C | 40.0 | 3.94 | 2.97 | 22.6 | 2.64 | 2.51 | 8.20 |
| | T*9X*C16 | UC60C | 39.5 | 3.86 | 3.00 | 22.2 | 2.60 | 2.50 | 8.20 |

For Notes See Page 21.

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

| MODEL | 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] | | | | | | | | | |
| YHJD42S41S4 | T*9X*C20 | FC/PC60C | 40.0 | 3.98 | 2.94 | 22.4 | 2.68 | 2.45 | 8.20 |
| | T*9X*C20 | UC60C | 39.5 | 3.90 | 2.97 | 22.2 | 2.64 | 2.46 | 8.20 |
| | T*9X*D20 | FC/MC/PC60D | 40.0 | 4.04 | 2.90 | 22.4 | 2.72 | 2.41 | 8.20 |
| | T*9X*D20 | UC60D | 39.5 | 4.00 | 2.89 | 22.4 | 2.70 | 2.43 | 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/PC60C | 39.5 | 3.92 | 2.95 | 22.4 | 2.64 | 2.49 | 8.20 |
| | Y*(8,L)C*C20 | UC60C | 39.5 | 3.88 | 2.98 | 22.2 | 2.62 | 2.48 | 8.20 |
| | Y*9C*C16 | FC/PC60C | 40.0 | 3.78 | 3.10 | 22.8 | 2.54 | 2.63 | 8.20 |
| | Y*9C*C16 | UC60C | 40.0 | 3.74 | 3.13 | 22.8 | 2.52 | 2.65 | 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 | 3.78 | 3.10 | 22.6 | 2.54 | 2.61 | 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 | 39.5 | 3.82 | 3.03 | 22.4 | 2.58 | 2.54 | 8.20 |
| YHJD48S41S4 | T*(8,L)V*C16 | FC/MC62D | 45.5 | 3.64 | 3.66 | 27.0 | 2.84 | 2.79 | 8.20 |
| | T*(8,L)V*C16 | FC/PC60C | 46.0 | 3.64 | 3.70 | 27.2 | 2.80 | 2.85 | 8.20 |
| | T*(8,L)V*C16 | UC60C | 45.5 | 3.62 | 3.68 | 27.0 | 2.80 | 2.83 | 8.20 |
| | T*(8,L)V*C20 | FC/MC62D | 45.5 | 3.66 | 3.64 | 26.8 | 2.84 | 2.76 | 8.20 |
| | T*(8,L)V*C20 | FC/PC60C | 46.0 | 3.64 | 3.70 | 27.2 | 2.82 | 2.83 | 8.20 |
| | T*(8,L)V*C20 | UC60C | 45.5 | 3.68 | 3.62 | 26.8 | 2.84 | 2.76 | 8.20 |
| | T*(8,L)X*C16 | FC/MC62D | 45.5 | 3.66 | 3.64 | 26.8 | 2.86 | 2.75 | 8.20 |
| | T*(8,L)X*C16 | FC/PC60C | 45.5 | 3.70 | 3.60 | 27.0 | 2.86 | 2.77 | 8.20 |
| | T*(8,L)X*C16 | UC60C | 45.5 | 3.68 | 3.62 | 26.8 | 2.84 | 2.76 | 8.20 |
| | T*(8,L)X*C20 | FC/MC62D | 45.0 | 3.70 | 3.56 | 26.8 | 2.88 | 2.73 | 8.20 |
| | T*(8,L)X*C20 | FC/PC60C | 45.5 | 3.72 | 3.58 | 26.8 | 2.88 | 2.73 | 8.20 |
| | T*(8,L)X*C20 | UC60C | 44.5 | 3.82 | 3.41 | 26.2 | 2.96 | 2.59 | 8.20 |
| | T*9(C,V)*C16 | FC/MC62D | 45.5 | 3.60 | 3.70 | 27.0 | 2.80 | 2.83 | 8.20 |
| | T*9(C,V)*C16 | FC/PC60C | 46.0 | 3.62 | 3.72 | 27.4 | 2.80 | 2.87 | 8.20 |
| | T*9(C,V)*C16 | UC60C | 45.5 | 3.58 | 3.72 | 27.2 | 2.78 | 2.87 | 8.20 |
| | T*9(C,V)*C20 | FC/MC62D | 45.5 | 3.56 | 3.74 | 27.2 | 2.78 | 2.87 | 8.20 |
| | T*9(C,V)*C20 | FC/PC60C | 46.0 | 3.62 | 3.72 | 27.4 | 2.80 | 2.87 | 8.20 |
| | T*9(C,V)*C20 | UC60C | 45.5 | 3.58 | 3.72 | 27.2 | 2.78 | 2.87 | 8.20 |
| | T*9(C,V)*D20 | FC/MC/PC60D | 46.0 | 3.64 | 3.70 | 27.2 | 2.80 | 2.85 | 8.20 |
| | T*9(C,V)*D20 | FC/MC62D | 45.5 | 3.60 | 3.70 | 27.2 | 2.80 | 2.85 | 8.20 |
| | T*9(C,V)*D20 | UC60D | 45.5 | 3.60 | 3.70 | 27.0 | 2.78 | 2.85 | 8.20 |
| | T*9X*C16 | FC/MC62D | 45.5 | 3.66 | 3.64 | 26.8 | 2.84 | 2.76 | 8.20 |
| | T*9X*C16 | FC/PC60C | 45.5 | 3.70 | 3.60 | 27.0 | 2.86 | 2.77 | 8.20 |
| | T*9X*C16 | UC60C | 45.5 | 3.66 | 3.64 | 26.8 | 2.84 | 2.76 | 8.20 |
| | T*9X*C20 | FC/MC62D | 45.0 | 3.68 | 3.58 | 26.8 | 2.86 | 2.75 | 8.20 |
| | T*9X*C20 | FC/PC60C | 45.5 | 3.74 | 3.56 | 26.8 | 2.88 | 2.73 | 8.20 |
| | T*9X*C20 | UC60C | 45.0 | 3.70 | 3.56 | 26.8 | 2.86 | 2.75 | 8.20 |
| | T*9X*D20 | FC/MC/PC60D | 44.5 | 3.80 | 3.43 | 26.2 | 2.96 | 2.59 | 8.20 |
| | T*9X*D20 | FC/MC62D | 45.5 | 3.64 | 3.66 | 27.0 | 2.84 | 2.79 | 8.20 |
| | T*9X*D20 | UC60D | 44.5 | 3.76 | 3.47 | 26.0 | 2.94 | 2.59 | 8.20 |
| | Y*(8,L)C*C16 | FC/MC62D | 45.5 | 3.64 | 3.66 | 27.0 | 2.84 | 2.79 | 8.20 |
| | Y*(8,L)C*C16 | FC/PC60C | 46.0 | 3.64 | 3.70 | 27.2 | 2.80 | 2.85 | 8.20 |
| | Y*(8,L)C*C16 | UC60C | 45.5 | 3.62 | 3.68 | 27.0 | 2.80 | 2.83 | 8.20 |
| | Y*(8,L)C*C20 | FC/MC62D | 45.5 | 3.66 | 3.64 | 26.8 | 2.84 | 2.76 | 8.20 |
| | Y*(8,L)C*C20 | FC/PC60C | 46.0 | 3.64 | 3.70 | 27.2 | 2.82 | 2.83 | 8.20 |
| | Y*(8,L)C*C20 | UC60C | 45.5 | 3.68 | 3.62 | 26.8 | 2.84 | 2.76 | 8.20 |
| | Y*9C*C16 | FC/MC62D | 45.5 | 3.60 | 3.70 | 27.0 | 2.80 | 2.83 | 8.20 |
| | Y*9C*C16 | FC/PC60C | 46.0 | 3.62 | 3.72 | 27.4 | 2.80 | 2.87 | 8.20 |
| | Y*9C*C16 | UC60C | 45.5 | 3.58 | 3.72 | 27.2 | 2.78 | 2.87 | 8.20 |

For Notes See Page 21.

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

| MODEL | 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] | | | | | | | | | |
| YHJD48S41S4 | Y*9C*C20 | FC/MC62D | 45.5 | 3.56 | 3.74 | 27.2 | 2.78 | 2.87 | 8.20 |
| | Y*9C*C20 | FC/PC60C | 46.0 | 3.62 | 3.72 | 27.4 | 2.80 | 2.87 | 8.20 |
| | Y*9C*C20 | UC60C | 45.5 | 3.58 | 3.72 | 27.2 | 2.78 | 2.87 | 8.20 |
| | Y*9C*D20 | FC/MC/PC60D | 46.0 | 3.64 | 3.70 | 27.2 | 2.80 | 2.85 | 8.20 |
| | Y*9C*D20 | FC/MC62D | 45.5 | 3.60 | 3.70 | 27.2 | 2.80 | 2.85 | 8.20 |
| | Y*9C*D20 | UC60D | 45.5 | 3.60 | 3.70 | 27.0 | 2.78 | 2.85 | 8.20 |
| YHJD60S41S5 | T*(8,L)V*C20 | FC/MC62D | 58.0 | 3.38 | 5.03 | 39.0 | 2.66 | 4.30 | 8.15 |
| | T*(8,L)V*C20 | FC64D | 58.0 | 3.36 | 5.06 | 41.0 | 2.78 | 4.32 | 8.05 |
| | T*(8,L)X*C20 | FC/MC62D | 58.0 | 3.44 | 4.94 | 38.5 | 2.70 | 4.18 | 8.20 |
| | T*(8,L)X*C20 | FC64D | 58.0 | 3.36 | 5.06 | 39.5 | 2.82 | 4.10 | 8.10 |
| | T*9(C,V)*C20 | FC/MC62D | 58.0 | 3.36 | 5.06 | 39.0 | 2.64 | 4.33 | 8.10 |
| | T*9(C,V)*C20 | FC64D | 58.0 | 3.30 | 5.15 | 40.0 | 2.76 | 4.25 | 8.15 |
| | T*9(C,V)*D20 | FC/MC62D | 58.0 | 3.38 | 5.03 | 39.0 | 2.66 | 4.30 | 8.15 |
| | T*9(C,V)*D20 | FC64D | 58.0 | 3.30 | 5.15 | 40.0 | 2.76 | 4.25 | 8.15 |
| | T*9X*C20 | FC/MC62D | 58.0 | 3.44 | 4.94 | 38.5 | 2.70 | 4.18 | 8.20 |
| | T*9X*C20 | FC64D | 58.0 | 3.32 | 5.12 | 39.5 | 2.78 | 4.16 | 8.20 |
| | T*9X*D20 | FC/MC62D | 58.0 | 3.42 | 4.97 | 38.5 | 2.68 | 4.21 | 8.15 |
| | T*9X*D20 | FC64D | 58.0 | 3.36 | 5.06 | 40.0 | 2.80 | 4.19 | 8.20 |
| | Y*(8,L)C*C20 | FC/MC62D | 58.0 | 3.38 | 5.03 | 39.0 | 2.66 | 4.30 | 8.15 |
| | Y*(8,L)C*C20 | FC64D | 58.0 | 3.36 | 5.06 | 41.0 | 2.78 | 4.32 | 8.05 |
| | Y*9C*C20 | FC/MC62D | 58.0 | 3.36 | 5.06 | 39.0 | 2.64 | 4.33 | 8.10 |
| | Y*9C*C20 | FC64D | 58.0 | 3.30 | 5.15 | 40.5 | 2.74 | 4.33 | 8.10 |
| | Y*9C*D20 | FC/MC62D | 58.0 | 3.38 | 5.03 | 39.0 | 2.66 | 4.30 | 8.15 |
| | Y*9C*D20 | FC64D | 58.0 | 3.30 | 5.15 | 40.0 | 2.76 | 4.25 | 8.15 |

1. Rated CFM same as for cooling.
2. Heating MBH based on AHRI 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.

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

— = Not Applicable.

## ACCESSORIES

Refer to Price Manual for specific model numbers.

**Start Assist Kit (S1-2SA067*) -** May be required on 24, 30, 36, & 42 models when a TXV is installed. May also be required on 18 & 60 models in low voltage application. The 48 model has factory installed start assist. See Hard Start Kit Accessory Installation Manual for Hard Start Kit 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.

**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.

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

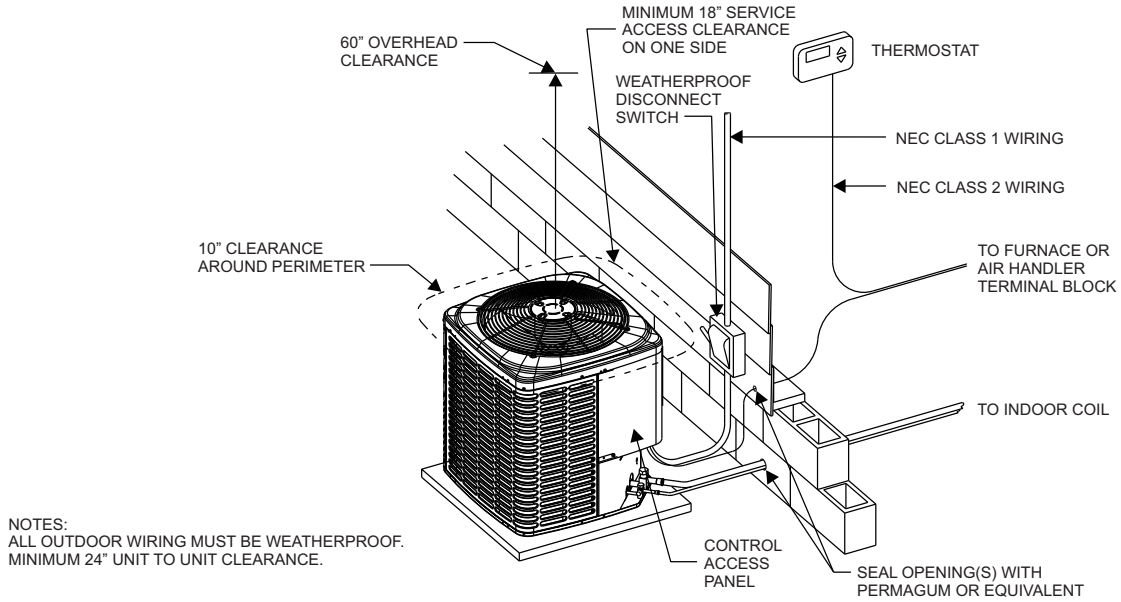
**Thermostats -** Compatible thermostat controls are available through accessory sourcing. For optimum performance and installation, refer to the UPGNET “Low Voltage Wiring Diagram” document to select and apply controls.

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

| Size | Test Condition | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | dBA | SQI |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | Cooling Mode | 67 | 71 | 66 | 69 | 65 | 59 | 58 | 55 | 70 | 19.2 |
| | Heating Mode | 68 | 70 | 66 | 68 | 67 | 61 | 60 | 57 | 71 | 19.2 |
| 24 | Cooling Mode | 68 | 70 | 67 | 69 | 72 | 65 | 66 | 62 | 75 | 19.0 |
| | Heating Mode | 69 | 69 | 63 | 67 | 67 | 64 | 65 | 62 | 72 | 19.1 |
| 30 | Cooling Mode | 73 | 70 | 69 | 71 | 72 | 66 | 69 | 63 | 76 | 19.2 |
| | 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 |
| | 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 |
| | Heating Mode | 71 | 71 | 71 | 72 | 72 | 69 | 69 | 65 | 77 | 19.1 |
| 48 | Cooling Mode | 72 | 71 | 68 | 69 | 66 | 62 | 57 | 53 | 71 | 19.1 |
| | Heating Mode | 71 | 73 | 70 | 72 | 70 | 68 | 65 | 63 | 75 | 19.1 |
| 60 | Cooling Mode | 69 | 69 | 69 | 70 | 70 | 65 | 64 | 63 | 74 | 19.2 |
| | Heating Mode | 68 | 69 | 68 | 69 | 71 | 65 | 63 | 62 | 74 | 19.0 |

Rated in accordance with ARI Standard 270.

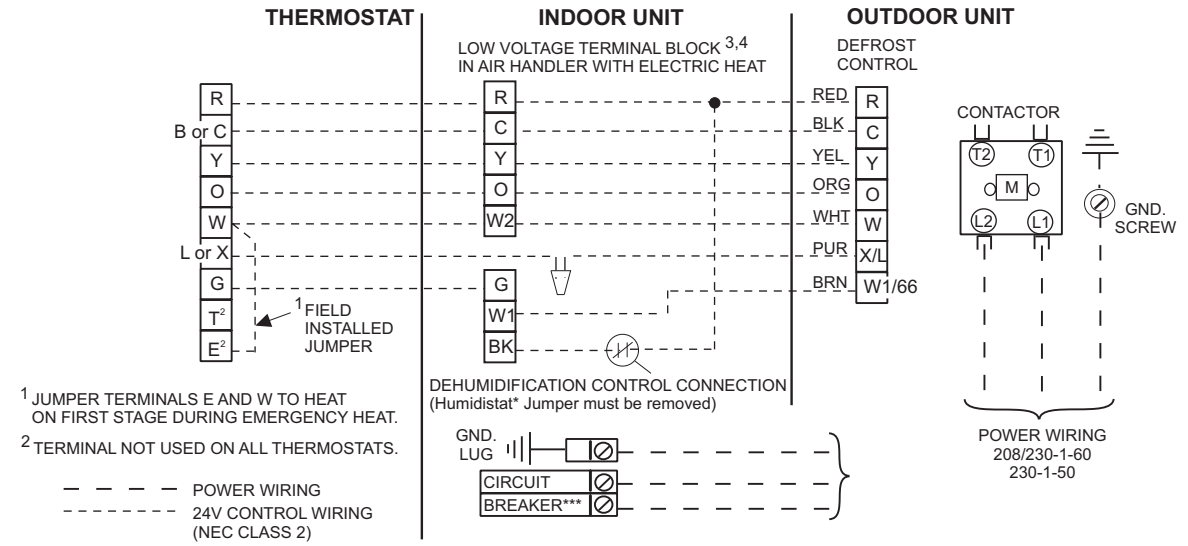
## TYPICAL INSTALLATION




NOTES:
ALL OUTDOOR WIRING MUST BE WEATHERPROOF.
MINIMUM 24" UNIT TO UNIT CLEARANCE.

## TYPICAL FIELD WIRING

**ALL FIELD WIRING TO BE IN ACCORDANCE WITH ELECTRIC CODE (NEC) AND/OR LOCAL CODES**




1 JUMPER TERMINALS E AND W TO HEAT ON FIRST STAGE DURING EMERGENCY HEAT.

2 TERMINAL NOT USED ON ALL THERMOSTATS.

— — — — POWER WIRING

- - - - - - - - 24V CONTROL WIRING (NEC CLASS 2)

3 CHECK THE LOW VOLTAGE TERMINAL BLOCK ON THE INDOOR UNIT FOR THE ACTUAL ARRANGEMENT OF THE TERMINALS.

4 CONNECT POWER WIRING TO TERMINAL BLOCK 3TB ON UNITS WITHOUT ELECTRIC HEAT OR CIRCUIT BREAKER.

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO.** | | **YHJD18S41S2** | | | | | | | | | | | | | | | |
| **INDOOR COIL MODEL NO.** | | **FC35** | | | | | | | | | | | | | | | |
| **CONDENSING ENTERING AIR TEMPERATURE** | **IDCFM** | 450 | | | | | 600 | | | | | 750 | | | | | |
| | **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. | 16.8 | 18.5 | 18.8 | 20.3 | 21.7 | 18.9 | 19.4 | 19.9 | 21.3 | 22.3 | 21.0 | 20.3 | 20.9 | 22.2 | 22.9 | |
| | S.C. | 16.8 | 15.4 | 13.3 | 13.2 | 11.1 | 18.9 | 18.2 | 15.6 | 15.1 | 12.0 | 21.0 | 20.3 | 17.8 | 17.0 | 12.9 | |
| | KW | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.10 | 1.10 | 1.10 | 1.10 | 1.10 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | |
| 75 | T.C. | 16.0 | 17.6 | 17.6 | 19.4 | 20.9 | 18.0 | 18.5 | 18.7 | 20.3 | 21.6 | 20.0 | 19.5 | 19.7 | 21.2 | 22.2 | |
| | S.C. | 16.0 | 14.9 | 12.8 | 12.8 | 10.6 | 18.0 | 17.6 | 15.0 | 14.7 | 11.6 | 20.0 | 19.5 | 17.3 | 16.7 | 12.6 | |
| | KW | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | 1.20 | 1.30 | 1.30 | 1.30 | 1.30 | 1.30 | |
| 85 | T.C. | 15.2 | 16.6 | 16.5 | 18.5 | 20.1 | 17.1 | 17.7 | 17.5 | 19.4 | 20.8 | 19.0 | 18.8 | 18.5 | 20.2 | 21.5 | |
| | S.C. | 15.2 | 14.4 | 12.2 | 12.4 | 10.2 | 17.1 | 17.0 | 14.5 | 14.4 | 11.2 | 19.0 | 18.8 | 16.7 | 16.4 | 12.3 | |
| | KW | 1.30 | 1.30 | 1.30 | 1.30 | 1.30 | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | |
| 95 | T.C. | 14.4 | 15.6 | 15.3 | 17.7 | 19.3 | 16.2 | 16.8 | 16.3 | 18.5 | 20.1 | 18.0 | 18.0 | 17.3 | 19.2 | 20.8 | |
| | S.C. | 14.4 | 13.9 | 11.7 | 11.9 | 9.7 | 16.2 | 16.3 | 13.9 | 14.0 | 10.8 | 18.0 | 18.0 | 16.2 | 16.1 | 11.9 | |
| | KW | 1.40 | 1.40 | 1.40 | 1.40 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 | |
| 105 | T.C. | 13.5 | 14.2 | 14.1 | 16.2 | 18.0 | 15.2 | 15.6 | 15.0 | 17.0 | 18.7 | 16.9 | 16.9 | 15.8 | 17.8 | 19.4 | |
| | S.C. | 13.5 | 13.3 | 11.1 | 11.3 | 9.1 | 15.2 | 15.4 | 13.3 | 13.4 | 10.3 | 16.9 | 16.9 | 15.5 | 15.5 | 11.5 | |
| | KW | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 | 1.70 | 1.70 | 1.70 | 1.70 | 1.70 | 1.80 | 1.80 | 1.70 | 1.80 | 1.80 | |
| 115 | T.C. | 12.5 | 12.8 | 12.8 | 14.8 | 16.7 | 14.2 | 14.3 | 13.6 | 15.6 | 17.4 | 15.9 | 15.9 | 14.4 | 16.3 | 18.0 | |
| | S.C. | 12.5 | 12.6 | 10.5 | 10.7 | 8.6 | 14.2 | 14.3 | 12.7 | 12.8 | 9.8 | 15.9 | 15.9 | 14.4 | 14.9 | 11.0 | |
| | KW | 1.70 | 1.70 | 1.70 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.90 | 1.90 | 1.90 | 1.90 | 1.90 | 2.00 | |
| 125 | T.C. | 11.5 | 11.4 | 11.6 | 13.4 | 15.5 | 13.2 | 13.1 | 12.2 | 14.1 | 16.0 | 14.8 | 14.8 | 12.9 | 14.9 | 16.6 | |
| | S.C. | 11.5 | 11.4 | 9.9 | 10.0 | 8.0 | 13.2 | 13.1 | 12.1 | 12.2 | 9.3 | 14.8 | 14.8 | 12.9 | 14.4 | 10.6 | |
| | KW | 1.90 | 1.90 | 1.90 | 1.90 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | |
| **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/PC18 | 0.97 | 0.96 | 1.02 |
| – | FC/MC/PC24 | 0.99 | 0.98 | 1.02 |
| – | FC/MC/PC30 | 0.99 | 0.98 | 1.02 |
| – | UC24 | 0.99 | 0.99 | 1.02 |
| – | UC30 | 0.99 | 0.99 | 1.02 |
| AHE18B | – | 0.99 | 1.00 | 0.93 |
| AHR18B | – | 0.98 | 1.01 | 1.01 |
| AHV18B | – | 0.99 | 1.00 | 0.93 |
| AV*24 | – | 1.01 | 1.01 | 0.92 |
| MV12B | FC/MC/PC18B | 0.99 | 0.99 | 0.92 |
| MV12B | FC/MC24B | 1.01 | 1.01 | 0.94 |
| MV12B | FC/MC30B | 1.01 | 1.01 | 0.94 |
| MX12B | FC/MC/PC18B | 0.99 | 0.99 | 0.91 |
| MX12B | FC/MC24B | 1.03 | 1.06 | 0.91 |
| MX12B | FC/MC30B | 1.03 | 1.06 | 0.91 |

**Continued on next page.**

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*(8,L)V*A12 | FC/MC/PC18A | 0.99 | 0.98 | 0.93 |
| T*(8,L)V*A12 | FC/MC/PC24A | 1.02 | 1.06 | 0.93 |
| T*(8,L)V*A12 | FC/MC/PC30A | 1.02 | 1.06 | 0.93 |
| T*(8,L)V*A12 | UC18A | 0.99 | 0.99 | 0.93 |
| T*(8,L)V*A12 | UC24A | 1.02 | 1.05 | 0.93 |
| T*(8,L)V*A12 | UC30A | 1.02 | 1.05 | 0.93 |
| T*(8,L)V*B12 | FC/MC/PC18B | 0.99 | 0.98 | 0.92 |
| T*(8,L)V*B12 | FC/MC/PC24B | 1.01 | 1.01 | 0.93 |
| T*(8,L)V*B12 | FC/MC/PC30B | 1.01 | 1.01 | 0.93 |
| T*(8,L)V*B12 | UC18B | 1.00 | 0.99 | 0.92 |
| T*(8,L)V*B12 | UC24B | 1.02 | 1.01 | 0.91 |
| T*(8,L)V*B12 | UC30B | 1.02 | 1.01 | 0.91 |
| T*(8,L)X*A12 | FC/MC/PC18A | 0.98 | 0.95 | 0.91 |
| T*(8,L)X*A12 | FC/MC/PC24A | 1.02 | 1.01 | 0.90 |
| T*(8,L)X*A12 | FC/MC/PC30A | 1.02 | 1.01 | 0.90 |
| T*(8,L)X*A12 | UC18A | 1.00 | 0.99 | 0.91 |
| T*(8,L)X*A12 | UC24A | 1.01 | 1.01 | 0.91 |
| T*(8,L)X*A12 | UC30A | 1.01 | 1.01 | 0.91 |
| T*(8,L)X*B12 | FC/MC/PC18B | 0.99 | 0.99 | 0.91 |
| T*(8,L)X*B12 | FC/MC/PC24B | 1.02 | 1.01 | 0.90 |
| T*(8,L)X*B12 | FC/MC/PC30B | 1.02 | 1.01 | 0.90 |
| T*(8,L)X*B12 | UC18B | 1.00 | 0.99 | 0.91 |
| T*(8,L)X*B12 | UC24B | 1.02 | 1.01 | 0.91 |
| T*(8,L)X*B12 | UC30B | 1.02 | 1.01 | 0.91 |
| T*9V*A10 | FC/MC/PC18A | 0.98 | 0.97 | 0.94 |
| T*9V*A10 | FC/MC/PC24A | 1.01 | 1.00 | 0.94 |
| T*9V*A10 | FC/MC/PC30A | 1.01 | 1.00 | 0.94 |
| T*9(C,V)*B12 | FC/MC/PC18B | 0.99 | 0.98 | 0.92 |
| T*9(C,V)*B12 | FC/MC/PC24B | 1.01 | 1.01 | 0.92 |
| T*9(C,V)*B12 | FC/MC/PC30B | 1.01 | 1.01 | 0.92 |

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*9(C,V)*B12 | UC18B | 1.00 | 0.99 | 0.92 |
| T*9(C,V)*B12 | UC24B | 1.02 | 1.01 | 0.92 |
| T*9(C,V)*B12 | UC30B | 1.02 | 1.01 | 0.92 |
| T*9X*A10 | FC/MC/PC18A | 0.99 | 0.98 | 0.94 |
| T*9X*A10 | FC/MC/PC24A | 1.01 | 1.01 | 0.94 |
| T*9X*A10 | FC/MC/PC30A | 1.01 | 1.01 | 0.94 |
| T*9X*B12 | FC/MC/PC18B | 0.99 | 0.99 | 0.91 |
| T*9X*B12 | FC/MC/PC24B | 1.02 | 1.01 | 0.91 |
| T*9X*B12 | FC/MC/PC30B | 1.02 | 1.01 | 0.91 |
| T*9X*B12 | UC18B | 1.00 | 0.99 | 0.91 |
| T*9X*B12 | UC24B | 1.02 | 1.01 | 0.91 |
| T*9X*B12 | UC30B | 1.02 | 1.01 | 0.91 |
| Y*(8,L)C*A12 | FC/MC/PC18A | 0.99 | 0.98 | 0.93 |
| Y*(8,L)C*A12 | FC/MC/PC24A | 1.02 | 1.06 | 0.93 |
| Y*(8,L)C*A12 | FC/MC/PC30A | 1.02 | 1.06 | 0.93 |
| Y*(8,L)C*A12 | UC18A | 0.99 | 0.99 | 0.93 |
| Y*(8,L)C*A12 | UC24A | 1.02 | 1.05 | 0.93 |
| Y*(8,L)C*A12 | UC30A | 1.02 | 1.05 | 0.93 |
| Y*(8,L)C*B12 | FC/MC/PC18B | 0.99 | 0.98 | 0.92 |
| Y*(8,L)C*B12 | FC/MC/PC24B | 1.01 | 1.01 | 0.93 |
| Y*(8,L)C*B12 | FC/MC/PC30B | 1.01 | 1.01 | 0.93 |
| Y*(8,L)C*B12 | UC18B | 1.00 | 0.99 | 0.92 |
| Y*(8,L)C*B12 | UC24B | 1.02 | 1.01 | 0.91 |
| Y*(8,L)C*B12 | UC30B | 1.02 | 1.01 | 0.91 |
| Y*9C*B12 | FC/MC/PC18B | 0.99 | 0.98 | 0.92 |
| Y*9C*B12 | FC/MC/PC24B | 1.01 | 1.01 | 0.92 |
| Y*9C*B12 | FC/MC/PC30B | 1.01 | 1.01 | 0.92 |
| Y*9C*B12 | UC18B | 1.00 | 0.99 | 0.92 |
| Y*9C*B12 | UC24B | 1.02 | 1.01 | 0.92 |
| Y*9C*B12 | UC30B | 1.02 | 1.01 | 0.92 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO.** | | **YHJD24S41S4** | | | | | | | | | | | | | | | |
| **INDOOR COIL MODEL NO.** | | **AHP30** | | | | | | | | | | | | | | | |
| **CONDENSING ENTERING AIR TEMPERATURE** | **IDCFM** | 600 | | | | | 800 | | | | | 1000 | | | | | |
| | **ID DB (°F)** | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 | |
| | **ID WB (°F)** | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 | |
| 65 | T.C. | 22.6 | 25.9 | 25.9 | 28.3 | 29.4 | 25.2 | 27.1 | 26.8 | 29.2 | 30.4 | 27.9 | 28.3 | 27.6 | 30.0 | 31.4 | |
| | S.C. | 22.6 | 20.9 | 18.1 | 18.1 | 15.5 | 25.2 | 23.9 | 19.7 | 19.5 | 16.1 | 27.9 | 26.9 | 21.3 | 20.9 | 16.6 | |
| | KW | 1.60 | 1.60 | 1.60 | 1.70 | 1.70 | 1.70 | 1.70 | 1.70 | 1.70 | 1.70 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | |
| 75 | T.C. | 21.5 | 24.1 | 24.2 | 26.6 | 28.1 | 23.9 | 25.3 | 25.1 | 27.5 | 29.0 | 26.3 | 26.4 | 26.0 | 28.5 | 29.9 | |
| | S.C. | 21.5 | 20.1 | 17.3 | 17.3 | 14.7 | 23.9 | 22.8 | 19.1 | 18.9 | 15.4 | 26.3 | 25.6 | 20.9 | 20.6 | 16.1 | |
| | KW | 1.70 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.90 | 1.80 | 1.90 | 1.90 | 1.90 | 1.90 | 1.90 | 2.00 | 2.00 | |
| 85 | T.C. | 20.4 | 22.3 | 22.4 | 24.8 | 26.8 | 22.6 | 23.4 | 23.4 | 25.9 | 27.6 | 24.7 | 24.5 | 24.4 | 26.9 | 28.4 | |
| | S.C. | 20.4 | 19.4 | 16.5 | 16.4 | 13.8 | 22.6 | 21.8 | 18.6 | 18.4 | 14.7 | 24.7 | 24.3 | 20.6 | 20.3 | 15.6 | |
| | KW | 1.90 | 1.90 | 1.90 | 1.90 | 1.90 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | |
| 95 | T.C. | 19.4 | 20.6 | 20.6 | 23.0 | 25.5 | 21.2 | 21.6 | 21.7 | 24.2 | 26.2 | 23.1 | 22.6 | 22.7 | 25.4 | 26.9 | |
| | S.C. | 19.4 | 18.6 | 15.7 | 15.6 | 13.0 | 21.2 | 20.8 | 18.0 | 17.8 | 14.0 | 23.1 | 22.6 | 20.2 | 20.0 | 15.1 | |
| | KW | 2.00 | 2.00 | 2.00 | 2.00 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | 2.20 | 2.20 | 2.20 | 2.20 | 2.30 | 2.30 | |
| 105 | T.C. | 17.6 | 18.0 | 18.0 | 20.9 | 23.5 | 19.4 | 19.5 | 18.9 | 21.9 | 24.3 | 21.3 | 21.0 | 19.9 | 23.0 | 25.1 | |
| | S.C. | 17.6 | 17.2 | 14.5 | 14.7 | 12.0 | 19.4 | 19.3 | 16.7 | 16.9 | 13.2 | 21.3 | 21.0 | 18.8 | 19.1 | 14.4 | |
| | KW | 2.10 | 2.10 | 2.10 | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 | 2.30 | 2.30 | 2.30 | 2.30 | 2.30 | 2.40 | 2.40 | |
| 115 | T.C. | 15.8 | 15.5 | 15.4 | 18.8 | 21.5 | 17.6 | 17.5 | 16.2 | 19.7 | 22.4 | 19.5 | 19.5 | 17.0 | 20.6 | 23.3 | |
| | S.C. | 15.8 | 15.5 | 13.3 | 13.9 | 11.1 | 17.6 | 17.5 | 15.3 | 16.0 | 12.4 | 19.5 | 19.5 | 17.0 | 18.2 | 13.7 | |
| | KW | 2.20 | 2.20 | 2.20 | 2.30 | 2.40 | 2.30 | 2.30 | 2.30 | 2.40 | 2.50 | 2.50 | 2.50 | 2.40 | 2.50 | 2.60 | |
| 125 | T.C. | 13.9 | 13.0 | 12.7 | 16.6 | 19.5 | 15.8 | 15.5 | 13.4 | 17.4 | 20.5 | 17.7 | 17.9 | 14.1 | 18.2 | 21.5 | |
| | S.C. | 13.9 | 13.0 | 12.1 | 13.0 | 10.1 | 15.8 | 15.5 | 13.4 | 15.2 | 11.5 | 17.7 | 17.9 | 14.1 | 17.3 | 13.0 | |
| | KW | 2.30 | 2.20 | 2.20 | 2.40 | 2.50 | 2.40 | 2.40 | 2.40 | 2.50 | 2.60 | 2.60 | 2.60 | 2.50 | 2.60 | 2.70 | |
| **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 | 1.02 | 1.00 | 1.02 |
| – | FC/MC/PC35 | 1.02 | 1.00 | 1.02 |
| – | FC/MC/PC37 | 1.03 | 1.02 | 1.02 |
| – | FC/MC/PC43 | 1.03 | 1.02 | 1.02 |
| AHE24B | – | 1.03 | 1.02 | 0.94 |
| AHE30B | – | 1.03 | 1.02 | 0.94 |
| AHR24B | – | 1.02 | 0.98 | 0.98 |
| AHV24B | – | 1.02 | 0.97 | 0.93 |
| AHV30B | – | 1.02 | 1.01 | 0.94 |
| AHV36C | – | 1.03 | 1.02 | 0.93 |
| AV*36 | – | 1.02 | 1.00 | 0.92 |
| MV12B | FC/MC35B | 1.05 | 1.03 | 0.94 |
| MV12B | FC/MC43B | 1.06 | 1.04 | 0.94 |
| MX12B | FC/MC35B | 1.06 | 1.03 | 0.92 |
| MX12B | FC/MC43B | 1.02 | 1.01 | 0.92 |

**Continued on next page.**

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*(8,L)V*A12 | FC/MC/PC32A | 1.02 | 0.99 | 0.94 |
| T*(8,L)V*A12 | FC/MC/PC37A | 1.06 | 1.04 | 0.94 |
| T*(8,L)V*B12 | FC/MC/PC35B | 1.05 | 1.02 | 0.94 |
| T*(8,L)V*B12 | FC/MC/PC43B | 1.06 | 1.04 | 0.94 |
| T*(8,L)V*C16 | FC/MC/PC35C | 1.05 | 1.03 | 0.93 |
| T*(8,L)V*C16 | FC/MC/PC43C | 1.07 | 1.04 | 0.93 |
| T*(8,L)V*C20 | FC/MC/PC35C | 1.02 | 1.00 | 0.93 |
| T*(8,L)V*C20 | FC/MC/PC43C | 1.02 | 1.01 | 0.92 |
| T*(8,L)X*A12 | FC/MC/PC32A | 1.05 | 1.03 | 0.92 |
| T*(8,L)X*A12 | FC/MC/PC37A | 1.07 | 1.09 | 0.92 |
| T*(8,L)X*B12 | FC/MC/PC35B | 1.05 | 1.06 | 0.92 |
| T*(8,L)X*B12 | FC/MC/PC43B | 1.07 | 1.10 | 0.93 |
| T*(8,L)X*C16 | FC/MC/PC35C | 1.05 | 1.07 | 0.92 |
| T*(8,L)X*C16 | FC/MC/PC43C | 1.08 | 1.10 | 0.93 |
| T*(8,L)X*C20 | FC/MC/PC35C | 1.07 | 1.09 | 0.95 |
| T*(8,L)X*C20 | FC/MC/PC43C | 1.07 | 1.04 | 0.93 |
| T*9V*A10 | FC/MC/PC32A | 1.03 | 1.01 | 0.98 |
| T*9V*A10 | FC/MC/PC37A | 1.05 | 1.03 | 0.99 |
| T*9(C,V)*B12 | FC/MC/PC35B | 1.04 | 1.02 | 0.95 |
| T*9(C,V)*B12 | FC/MC/PC43B | 1.06 | 1.04 | 0.95 |
| T*9(C,V)*C16 | FC/MC/PC35C | 1.05 | 1.08 | 0.95 |
| T*9(C,V)*C16 | FC/MC/PC43C | 1.06 | 1.04 | 0.94 |
| T*9(C,V)*C20 | FC/MC/PC35C | 1.02 | 1.00 | 0.93 |

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*9(C,V)*C20 | FC/MC/PC43C | 1.07 | 1.11 | 0.96 |
| T*9X*A10 | FC/MC/PC32A | 1.02 | 0.99 | 0.96 |
| T*9X*A10 | FC/MC/PC37A | 1.02 | 0.99 | 0.96 |
| T*9X*B12 | FC/MC/PC35B | 1.05 | 1.03 | 0.92 |
| T*9X*B12 | FC/MC/PC43B | 1.07 | 1.05 | 0.93 |
| T*9X*C16 | FC/MC/PC35C | 1.05 | 1.03 | 0.92 |
| T*9X*C16 | FC/MC/PC43C | 1.07 | 1.05 | 0.92 |
| T*9X*C20 | FC/MC/PC35C | 1.05 | 1.03 | 0.93 |
| T*9X*C20 | FC/MC/PC43C | 1.07 | 1.04 | 0.94 |
| Y*(8,L)C*A12 | FC/MC/PC32A | 1.02 | 0.99 | 0.94 |
| Y*(8,L)C*A12 | FC/MC/PC37A | 1.06 | 1.04 | 0.94 |
| Y*(8,L)C*B12 | FC/MC/PC35B | 1.05 | 1.02 | 0.94 |
| Y*(8,L)C*B12 | FC/MC/PC43B | 1.06 | 1.04 | 0.94 |
| Y*(8,L)C*C16 | FC/MC/PC35C | 1.05 | 1.03 | 0.93 |
| Y*(8,L)C*C16 | FC/MC/PC43C | 1.07 | 1.04 | 0.93 |
| Y*(8,L)C*C20 | FC/MC/PC35C | 1.02 | 1.00 | 0.93 |
| Y*(8,L)C*C20 | FC/MC/PC43C | 1.02 | 1.01 | 0.92 |
| Y*9C*B12 | FC/MC/PC35B | 1.04 | 1.02 | 0.95 |
| Y*9C*B12 | FC/MC/PC43B | 1.06 | 1.04 | 0.95 |
| Y*9C*C16 | FC/MC/PC35C | 1.05 | 1.08 | 0.95 |
| Y*9C*C16 | FC/MC/PC43C | 1.06 | 1.04 | 0.94 |
| Y*9C*C20 | FC/MC/PC35C | 1.02 | 1.00 | 0.93 |
| Y*9C*C20 | FC/MC/PC43C | 1.07 | 1.11 | 0.96 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO.** | | **YHJD30S41S4** | | | | | | | | | | | | | | | |
| **INDOOR COIL MODEL NO.** | | **AHP30** | | | | | | | | | | | | | | | |
| **CONDENSING ENTERING AIR TEMPERATURE** | **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 | 1.00 | 1.05 | 1.00 |
| – | FC/MC/PC35 | 1.00 | 1.05 | 1.00 |
| – | FC/MC/PC37 | 1.02 | 1.07 | 1.00 |
| – | FC/MC/PC43 | 1.02 | 1.07 | 1.00 |
| AHE30B | – | 1.02 | 1.06 | 0.94 |
| AHE36C | – | 1.04 | 1.11 | 0.92 |
| AHR30B | – | 1.02 | 1.11 | 1.01 |
| AHR36B | – | 1.03 | 1.10 | 1.01 |
| AHV30B | – | 1.02 | 1.07 | 0.96 |
| AHV36C | – | 1.02 | 1.05 | 0.91 |
| AV*36 | – | 1.04 | 1.09 | 0.91 |
| MV12B | FC/MC35B | 1.02 | 1.07 | 0.92 |
| MV12B | FC/MC43B | 1.04 | 1.09 | 0.93 |
| MV16C | FC/MC35C | 1.04 | 1.12 | 0.92 |
| MV16C | FC/MC43C | 1.04 | 1.09 | 0.93 |
| MX12B | FC/MC35B | 1.03 | 1.12 | 0.93 |
| MX12B | FC/MC43B | 1.05 | 1.15 | 0.94 |
| MX16C | FC/MC35C | 1.03 | 1.08 | 0.90 |
| MX16C | FC/MC43C | 1.05 | 1.10 | 0.91 |

**Continued on next page.**

| Furnaces | Coils | T.C. | S.C | KW |
|---|---|---|---|---|
| T*(8,L)V*A12 | FC/MC/PC32A | 1.01 | 1.05 | 0.99 |
| T*(8,L)V*A12 | FC/MC/PC37A | 1.02 | 1.06 | 0.95 |
| T*(8,L)V*B12 | FC/MC/PC35B | 1.02 | 1.06 | 0.95 |
| T*(8,L)V*B12 | FC/MC/PC43B | 1.04 | 1.09 | 0.96 |
| T*(8,L)V*C16 | FC/MC/PC35C | 1.02 | 1.07 | 0.93 |
| T*(8,L)V*C16 | FC/MC/PC43C | 1.04 | 1.09 | 0.93 |
| T*(8,L)V*C20 | FC/MC/PC35C | 1.02 | 1.07 | 0.94 |
| T*(8,L)V*C20 | FC/MC/PC43C | 1.04 | 1.10 | 0.91 |
| T*(8,L)X*A12 | FC/MC/PC32A | 1.02 | 1.06 | 0.95 |
| T*(8,L)X*A12 | FC/MC/PC37A | 1.06 | 1.16 | 0.94 |
| T*(8,L)X*B12 | FC/MC/PC35B | 1.04 | 1.14 | 0.94 |
| T*(8,L)X*B12 | FC/MC/PC43B | 1.06 | 1.17 | 0.94 |
| T*(8,L)X*C16 | FC/MC/PC35C | 1.04 | 1.14 | 0.93 |
| T*(8,L)X*C16 | FC/MC/PC43C | 1.04 | 1.10 | 0.91 |
| T*(8,L)X*C20 | FC/MC/PC35C | 1.00 | 1.00 | 0.89 |
| T*(8,L)X*C20 | FC/MC/PC43C | 1.02 | 1.03 | 0.90 |
| T*9(C,V)*B12 | FC/MC/PC35B | 1.01 | 1.06 | 0.97 |
| T*9(C,V)*B12 | FC/MC/PC43B | 1.03 | 1.08 | 0.96 |
| T*9(C,V)*C16 | FC/MC/PC35C | 1.02 | 1.07 | 0.94 |
| T*9(C,V)*C16 | FC/MC/PC43C | 1.04 | 1.09 | 0.95 |
| T*9(C,V)*C20 | FC/MC/PC35C | 1.02 | 1.07 | 0.93 |

| Furnaces | Coils | T.C. | S.C | KW |
|---|---|---|---|---|
| T*9(C,V)*C20 | FC/MC/PC43C | 1.04 | 1.09 | 0.93 |
| T*9X*B12 | FC/MC/PC35B | 1.03 | 1.12 | 0.94 |
| T*9X*B12 | FC/MC/PC43B | 1.05 | 1.15 | 0.94 |
| T*9X*C16 | FC/MC/PC35C | 1.04 | 1.12 | 0.93 |
| T*9X*C16 | FC/MC/PC43C | 1.05 | 1.13 | 0.93 |
| T*9X*C20 | FC/MC/PC35C | 1.00 | 1.00 | 0.89 |
| T*9X*C20 | FC/MC/PC43C | 0.97 | 0.95 | 0.89 |
| Y*(8,L)C*A12 | FC/MC/PC32A | 1.01 | 1.05 | 0.99 |
| Y*(8,L)C*A12 | FC/MC/PC37A | 1.02 | 1.06 | 0.95 |
| Y*(8,L)C*B12 | FC/MC/PC35B | 1.02 | 1.06 | 0.95 |
| Y*(8,L)C*B12 | FC/MC/PC43B | 1.04 | 1.09 | 0.96 |
| Y*(8,L)C*C16 | FC/MC/PC35C | 1.02 | 1.07 | 0.93 |
| Y*(8,L)C*C16 | FC/MC/PC43C | 1.04 | 1.09 | 0.93 |
| Y*(8,L)C*C20 | FC/MC/PC35C | 1.02 | 1.07 | 0.94 |
| Y*(8,L)C*C20 | FC/MC/PC43C | 1.04 | 1.10 | 0.91 |
| Y*9C*B12 | FC/MC/PC35B | 1.01 | 1.06 | 0.97 |
| Y*9C*B12 | FC/MC/PC43B | 1.03 | 1.08 | 0.96 |
| Y*9C*C16 | FC/MC/PC35C | 1.02 | 1.07 | 0.94 |
| Y*9C*C16 | FC/MC/PC43C | 1.04 | 1.09 | 0.95 |
| Y*9C*C20 | FC/MC/PC35C | 1.02 | 1.07 | 0.93 |
| Y*9C*C20 | FC/MC/PC43C | 1.04 | 1.09 | 0.93 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO.** | | **YHJD36S41S4** | | | | | | | | | | | | | | | |
| **INDOOR COIL MODEL NO.** | | **AHP36** | | | | | | | | | | | | | | | |
| **CONDENSING ENTERING AIR TEMPERATURE** | **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 | 1.03 | 1.02 | 1.02 |
| – | FC/MC/PC43 | 1.03 | 1.02 | 1.02 |
| – | FC/MC/PC48 | 1.03 | 1.03 | 1.02 |
| – | UC48 | 1.04 | 1.03 | 1.02 |
| AHE36C | – | 1.05 | 1.04 | 0.96 |
| AHE42D | – | 1.05 | 1.05 | 0.94 |
| AHR36B | – | 1.04 | 1.04 | 1.02 |
| AHR42C | – | 1.04 | 1.04 | 1.01 |
| AHV36C | – | 1.04 | 1.04 | 0.97 |
| AHV42D | – | 1.05 | 1.05 | 0.95 |
| AV*36 | – | 1.05 | 1.04 | 0.96 |
| MV12B | FC/MC43B | 1.04 | 1.04 | 0.97 |
| MV12D | FC/MC48D | 1.06 | 1.05 | 0.93 |
| MV16C | FC/MC43C | 1.05 | 1.04 | 0.96 |
| MV16C | FC/MC48C | 1.05 | 1.05 | 0.95 |
| MX12B | FC/MC43B | 1.04 | 1.04 | 0.97 |
| MX12D | FC/MC48D | 1.05 | 1.05 | 0.95 |
| MX16C | FC/MC43C | 1.05 | 1.04 | 0.94 |
| MX16C | FC/MC48C | 1.06 | 1.05 | 0.93 |

**Continued on next page.**

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*(8,L)V*A12 | FC/MC/PC37A | 1.03 | 1.03 | 1.00 |
| T*(8,L)V*B12 | FC/MC/PC43B | 1.04 | 1.06 | 1.01 |
| T*(8,L)V*C16 | FC/MC/PC43C | 1.04 | 1.04 | 0.96 |
| T*(8,L)V*C16 | FC/MC/PC48C | 1.05 | 1.05 | 0.96 |
| T*(8,L)V*C16 | UC48C | 1.05 | 1.05 | 0.96 |
| T*(8,L)V*C20 | FC/MC/PC43C | 1.04 | 1.04 | 0.96 |
| T*(8,L)V*C20 | FC/MC/PC48C | 1.05 | 1.05 | 0.95 |
| T*(8,L)V*C20 | UC48C | 1.06 | 1.05 | 0.95 |
| T*(8,L)X*A12 | FC/MC/PC37A | 1.06 | 1.07 | 0.97 |
| T*(8,L)X*B12 | FC/MC/PC43B | 1.05 | 1.08 | 0.97 |
| T*(8,L)X*C16 | FC/MC/PC43C | 1.05 | 1.04 | 0.94 |
| T*(8,L)X*C16 | FC/MC/PC48C | 1.06 | 1.05 | 0.93 |
| T*(8,L)X*C16 | UC48C | 1.06 | 1.06 | 0.93 |
| T*(8,L)X*C20 | FC/MC/PC43C | 1.05 | 1.07 | 0.95 |
| T*(8,L)X*C20 | FC/MC/PC48C | 1.07 | 1.09 | 0.95 |
| T*(8,L)X*C20 | UC48C | 1.07 | 1.10 | 0.94 |
| T*9(C,V)*B12 | FC/MC/PC43B | 1.03 | 1.03 | 1.00 |
| T*9(C,V)*C16 | FC/MC/PC43C | 1.04 | 1.03 | 0.99 |
| T*9(C,V)*C16 | FC/MC/PC48C | 1.05 | 1.04 | 0.97 |
| T*9(C,V)*C16 | UC48C | 1.05 | 1.04 | 0.97 |
| T*9(C,V)*C20 | FC/MC/PC43C | 1.04 | 1.04 | 0.97 |
| T*9(C,V)*C20 | FC/MC/PC48C | 1.07 | 1.10 | 0.99 |
| T*9(C,V)*C20 | UC48C | 1.07 | 1.10 | 1.00 |
| T*9(C,V)*D20 | FC/MC/PC48D | 1.05 | 1.04 | 0.96 |
| T*9(C,V)*D20 | UC48D | 1.05 | 1.04 | 0.97 |
| T*9X*B12 | FC/MC/PC43B | 1.05 | 1.07 | 0.97 |

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*9X*C16 | FC/MC/PC43C | 1.05 | 1.07 | 0.97 |
| T*9X*C16 | FC/MC/PC48C | 1.06 | 1.09 | 0.96 |
| T*9X*C16 | UC48C | 1.07 | 1.09 | 0.97 |
| T*9X*C20 | FC/MC/PC43C | 1.05 | 1.04 | 0.96 |
| T*9X*C20 | FC/MC/PC48C | 1.05 | 1.05 | 0.95 |
| T*9X*C20 | UC48C | 1.06 | 1.05 | 0.96 |
| T*9X*D20 | FC/MC/PC48D | 1.05 | 1.05 | 0.95 |
| T*9X*D20 | UC48D | 1.06 | 1.05 | 0.95 |
| Y*(8,L)C*A12 | FC/MC/PC37A | 1.03 | 1.03 | 1.00 |
| Y*(8,L)C*B12 | FC/MC/PC43B | 1.04 | 1.06 | 1.01 |
| Y*(8,L)C*C16 | FC/MC/PC43C | 1.04 | 1.04 | 0.96 |
| Y*(8,L)C*C16 | FC/MC/PC48C | 1.05 | 1.05 | 0.96 |
| Y*(8,L)C*C16 | UC48C | 1.05 | 1.05 | 0.96 |
| Y*(8,L)C*C20 | FC/MC/PC43C | 1.04 | 1.04 | 0.96 |
| Y*(8,L)C*C20 | FC/MC/PC48C | 1.05 | 1.05 | 0.95 |
| Y*(8,L)C*C20 | UC48C | 1.06 | 1.05 | 0.95 |
| Y*9C*B12 | FC/MC/PC43B | 1.03 | 1.03 | 1.00 |
| Y*9C*C16 | FC/MC/PC43C | 1.04 | 1.03 | 0.99 |
| Y*9C*C16 | FC/MC/PC48C | 1.05 | 1.04 | 0.97 |
| Y*9C*C16 | UC48C | 1.05 | 1.04 | 0.97 |
| Y*9C*C20 | FC/MC/PC43C | 1.04 | 1.04 | 0.97 |
| Y*9C*C20 | FC/MC/PC48C | 1.07 | 1.10 | 0.99 |
| Y*9C*C20 | UC48C | 1.07 | 1.10 | 1.00 |
| Y*9C*D20 | FC/MC/PC48D | 1.05 | 1.04 | 0.96 |
| Y*9C*D20 | UC48D | 1.05 | 1.04 | 0.97 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO.** | | **YHJD42S41S4** | | | | | | | | | | | | | | | |
| **INDOOR COIL MODEL NO.** | | **AHP48** | | | | | | | | | | | | | | | |
| **CONDENSING ENTERING AIR TEMPERATURE** | **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 | 29.9 | 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 | 0.96 | 0.99 | 1.01 |
| – | UC60 | 0.96 | 0.98 | 1.02 |
| AHE48D | – | 0.98 | 1.01 | 0.94 |
| AHR48D | – | 0.96 | 0.96 | 1.01 |
| AHV48D | – | 0.97 | 0.97 | 0.96 |
| AV*48 | – | 0.98 | 1.01 | 0.94 |
| AV*60 | – | 0.98 | 1.01 | 0.94 |
| MV16C | FC60C | 0.98 | 1.00 | 0.97 |
| MV20D | FC/MC60D | 0.98 | 1.00 | 0.96 |
| MX16C | FC60C | 0.98 | 1.01 | 0.94 |
| MX20D | FC/MC60D | 1.01 | 1.06 | 0.94 |

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*(8,L)V*C16 | FC/PC60C | 0.97 | 1.00 | 0.98 |
| T*(8,L)V*C16 | UC60C | 0.97 | 1.00 | 0.97 |
| T*(8,L)V*C20 | FC/PC60C | 0.98 | 1.00 | 0.96 |
| T*(8,L)V*C20 | UC60C | 0.97 | 1.00 | 0.96 |
| T*(8,L)X*C16 | FC/PC60C | 0.98 | 1.01 | 0.94 |
| T*(8,L)X*C16 | UC60C | 0.98 | 1.01 | 0.94 |
| T*(8,L)X*C20 | FC/PC60C | 1.01 | 1.06 | 0.96 |
| T*(8,L)X*C20 | UC60C | 0.98 | 1.04 | 0.95 |
| T*9(C,V)*C16 | FC/PC60C | 0.97 | 0.99 | 1.01 |

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*9(C,V)*C16 | UC60C | 0.96 | 0.99 | 1.00 |
| T*9(C,V)*C20 | FC/PC60C | 0.97 | 1.00 | 0.99 |
| T*9(C,V)*C20 | UC60C | 0.97 | 0.99 | 0.99 |
| T*9(C,V)*D20 | FC/MC/PC60D | 0.97 | 1.00 | 0.98 |
| T*9(C,V)*D20 | UC60D | 0.97 | 1.00 | 0.98 |
| T*9X*C16 | FC/PC60C | 1.00 | 1.04 | 0.97 |
| T*9X*C16 | UC60C | 0.97 | 1.00 | 0.96 |
| T*9X*C20 | FC/PC60C | 1.00 | 1.05 | 0.96 |
| T*9X*C20 | UC60C | 0.98 | 1.00 | 0.96 |
| T*9X*D20 | FC/MC/PC60D | 1.01 | 1.08 | 0.95 |
| T*9X*D20 | UC60D | 1.00 | 1.05 | 0.95 |
| Y*(8,L)C*C16 | FC/PC60C | 0.97 | 1.00 | 0.98 |
| Y*(8,L)C*C16 | UC60C | 0.97 | 1.00 | 0.97 |
| Y*(8,L)C*C20 | FC/PC60C | 0.98 | 1.00 | 0.96 |
| Y*(8,L)C*C20 | UC60C | 0.97 | 1.00 | 0.96 |
| Y*9C*C16 | FC/PC60C | 0.97 | 0.99 | 1.01 |
| Y*9C*C16 | UC60C | 0.96 | 0.99 | 1.00 |
| Y*9C*C20 | FC/PC60C | 0.97 | 1.00 | 0.99 |
| Y*9C*C20 | UC60C | 0.97 | 0.99 | 0.99 |
| Y*9C*D20 | FC/MC/PC60D | 0.97 | 1.00 | 0.98 |
| Y*9C*D20 | UC60D | 0.97 | 1.00 | 0.98 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO.** | | **YHJD48S41S4** | | | | | | | | | | | | | | |
| **INDOOR COIL MODEL NO.** | | **AHP48** | | | | | | | | | | | | | | |
| **CONDENSING ENTERING AIR TEMPERATURE** | **IDCFM** | 1510 | | | | | 1710 | | | | | 1910 | | | | |
| | **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. | 47.6 | 50.1 | 49.8 | 54.1 | 60.7 | 49.4 | 50.8 | 51.0 | 55.8 | 61.9 | 51.2 | 51.5 | 52.2 | 57.5 | 63.1 |
| | S.C. | 47.6 | 44.7 | 37.8 | 37.0 | 30.4 | 49.4 | 48.3 | 39.9 | 39.3 | 31.5 | 51.2 | 51.5 | 42.0 | 41.6 | 32.6 |
| | KW | 2.90 | 2.90 | 2.90 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.20 |
| 75 | T.C. | 45.1 | 46.6 | 46.5 | 50.8 | 56.9 | 46.7 | 47.2 | 47.5 | 52.2 | 58.0 | 48.4 | 47.9 | 48.5 | 53.6 | 59.0 |
| | S.C. | 45.1 | 43.1 | 36.2 | 35.6 | 28.9 | 46.7 | 45.8 | 38.3 | 37.8 | 30.0 | 48.4 | 47.9 | 40.3 | 40.0 | 31.1 |
| | KW | 3.20 | 3.20 | 3.20 | 3.20 | 3.30 | 3.20 | 3.20 | 3.20 | 3.30 | 3.30 | 3.30 | 3.30 | 3.30 | 3.40 | 3.40 |
| 85 | T.C. | 42.5 | 43.1 | 43.2 | 47.5 | 53.2 | 44.1 | 43.7 | 44.0 | 48.6 | 54.1 | 45.6 | 44.3 | 44.7 | 49.7 | 55.0 |
| | S.C. | 42.5 | 41.5 | 34.7 | 34.2 | 27.3 | 44.1 | 43.3 | 36.7 | 36.2 | 28.4 | 45.6 | 44.3 | 38.7 | 38.3 | 29.6 |
| | KW | 3.40 | 3.40 | 3.40 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.60 | 3.60 | 3.60 | 3.60 | 3.60 | 3.70 |
| 95 | T.C. | 40.0 | 39.6 | 39.9 | 44.2 | 49.4 | 41.4 | 40.2 | 40.4 | 45.0 | 50.2 | 42.8 | 40.7 | 41.0 | 45.8 | 51.0 |
| | S.C. | 40.0 | 39.6 | 33.1 | 32.7 | 25.8 | 41.4 | 40.2 | 35.0 | 34.7 | 26.9 | 42.8 | 40.7 | 37.0 | 36.6 | 28.0 |
| | KW | 3.60 | 3.60 | 3.60 | 3.70 | 3.80 | 3.70 | 3.70 | 3.70 | 3.80 | 3.90 | 3.80 | 3.80 | 3.80 | 3.90 | 4.00 |
| 105 | T.C. | 37.2 | 37.1 | 36.3 | 40.6 | 45.3 | 38.5 | 37.8 | 36.8 | 41.1 | 45.9 | 39.7 | 38.6 | 37.2 | 41.7 | 46.6 |
| | S.C. | 37.2 | 37.1 | 31.6 | 31.3 | 24.2 | 38.5 | 37.8 | 33.5 | 33.2 | 25.2 | 39.7 | 38.6 | 35.4 | 35.1 | 26.3 |
| | KW | 3.90 | 3.90 | 3.90 | 4.00 | 4.10 | 4.00 | 4.00 | 3.90 | 4.00 | 4.20 | 4.10 | 4.10 | 4.00 | 4.10 | 4.20 |
| 115 | T.C. | 34.5 | 34.5 | 32.8 | 36.9 | 41.1 | 35.5 | 35.5 | 33.1 | 37.2 | 41.6 | 36.6 | 36.4 | 33.5 | 37.6 | 42.1 |
| | S.C. | 34.5 | 34.5 | 30.0 | 29.8 | 22.5 | 35.5 | 35.5 | 31.9 | 31.7 | 23.6 | 36.6 | 36.4 | 33.5 | 33.5 | 24.6 |
| | KW | 4.10 | 4.10 | 4.10 | 4.20 | 4.30 | 4.20 | 4.20 | 4.20 | 4.30 | 4.40 | 4.40 | 4.40 | 4.30 | 4.40 | 4.50 |
| 125 | T.C. | 31.7 | 31.9 | 29.3 | 33.2 | 37.0 | 32.6 | 33.1 | 29.5 | 33.3 | 37.3 | 33.5 | 34.2 | 29.7 | 33.4 | 37.7 |
| | S.C. | 31.7 | 31.9 | 28.5 | 28.3 | 20.9 | 32.6 | 33.1 | 29.5 | 30.1 | 21.9 | 33.5 | 34.2 | 29.7 | 31.9 | 22.9 |
| | KW | 4.40 | 4.40 | 4.30 | 4.50 | 4.60 | 4.50 | 4.50 | 4.40 | 4.50 | 4.70 | 4.60 | 4.60 | 4.50 | 4.60 | 4.80 |
| **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/PC60 | 0.98 | 0.97 | 0.98 |
| – | FC/MC62 | 0.99 | 0.98 | 0.98 |
| – | UC60 | 0.97 | 0.95 | 0.97 |
| AHE48D | – | 0.99 | 0.97 | 0.93 |
| AHE60D | – | 1.00 | 0.99 | 0.92 |
| AHR48D | – | 0.98 | 0.95 | 0.98 |
| AHR60D | – | 0.98 | 0.97 | 0.97 |
| AHV48D | – | 0.99 | 0.96 | 0.94 |
| AHV60D | – | 0.99 | 0.99 | 0.94 |
| AV*48 | – | 0.99 | 0.99 | 0.93 |
| AV*60 | – | 1.00 | 0.99 | 0.93 |
| MV16C | FC60C | 0.99 | 0.99 | 0.94 |
| MV20D | FC/MC60D | 0.99 | 0.99 | 0.94 |
| MV20D | FC/MC62D | 1.00 | 0.99 | 0.93 |
| MX16C | FC60C | 1.00 | 0.99 | 0.92 |
| MX20D | FC/MC60D | 1.00 | 1.00 | 0.91 |
| MX20D | FC/MC62D | 1.01 | 1.00 | 0.91 |

**Continued on next page.**

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*(8,L)V*C16 | FC/MC62D | 0.99 | 0.99 | 0.95 |
| T*(8,L)V*C16 | FC/PC60C | 0.98 | 0.98 | 0.96 |
| T*(8,L)V*C16 | UC60C | 0.98 | 0.95 | 0.96 |
| T*(8,L)V*C20 | FC/MC62D | 1.00 | 0.99 | 0.95 |
| T*(8,L)V*C20 | FC/PC60C | 0.99 | 0.98 | 0.96 |
| T*(8,L)V*C20 | UC60C | 0.98 | 0.96 | 0.94 |
| T*(8,L)X*C16 | FC/MC62D | 1.00 | 0.99 | 0.95 |
| T*(8,L)X*C16 | FC/PC60C | 0.99 | 0.99 | 0.94 |
| T*(8,L)X*C16 | UC60C | 0.98 | 0.96 | 0.94 |
| T*(8,L)X*C20 | FC/MC62D | 1.00 | 0.99 | 0.94 |
| T*(8,L)X*C20 | FC/PC60C | 0.99 | 0.99 | 0.94 |
| T*(8,L)X*C20 | UC60C | 1.00 | 0.97 | 0.90 |
| T*9(C,V)*C16 | FC/MC62D | 0.99 | 0.99 | 0.96 |
| T*9(C,V)*C16 | FC/PC60C | 0.98 | 0.98 | 0.97 |
| T*9(C,V)*C16 | UC60C | 0.98 | 0.95 | 0.97 |
| T*9(C,V)*C20 | FC/MC62D | 0.99 | 0.98 | 0.98 |
| T*9(C,V)*C20 | FC/PC60C | 0.98 | 0.97 | 0.97 |
| T*9(C,V)*C20 | UC60C | 0.98 | 0.95 | 0.97 |
| T*9(C,V)*D20 | FC/MC/PC60D | 0.99 | 0.98 | 0.97 |
| T*9(C,V)*D20 | FC/MC62D | 0.99 | 0.98 | 0.96 |
| T*9(C,V)*D20 | UC60D | 0.98 | 0.95 | 0.96 |
| T*9X*C16 | FC/MC62D | 1.00 | 0.99 | 0.95 |
| T*9X*C16 | FC/PC60C | 0.99 | 0.99 | 0.95 |

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*9X*C16 | UC60C | 0.98 | 0.96 | 0.94 |
| T*9X*C20 | FC/MC62D | 1.00 | 0.99 | 0.94 |
| T*9X*C20 | FC/PC60C | 0.99 | 0.99 | 0.94 |
| T*9X*C20 | UC60C | 0.99 | 0.96 | 0.94 |
| T*9X*D20 | FC/MC/PC60D | 1.00 | 0.96 | 0.90 |
| T*9X*D20 | FC/MC62D | 1.00 | 0.99 | 0.95 |
| T*9X*D20 | UC60D | 0.98 | 0.95 | 0.89 |
| Y*(8,L)C*C16 | FC/MC62D | 0.99 | 0.99 | 0.95 |
| Y*(8,L)C*C16 | FC/PC60C | 0.98 | 0.98 | 0.96 |
| Y*(8,L)C*C16 | UC60C | 0.98 | 0.95 | 0.96 |
| Y*(8,L)C*C20 | FC/MC62D | 1.00 | 0.99 | 0.95 |
| Y*(8,L)C*C20 | FC/PC60C | 0.99 | 0.98 | 0.96 |
| Y*(8,L)C*C20 | UC60C | 0.98 | 0.96 | 0.94 |
| Y*9C*C16 | FC/MC62D | 0.99 | 0.99 | 0.96 |
| Y*9C*C16 | FC/PC60C | 0.98 | 0.98 | 0.97 |
| Y*9C*C16 | UC60C | 0.98 | 0.95 | 0.97 |
| Y*9C*C20 | FC/MC62D | 0.99 | 0.98 | 0.98 |
| Y*9C*C20 | FC/PC60C | 0.98 | 0.97 | 0.97 |
| Y*9C*C20 | UC60C | 0.98 | 0.95 | 0.97 |
| Y*9C*D20 | FC/MC/PC60D | 0.99 | 0.98 | 0.97 |
| Y*9C*D20 | FC/MC62D | 0.99 | 0.98 | 0.96 |
| Y*9C*D20 | UC60D | 0.98 | 0.95 | 0.96 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO.** | | **YHJD60S41S5** | | | | | | | | | | | | | | |
| **INDOOR COIL MODEL NO.** | | **AHX60** | | | | | | | | | | | | | | |
| **CONDENSING ENTERING AIR TEMPERATURE** | **IDCFM** | 1800 | | | | | 2000 | | | | | 2200 | | | | |
| | **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. | 57.5 | 60.5 | 60.5 | 66.0 | 72.0 | 59.4 | 61.6 | 61.6 | 67.1 | 73.0 | 61.2 | 62.7 | 62.6 | 68.2 | 74.0 |
| | S.C. | 57.1 | 52.5 | 44.9 | 44.2 | 35.6 | 58.9 | 55.6 | 46.8 | 46.2 | 36.7 | 60.8 | 58.6 | 48.8 | 48.2 | 37.7 |
| | KW | 3.59 | 3.62 | 3.62 | 3.68 | 3.75 | 3.68 | 3.70 | 3.71 | 3.76 | 3.83 | 3.78 | 3.79 | 3.79 | 3.85 | 3.92 |
| 75 | T.C. | 55.4 | 57.7 | 57.7 | 63.0 | 68.8 | 57.1 | 58.6 | 58.6 | 64.0 | 69.7 | 58.8 | 59.6 | 59.5 | 65.0 | 70.7 |
| | S.C. | 55.0 | 51.3 | 43.6 | 42.9 | 34.2 | 56.7 | 54.0 | 45.5 | 44.9 | 35.3 | 58.4 | 56.8 | 47.4 | 46.8 | 36.4 |
| | KW | 4.02 | 4.05 | 4.05 | 4.11 | 4.18 | 4.11 | 4.13 | 4.13 | 4.19 | 4.27 | 4.21 | 4.22 | 4.21 | 4.28 | 4.36 |
| 85 | T.C. | 53.3 | 54.8 | 54.9 | 60.1 | 65.6 | 54.9 | 55.7 | 55.6 | 61.0 | 66.5 | 56.5 | 56.5 | 56.3 | 61.8 | 67.4 |
| | S.C. | 52.9 | 50.0 | 42.2 | 41.6 | 32.8 | 54.5 | 52.5 | 44.1 | 43.6 | 33.9 | 56.1 | 54.9 | 46.1 | 45.5 | 35.0 |
| | KW | 4.45 | 4.47 | 4.47 | 4.54 | 4.61 | 4.55 | 4.56 | 4.56 | 4.62 | 4.70 | 4.64 | 4.64 | 4.64 | 4.71 | 4.79 |
| 95 | T.C. | 51.2 | 51.9 | 52.0 | 57.1 | 62.4 | 52.6 | 52.7 | 52.6 | 57.9 | 63.2 | 54.1 | 53.5 | 53.1 | 58.6 | 64.0 |
| | S.C. | 50.8 | 48.8 | 40.9 | 40.4 | 31.4 | 52.3 | 50.9 | 42.8 | 42.2 | 32.5 | 53.7 | 53.1 | 44.7 | 44.1 | 33.7 |
| | KW | 4.89 | 4.90 | 4.90 | 4.97 | 5.05 | 4.98 | 4.98 | 4.98 | 5.06 | 5.14 | 5.07 | 5.07 | 5.06 | 5.14 | 5.23 |
| 105 | T.C. | 48.5 | 48.3 | 48.6 | 53.4 | 58.5 | 49.8 | 49.5 | 49.1 | 54.0 | 59.1 | 51.2 | 50.6 | 49.5 | 54.6 | 59.7 |
| | S.C. | 48.1 | 46.6 | 39.4 | 38.8 | 29.9 | 49.5 | 48.4 | 41.3 | 40.7 | 31.0 | 50.8 | 50.2 | 43.1 | 42.6 | 32.1 |
| | KW | 5.43 | 5.42 | 5.43 | 5.50 | 5.58 | 5.52 | 5.52 | 5.51 | 5.59 | 5.67 | 5.62 | 5.62 | 5.60 | 5.68 | 5.76 |
| 115 | T.C. | 45.8 | 44.8 | 45.2 | 49.6 | 54.6 | 47.0 | 46.3 | 45.5 | 50.1 | 55.0 | 48.3 | 47.7 | 45.9 | 50.6 | 55.5 |
| | S.C. | 45.5 | 44.5 | 37.9 | 37.3 | 28.5 | 46.7 | 45.9 | 39.7 | 39.2 | 29.5 | 47.9 | 47.4 | 41.6 | 41.1 | 30.5 |
| | KW | 5.97 | 5.95 | 5.97 | 6.04 | 6.12 | 6.07 | 6.06 | 6.05 | 6.12 | 6.21 | 6.17 | 6.16 | 6.13 | 6.21 | 6.29 |
| 125 | T.C. | 43.1 | 41.2 | 41.7 | 45.9 | 50.7 | 44.2 | 43.0 | 42.0 | 46.2 | 50.9 | 45.4 | 44.9 | 42.3 | 46.5 | 51.2 |
| | S.C. | 42.8 | 41.2 | 36.3 | 35.7 | 27.0 | 43.9 | 43.0 | 38.2 | 37.6 | 28.0 | 45.0 | 44.5 | 40.0 | 39.5 | 28.9 |
| | KW | 6.51 | 6.48 | 6.50 | 6.57 | 6.65 | 6.62 | 6.59 | 6.58 | 6.66 | 6.74 | 6.72 | 6.71 | 6.66 | 6.74 | 6.82 |
| **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 | 0.99 | 0.97 | 0.96 |
| – | FC64 | 0.98 | 1.01 | 0.99 |
| AHE60D | – | 1.01 | 0.97 | 0.94 |
| AHR60D | – | 1.00 | 1.00 | 1.00 |
| AHV60D | – | 0.99 | 0.92 | 0.93 |
| MV20D | FC/MC62D | 1.00 | 0.98 | 0.94 |
| MV20D | FC64D | 0.98 | 1.02 | 0.97 |
| MX20D | FC/MC62D | 1.01 | 0.97 | 0.93 |
| MX20D | FC64D | 0.98 | 1.01 | 0.94 |

| Furnaces | Coils | T.C. | S.C. | KW |
|---|---|---|---|---|
| T*(8,L)V*C20 | FC/MC62D | 0.98 | 0.93 | 0.94 |
| T*(8,L)V*C20 | FC64D | 0.98 | 1.01 | 0.98 |
| T*(8,L)X*C20 | FC/MC62D | 0.99 | 0.95 | 0.91 |
| T*(8,L)X*C20 | FC64D | 0.97 | 0.97 | 0.93 |
| T*9(C,V)*C20 | FC/MC62D | 0.98 | 0.93 | 0.94 |
| T*9(C,V)*C20 | FC64D | 0.96 | 0.96 | 0.95 |
| T*9(C,V)*D20 | FC/MC62D | 0.99 | 0.93 | 0.94 |
| T*9(C,V)*D20 | FC64D | 0.96 | 0.95 | 0.95 |
| T*9X*C20 | FC/MC62D | 0.99 | 0.95 | 0.91 |
| T*9X*C20 | FC64D | 0.96 | 0.95 | 0.93 |
| T*9X*D20 | FC/MC62D | 0.99 | 0.95 | 0.92 |
| T*9X*D20 | FC64D | 0.97 | 0.96 | 0.94 |
| Y*(8,L)C*C20 | FC/MC62D | 0.98 | 0.93 | 0.94 |
| Y*(8,L)C*C20 | FC64D | 0.98 | 1.01 | 0.98 |
| Y*9C*C20 | FC/MC62D | 0.98 | 0.93 | 0.94 |
| Y*9C*C20 | FC64D | 0.96 | 0.96 | 0.96 |
| Y*9C*D20 | FC/MC62D | 0.99 | 0.93 | 0.94 |
| Y*9C*D20 | FC64D | 0.96 | 0.95 | 0.95 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO** | | **YHJD18S41S2** | | | | | | | | |
| **EVAPORATOR COIL MODEL NO** | | **FC35** | | | | | | | | |
| **AIR TEMP. ENTERING OUTDOOR UNIT** | **AIR TEMP. ENTERING INDOOR COIL** | ID CFM | | | | | | | | |
| | | 450 | | | 600 | | | 750 | | |
| | | MBH | COP | KW | MBH | COP | KW | MBH | COP | KW |
| 60 | 60 | 21.1 | 4.1 | 1.50 | 22.2 | 4.5 | 1.44 | 23.3 | 4.9 | 1.39 |
| | 70 | 20.5 | 3.6 | 1.65 | 21.6 | 4.0 | 1.59 | 22.6 | 4.3 | 1.53 |
| | 80 | 19.9 | 3.2 | 1.81 | 20.9 | 3.5 | 1.74 | 21.9 | 3.9 | 1.66 |
| 47 | 60 | 18.6 | 3.8 | 1.45 | 19.2 | 4.0 | 1.41 | 19.8 | 4.2 | 1.38 |
| | 70 | 17.7 | 3.3 | 1.60 | 18.4 | 3.5 | 1.55 | 19.1 | 3.7 | 1.51 |
| | 80 | 16.8 | 2.8 | 1.74 | 17.6 | 3.1 | 1.69 | 18.4 | 3.3 | 1.64 |
| 40 | 60 | 16.7 | 3.4 | 1.43 | 17.3 | 3.6 | 1.40 | 17.9 | 3.8 | 1.37 |
| | 70 | 16.1 | 3.0 | 1.57 | 16.8 | 3.2 | 1.53 | 17.4 | 3.4 | 1.50 |
| | 80 | 15.6 | 2.7 | 1.70 | 16.3 | 2.9 | 1.66 | 17.0 | 3.1 | 1.62 |
| 30 | 60 | 14.6 | 3.1 | 1.39 | 15.1 | 3.2 | 1.37 | 15.5 | 3.4 | 1.36 |
| | 70 | 14.2 | 2.7 | 1.52 | 14.6 | 2.9 | 1.50 | 15.0 | 3.0 | 1.48 |
| | 80 | 13.7 | 2.4 | 1.66 | 14.1 | 2.5 | 1.63 | 14.4 | 2.6 | 1.61 |
| 17 | 60 | 11.7 | 2.6 | 1.34 | 12.0 | 2.6 | 1.34 | 12.3 | 2.7 | 1.34 |
| | 70 | 11.2 | 2.2 | 1.48 | 11.6 | 2.3 | 1.47 | 11.9 | 2.4 | 1.46 |
| | 80 | 10.8 | 2.0 | 1.62 | 11.1 | 2.0 | 1.60 | 11.5 | 2.1 | 1.58 |
| 10 | 60 | 10.1 | 2.3 | 1.31 | 10.3 | 2.3 | 1.31 | 10.4 | 2.3 | 1.32 |
| | 70 | 9.6 | 1.9 | 1.45 | 9.9 | 2.0 | 1.44 | 10.2 | 2.1 | 1.44 |
| | 80 | 9.1 | 1.7 | 1.59 | 9.5 | 1.8 | 1.58 | 9.9 | 1.9 | 1.57 |
| **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/PC18 | 1.05 | 0.94 | 1.13 |
| – | FC/MC/PC24 | 1.06 | 0.98 | 1.08 |
| – | FC/MC/PC30 | 1.06 | 0.98 | 1.08 |
| – | UC24 | 1.05 | 0.98 | 1.08 |
| – | UC30 | 1.05 | 0.98 | 1.08 |
| AHE18B | – | 1.03 | 1.01 | 1.02 |
| AHR18B | – | 1.05 | 0.97 | 1.09 |
| AHV18B | – | 1.03 | 1.00 | 1.03 |
| AV*24 | – | 1.03 | 1.03 | 1.00 |
| MV12B | FC/MC/PC18B | 1.03 | 1.01 | 1.02 |
| MV12B | FC/MC24B | 1.04 | 1.03 | 1.00 |
| MV12B | FC/MC30B | 1.04 | 1.03 | 1.00 |
| MX12B | FC/MC/PC18B | 1.03 | 1.01 | 1.02 |
| MX12B | FC/MC24B | 1.03 | 1.08 | 0.96 |
| MX12B | FC/MC30B | 1.03 | 1.08 | 0.96 |

**Continued on next page.**

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*(8,L)V*A12 | FC/MC/PC18A | 1.03 | 0.99 | 1.04 |
| T*(8,L)V*A12 | FC/MC/PC24A | 1.04 | 1.06 | 0.98 |
| T*(8,L)V*A12 | FC/MC/PC30A | 1.04 | 1.06 | 0.98 |
| T*(8,L)V*A12 | UC18A | 1.04 | 1.02 | 1.02 |
| T*(8,L)V*A12 | UC24A | 1.04 | 1.06 | 0.98 |
| T*(8,L)V*A12 | UC30A | 1.04 | 1.06 | 0.98 |
| T*(8,L)V*B12 | FC/MC/PC18B | 1.03 | 0.99 | 1.04 |
| T*(8,L)V*B12 | FC/MC/PC24B | 1.03 | 1.04 | 0.99 |
| T*(8,L)V*B12 | FC/MC/PC30B | 1.03 | 1.04 | 0.99 |
| T*(8,L)V*B12 | UC18B | 1.04 | 1.02 | 1.01 |
| T*(8,L)V*B12 | UC24B | 1.03 | 1.06 | 0.97 |
| T*(8,L)V*B12 | UC30B | 1.03 | 1.06 | 0.97 |
| T*(8,L)X*A12 | FC/MC/PC18A | 1.02 | 0.98 | 1.05 |
| T*(8,L)X*A12 | FC/MC/PC24A | 1.03 | 1.06 | 0.97 |
| T*(8,L)X*A12 | FC/MC/PC30A | 1.03 | 1.06 | 0.97 |
| T*(8,L)X*A12 | UC18A | 1.03 | 1.03 | 1.00 |
| T*(8,L)X*A12 | UC24A | 1.03 | 1.05 | 0.98 |
| T*(8,L)X*A12 | UC30A | 1.03 | 1.05 | 0.98 |
| T*(8,L)X*B12 | FC/MC/PC18B | 1.03 | 1.01 | 1.02 |
| T*(8,L)X*B12 | FC/MC/PC24B | 1.03 | 1.06 | 0.97 |
| T*(8,L)X*B12 | FC/MC/PC30B | 1.03 | 1.06 | 0.97 |
| T*(8,L)X*B12 | UC18B | 1.03 | 1.03 | 1.00 |
| T*(8,L)X*B12 | UC24B | 1.03 | 1.06 | 0.97 |
| T*(8,L)X*B12 | UC30B | 1.03 | 1.06 | 0.97 |
| T*9V*A10 | FC/MC/PC18A | 1.03 | 0.98 | 1.05 |
| T*9V*A10 | FC/MC/PC24A | 1.04 | 1.03 | 1.01 |
| T*9V*A10 | FC/MC/PC30A | 1.04 | 1.03 | 1.01 |
| T*9(C,V)*B12 | FC/MC/PC18B | 1.03 | 1.01 | 1.02 |
| T*9(C,V)*B12 | FC/MC/PC24B | 1.03 | 1.05 | 0.99 |
| T*9(C,V)*B12 | FC/MC/PC30B | 1.03 | 1.05 | 0.99 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*9(C,V)*B12 | UC18B | 1.04 | 1.02 | 1.01 |
| T*9(C,V)*B12 | UC24B | 1.03 | 1.05 | 0.99 |
| T*9(C,V)*B12 | UC30B | 1.03 | 1.05 | 0.99 |
| T*9X*A10 | FC/MC/PC18A | 1.03 | 0.99 | 1.04 |
| T*9X*A10 | FC/MC/PC24A | 1.04 | 1.03 | 1.00 |
| T*9X*A10 | FC/MC/PC30A | 1.04 | 1.03 | 1.00 |
| T*9X*B12 | FC/MC/PC18B | 1.03 | 1.01 | 1.02 |
| T*9X*B12 | FC/MC/PC24B | 1.03 | 1.06 | 0.97 |
| T*9X*B12 | FC/MC/PC30B | 1.03 | 1.06 | 0.97 |
| T*9X*B12 | UC18B | 1.03 | 1.03 | 1.00 |
| T*9X*B12 | UC24B | 1.03 | 1.06 | 0.97 |
| T*9X*B12 | UC30B | 1.03 | 1.06 | 0.97 |
| Y*(8,L)C*A12 | FC/MC/PC18A | 1.03 | 0.99 | 1.04 |
| Y*(8,L)C*A12 | FC/MC/PC24A | 1.04 | 1.06 | 0.98 |
| Y*(8,L)C*A12 | FC/MC/PC30A | 1.04 | 1.06 | 0.98 |
| Y*(8,L)C*A12 | UC18A | 1.04 | 1.02 | 1.02 |
| Y*(8,L)C*A12 | UC24A | 1.04 | 1.06 | 0.98 |
| Y*(8,L)C*A12 | UC30A | 1.04 | 1.06 | 0.98 |
| Y*(8,L)C*B12 | FC/MC/PC18B | 1.03 | 0.99 | 1.04 |
| Y*(8,L)C*B12 | FC/MC/PC24B | 1.03 | 1.04 | 0.99 |
| Y*(8,L)C*B12 | FC/MC/PC30B | 1.03 | 1.04 | 0.99 |
| Y*(8,L)C*B12 | UC18B | 1.04 | 1.02 | 1.01 |
| Y*(8,L)C*B12 | UC24B | 1.03 | 1.06 | 0.97 |
| Y*(8,L)C*B12 | UC30B | 1.03 | 1.06 | 0.97 |
| Y*9C*B12 | FC/MC/PC18B | 1.03 | 1.01 | 1.02 |
| Y*9C*B12 | FC/MC/PC24B | 1.03 | 1.05 | 0.99 |
| Y*9C*B12 | FC/MC/PC30B | 1.03 | 1.05 | 0.99 |
| Y*9C*B12 | UC18B | 1.04 | 1.02 | 1.01 |
| Y*9C*B12 | UC24B | 1.03 | 1.05 | 0.99 |
| Y*9C*B12 | UC30B | 1.03 | 1.05 | 0.99 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO** | | **YHJD24S41S4** | | | | | | | | |
| **EVAPORATOR COIL MODEL NO** | | **AHP30** | | | | | | | | |
| **AIR TEMP. ENTERING OUTDOOR UNIT** | **AIR TEMP. ENTERING INDOOR COIL** | ID CFM | | | | | | | | |
| | | 600 | | | 800 | | | 1000 | | |
| | | MBH | COP | KW | MBH | COP | KW | MBH | COP | KW |
| 60 | 60 | 28.3 | 3.8 | 2.20 | 27.5 | 3.7 | 2.15 | 26.7 | 3.7 | 2.10 |
| | 70 | 27.5 | 3.5 | 2.27 | 26.9 | 3.5 | 2.23 | 26.4 | 3.5 | 2.19 |
| | 80 | 26.7 | 3.3 | 2.35 | 26.3 | 3.3 | 2.32 | 26.0 | 3.3 | 2.28 |
| 47 | 60 | 24.9 | 3.6 | 2.03 | 24.5 | 3.6 | 2.01 | 24.1 | 3.6 | 1.98 |
| | 70 | 23.8 | 3.4 | 2.08 | 24.0 | 3.4 | 2.06 | 24.1 | 3.4 | 2.10 |
| | 80 | 22.7 | 3.1 | 2.14 | 23.4 | 3.2 | 2.15 | 24.1 | 3.3 | 2.17 |
| 40 | 60 | 23.1 | 3.5 | 1.94 | 22.7 | 3.5 | 1.93 | 22.4 | 3.4 | 1.92 |
| | 70 | 21.9 | 3.2 | 1.98 | 22.0 | 3.2 | 1.99 | 22.0 | 3.2 | 1.99 |
| | 80 | 20.7 | 3.0 | 2.03 | 21.2 | 3.0 | 2.05 | 21.7 | 3.1 | 2.07 |
| 30 | 60 | 19.0 | 3.1 | 1.79 | 19.6 | 3.2 | 1.82 | 20.1 | 3.2 | 1.84 |
| | 70 | 17.7 | 2.8 | 1.83 | 18.6 | 2.9 | 1.87 | 19.4 | 3.0 | 1.90 |
| | 80 | 16.4 | 2.6 | 1.87 | 17.6 | 2.7 | 1.92 | 18.7 | 2.8 | 1.96 |
| 17 | 60 | 13.8 | 2.5 | 1.64 | 13.9 | 2.4 | 1.73 | 14.1 | 2.3 | 1.83 |
| | 70 | 13.3 | 2.4 | 1.65 | 13.8 | 2.3 | 1.73 | 14.3 | 2.3 | 1.82 |
| | 80 | 12.5 | 2.2 | 1.68 | 13.4 | 2.2 | 1.75 | 14.3 | 2.3 | 1.81 |
| 10 | 60 | 12.7 | 2.4 | 1.58 | 11.1 | 2.0 | 1.61 | 9.5 | 1.7 | 1.64 |
| | 70 | 11.1 | 2.0 | 1.59 | 10.7 | 1.9 | 1.64 | 10.3 | 1.8 | 1.69 |
| | 80 | 9.4 | 1.7 | 1.61 | 10.2 | 1.8 | 1.68 | 11.1 | 1.9 | 1.75 |
| **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 | 1.00 | 1.00 |
| – | FC/MC/PC35 | 1.00 | 1.00 | 1.00 |
| – | FC/MC/PC37 | 1.01 | 1.01 | 1.00 |
| – | FC/MC/PC43 | 1.01 | 1.01 | 1.00 |
| AHE24B | – | 0.97 | 1.05 | 0.92 |
| AHE30B | – | 0.97 | 1.05 | 0.92 |
| AHR24B | – | 0.97 | 0.99 | 0.97 |
| AHV24B | – | 0.94 | 1.02 | 0.93 |
| AHV30B | – | 0.96 | 1.04 | 0.93 |
| AHV36C | – | 0.98 | 1.07 | 0.91 |
| AV*36 | – | 0.96 | 1.06 | 0.90 |
| MV12B | FC/MC35B | 0.98 | 1.06 | 0.92 |
| MV12B | FC/MC43B | 0.98 | 1.07 | 0.92 |
| MX12B | FC/MC35B | 0.97 | 1.08 | 0.90 |
| MX12B | FC/MC43B | 0.96 | 1.06 | 0.91 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*(8,L)V*A12 | FC/MC/PC32A | 0.96 | 1.03 | 0.93 |
| T*(8,L)V*A12 | FC/MC/PC37A | 0.98 | 1.07 | 0.92 |
| T*(8,L)V*B12 | FC/MC/PC35B | 0.98 | 1.05 | 0.93 |
| T*(8,L)V*B12 | FC/MC/PC43B | 0.98 | 1.07 | 0.92 |
| T*(8,L)V*C16 | FC/MC/PC35C | 0.98 | 1.06 | 0.92 |
| T*(8,L)V*C16 | FC/MC/PC43C | 0.98 | 1.08 | 0.90 |
| T*(8,L)V*C20 | FC/MC/PC35C | 0.95 | 1.04 | 0.92 |
| T*(8,L)V*C20 | FC/MC/PC43C | 0.96 | 1.05 | 0.91 |
| T*(8,L)X*A12 | FC/MC/PC32A | 0.98 | 1.07 | 0.91 |
| T*(8,L)X*A12 | FC/MC/PC37A | 0.98 | 1.11 | 0.89 |
| T*(8,L)X*B12 | FC/MC/PC35B | 0.97 | 1.07 | 0.90 |
| T*(8,L)X*B12 | FC/MC/PC43B | 0.98 | 1.11 | 0.89 |
| T*(8,L)X*C16 | FC/MC/PC35C | 0.97 | 1.08 | 0.90 |
| T*(8,L)X*C16 | FC/MC/PC43C | 0.98 | 1.11 | 0.89 |
| T*(8,L)X*C20 | FC/MC/PC35C | 0.98 | 1.07 | 0.91 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*(8,L)X*C20 | FC/MC/PC43C | 0.98 | 1.08 | 0.90 |
| T*9V*A10 | FC/MC/PC32A | 0.98 | 1.02 | 0.96 |
| T*9V*A10 | FC/MC/PC37A | 0.99 | 1.04 | 0.96 |
| T*9(C,V)*B12 | FC/MC/PC35B | 0.98 | 1.04 | 0.94 |
| T*9(C,V)*B12 | FC/MC/PC43B | 0.98 | 1.06 | 0.92 |
| T*9(C,V)*C16 | FC/MC/PC35C | 0.98 | 1.06 | 0.93 |
| T*9(C,V)*C16 | FC/MC/PC43C | 0.98 | 1.07 | 0.92 |
| T*9(C,V)*C20 | FC/MC/PC35C | 0.95 | 1.03 | 0.92 |
| T*9(C,V)*C20 | FC/MC/PC43C | 1.00 | 1.09 | 0.92 |
| T*9X*A10 | FC/MC/PC32A | 0.96 | 1.01 | 0.95 |
| T*9X*A10 | FC/MC/PC37A | 0.98 | 1.04 | 0.94 |
| T*9X*B12 | FC/MC/PC35B | 0.98 | 1.07 | 0.91 |
| T*9X*B12 | FC/MC/PC43B | 0.98 | 1.09 | 0.90 |
| T*9X*C16 | FC/MC/PC35C | 0.98 | 1.07 | 0.91 |
| T*9X*C16 | FC/MC/PC43C | 0.98 | 1.09 | 0.90 |
| T*9X*C20 | FC/MC/PC35C | 0.98 | 1.06 | 0.92 |
| T*9X*C20 | FC/MC/PC43C | 0.98 | 1.08 | 0.90 |
| Y*(8,L)C*A12 | FC/MC/PC32A | 0.96 | 1.03 | 0.93 |
| Y*(8,L)C*A12 | FC/MC/PC37A | 0.98 | 1.07 | 0.92 |
| Y*(8,L)C*B12 | FC/MC/PC35B | 0.98 | 1.05 | 0.93 |
| Y*(8,L)C*B12 | FC/MC/PC43B | 0.98 | 1.07 | 0.92 |
| Y*(8,L)C*C16 | FC/MC/PC35C | 0.98 | 1.06 | 0.92 |
| Y*(8,L)C*C16 | FC/MC/PC43C | 0.98 | 1.08 | 0.90 |
| Y*(8,L)C*C20 | FC/MC/PC35C | 0.95 | 1.04 | 0.92 |
| Y*(8,L)C*C20 | FC/MC/PC43C | 0.96 | 1.05 | 0.91 |
| Y*9C*B12 | FC/MC/PC35B | 0.98 | 1.04 | 0.94 |
| Y*9C*B12 | FC/MC/PC43B | 0.98 | 1.06 | 0.92 |
| Y*9C*C16 | FC/MC/PC35C | 0.98 | 1.06 | 0.93 |
| Y*9C*C16 | FC/MC/PC43C | 0.98 | 1.07 | 0.92 |
| Y*9C*C20 | FC/MC/PC35C | 0.95 | 1.03 | 0.92 |
| Y*9C*C20 | FC/MC/PC43C | 1.00 | 1.09 | 0.92 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO** | | **YHJD30S41S4** | | | | | | | | |
| **EVAPORATOR COIL MODEL NO** | | **AHP30** | | | | | | | | |
| **AIR TEMP. ENTERING OUTDOOR UNIT** | **AIR TEMP. ENTERING INDOOR COIL** | ID CFM | | | | | | | | |
| | | 800 | | | 1000 | | | 1200 | | |
| | | MBH | COP | KW | MBH | COP | KW | MBH | COP | KW |
| 60 | 60 | 32.2 | 3.7 | 2.52 | 31.2 | 3.7 | 2.47 | 30.2 | 3.7 | 2.41 |
| | 70 | 31.6 | 3.5 | 2.64 | 30.9 | 3.5 | 2.60 | 30.2 | 3.5 | 2.56 |
| | 80 | 30.9 | 3.3 | 2.77 | 30.5 | 3.3 | 2.73 | 30.2 | 3.3 | 2.70 |
| 47 | 60 | 28.9 | 3.6 | 2.35 | 28.3 | 3.6 | 2.33 | 27.7 | 3.5 | 2.31 |
| | 70 | 27.9 | 3.4 | 2.43 | 27.6 | 3.3 | 2.45 | 27.3 | 3.2 | 2.47 |
| | 80 | 26.9 | 3.1 | 2.51 | 26.9 | 3.1 | 2.51 | 26.9 | 3.1 | 2.50 |
| 40 | 60 | 26.7 | 3.5 | 2.25 | 26.5 | 3.4 | 2.25 | 26.3 | 3.4 | 2.26 |
| | 70 | 25.6 | 3.2 | 2.32 | 25.6 | 3.2 | 2.33 | 25.6 | 3.2 | 2.34 |
| | 80 | 24.4 | 3.0 | 2.39 | 24.7 | 3.0 | 2.41 | 24.9 | 3.0 | 2.43 |
| 30 | 60 | 23.2 | 3.3 | 2.08 | 23.4 | 3.3 | 2.11 | 23.5 | 3.2 | 2.13 |
| | 70 | 21.3 | 2.9 | 2.16 | 21.8 | 2.9 | 2.18 | 22.3 | 3.0 | 2.20 |
| | 80 | 19.4 | 2.6 | 2.23 | 20.3 | 2.6 | 2.25 | 21.1 | 2.7 | 2.26 |
| 17 | 60 | 17.3 | 2.6 | 1.92 | 17.8 | 2.7 | 1.95 | 18.4 | 2.7 | 1.99 |
| | 70 | 15.4 | 2.3 | 1.97 | 16.1 | 2.3 | 2.04 | 16.8 | 2.3 | 2.12 |
| | 80 | 12.7 | 1.9 | 2.00 | 13.6 | 1.9 | 2.08 | 14.5 | 2.0 | 2.16 |
| 10 | 60 | 14.2 | 2.2 | 1.86 | 14.4 | 2.2 | 1.94 | 14.5 | 2.1 | 2.03 |
| | 70 | 12.1 | 1.9 | 1.87 | 12.2 | 1.8 | 1.94 | 12.3 | 1.8 | 2.01 |
| | 80 | 9.9 | 1.6 | 1.87 | 10.0 | 1.5 | 1.94 | 10.1 | 1.5 | 2.00 |
| **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 | 1.00 | 1.00 |
| – | FC/MC/PC35 | 1.00 | 1.00 | 1.00 |
| – | FC/MC/PC37 | 1.04 | 1.05 | 1.00 |
| – | FC/MC/PC43 | 1.04 | 1.04 | 1.00 |
| AHE30B | – | 1.01 | 1.07 | 0.95 |
| AHE36C | – | 1.02 | 1.12 | 0.91 |
| AHR30B | – | 1.05 | 1.04 | 1.01 |
| AHR36B | – | 1.06 | 1.05 | 1.00 |
| AHV30B | – | 1.01 | 1.05 | 0.96 |
| AHV36C | – | 1.00 | 1.10 | 0.91 |
| AV*36 | – | 1.01 | 1.12 | 0.90 |
| MV12B | FC/MC35B | 1.01 | 1.09 | 0.92 |
| MV12B | FC/MC43B | 1.02 | 1.10 | 0.93 |
| MV16C | FC/MC35C | 1.01 | 1.10 | 0.91 |
| MV16C | FC/MC43C | 1.02 | 1.11 | 0.92 |
| MX12B | FC/MC35B | 1.01 | 1.08 | 0.94 |
| MX12B | FC/MC43B | 1.04 | 1.12 | 0.92 |
| MX16C | FC/MC35C | 1.00 | 1.10 | 0.91 |
| MX16C | FC/MC43C | 1.01 | 1.13 | 0.90 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*(8,L)V*A12 | FC/MC/PC32A | 1.03 | 1.03 | 1.00 |
| T*(8,L)V*A12 | FC/MC/PC37A | 1.02 | 1.08 | 0.95 |
| T*(8,L)V*B12 | FC/MC/PC35B | 1.01 | 1.06 | 0.96 |
| T*(8,L)V*B12 | FC/MC/PC43B | 1.03 | 1.08 | 0.95 |
| T*(8,L)V*C16 | FC/MC/PC35C | 1.01 | 1.08 | 0.93 |
| T*(8,L)V*C16 | FC/MC/PC43C | 1.02 | 1.11 | 0.92 |
| T*(8,L)V*C20 | FC/MC/PC35C | 1.01 | 1.07 | 0.95 |
| T*(8,L)V*C20 | FC/MC/PC43C | 1.02 | 1.12 | 0.91 |
| T*(8,L)X*A12 | FC/MC/PC32A | 1.01 | 1.07 | 0.95 |
| T*(8,L)X*A12 | FC/MC/PC37A | 1.04 | 1.13 | 0.93 |
| T*(8,L)X*B12 | FC/MC/PC35B | 1.02 | 1.09 | 0.94 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*(8,L)X*B12 | FC/MC/PC43B | 1.04 | 1.12 | 0.92 |
| T*(8,L)X*C16 | FC/MC/PC35C | 1.01 | 1.10 | 0.92 |
| T*(8,L)X*C16 | FC/MC/PC43C | 1.01 | 1.13 | 0.90 |
| T*(8,L)X*C20 | FC/MC/PC35C | 0.97 | 1.05 | 0.92 |
| T*(8,L)X*C20 | FC/MC/PC43C | 0.99 | 1.09 | 0.91 |
| T*9(C,V)*B12 | FC/MC/PC35B | 1.02 | 1.05 | 0.97 |
| T*9(C,V)*B12 | FC/MC/PC43B | 1.04 | 1.08 | 0.96 |
| T*9(C,V)*C16 | FC/MC/PC35C | 1.01 | 1.08 | 0.94 |
| T*9(C,V)*C16 | FC/MC/PC43C | 1.03 | 1.09 | 0.94 |
| T*9(C,V)*C20 | FC/MC/PC35C | 1.01 | 1.08 | 0.93 |
| T*9(C,V)*C20 | FC/MC/PC43C | 1.02 | 1.11 | 0.92 |
| T*9X*B12 | FC/MC/PC35B | 1.01 | 1.08 | 0.94 |
| T*9X*B12 | FC/MC/PC43B | 1.04 | 1.12 | 0.92 |
| T*9X*C16 | FC/MC/PC35C | 1.01 | 1.09 | 0.93 |
| T*9X*C16 | FC/MC/PC43C | 1.03 | 1.12 | 0.92 |
| T*9X*C20 | FC/MC/PC35C | 0.96 | 1.05 | 0.91 |
| T*9X*C20 | FC/MC/PC43C | 0.96 | 1.04 | 0.93 |
| Y*(8,L)C*A12 | FC/MC/PC32A | 1.03 | 1.03 | 1.00 |
| Y*(8,L)C*A12 | FC/MC/PC37A | 1.02 | 1.08 | 0.95 |
| Y*(8,L)C*B12 | FC/MC/PC35B | 1.01 | 1.06 | 0.96 |
| Y*(8,L)C*B12 | FC/MC/PC43B | 1.03 | 1.08 | 0.95 |
| Y*(8,L)C*C16 | FC/MC/PC35C | 1.01 | 1.08 | 0.93 |
| Y*(8,L)C*C16 | FC/MC/PC43C | 1.02 | 1.11 | 0.92 |
| Y*(8,L)C*C20 | FC/MC/PC35C | 1.01 | 1.07 | 0.95 |
| Y*(8,L)C*C20 | FC/MC/PC43C | 1.02 | 1.12 | 0.91 |
| Y*9C*B12 | FC/MC/PC35B | 1.02 | 1.05 | 0.97 |
| Y*9C*B12 | FC/MC/PC43B | 1.04 | 1.08 | 0.96 |
| Y*9C*C16 | FC/MC/PC35C | 1.01 | 1.08 | 0.94 |
| Y*9C*C16 | FC/MC/PC43C | 1.03 | 1.09 | 0.94 |
| Y*9C*C20 | FC/MC/PC35C | 1.01 | 1.08 | 0.93 |
| Y*9C*C20 | FC/MC/PC43C | 1.02 | 1.11 | 0.92 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO** | | **YHJD36S41S4** | | | | | | | | |
| **EVAPORATOR COIL MODEL NO** | | **AHP36** | | | | | | | | |
| **AIR TEMP. ENTERING OUTDOOR UNIT** | **AIR TEMP. ENTERING INDOOR COIL** | ID CFM | | | | | | | | |
| | | 1000 | | | 1200 | | | 1400 | | |
| | | MBH | COP | KW | MBH | COP | KW | MBH | COP | KW |
| 60 | 60 | 38.0 | 3.7 | 3.01 | 37.2 | 3.6 | 3.00 | 36.4 | 3.6 | 2.98 |
| | 70 | 37.5 | 3.5 | 3.18 | 36.9 | 3.4 | 3.17 | 36.4 | 3.4 | 3.15 |
| | 80 | 37.0 | 3.2 | 3.34 | 36.7 | 3.2 | 3.33 | 36.4 | 3.2 | 3.32 |
| 47 | 60 | 34.7 | 3.5 | 2.87 | 34.0 | 3.5 | 2.87 | 33.3 | 3.4 | 2.86 |
| | 70 | 34.1 | 3.3 | 3.01 | 33.7 | 3.3 | 2.99 | 33.3 | 3.3 | 3.00 |
| | 80 | 33.6 | 3.1 | 3.14 | 33.5 | 3.1 | 3.16 | 33.3 | 3.1 | 3.18 |
| 40 | 60 | 32.3 | 3.4 | 2.75 | 32.0 | 3.4 | 2.78 | 31.7 | 3.3 | 2.80 |
| | 70 | 31.5 | 3.2 | 2.88 | 31.4 | 3.2 | 2.91 | 31.4 | 3.1 | 2.94 |
| | 80 | 30.6 | 3.0 | 3.00 | 30.9 | 3.0 | 3.04 | 31.1 | 3.0 | 3.08 |
| 30 | 60 | 28.4 | 3.2 | 2.59 | 28.5 | 3.2 | 2.63 | 28.7 | 3.1 | 2.68 |
| | 70 | 27.3 | 3.0 | 2.69 | 27.8 | 3.0 | 2.74 | 28.3 | 3.0 | 2.79 |
| | 80 | 26.1 | 2.7 | 2.79 | 27.0 | 2.8 | 2.85 | 27.9 | 2.8 | 2.91 |
| 17 | 60 | 21.8 | 2.7 | 2.37 | 22.9 | 2.7 | 2.44 | 24.0 | 2.8 | 2.51 |
| | 70 | 21.1 | 2.5 | 2.46 | 22.3 | 2.6 | 2.53 | 23.4 | 2.6 | 2.60 |
| | 80 | 17.6 | 2.1 | 2.47 | 18.8 | 2.2 | 2.55 | 20.1 | 2.2 | 2.63 |
| 10 | 60 | 21.2 | 2.6 | 2.36 | 20.7 | 2.5 | 2.43 | 20.3 | 2.4 | 2.51 |
| | 70 | 18.2 | 2.2 | 2.38 | 18.0 | 2.1 | 2.46 | 17.8 | 2.1 | 2.53 |
| | 80 | 15.2 | 1.9 | 2.40 | 15.3 | 1.8 | 2.48 | 15.3 | 1.8 | 2.56 |
| **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 | 0.94 | 0.96 | 0.97 |
| – | FC/MC/PC43 | 0.94 | 0.96 | 0.97 |
| – | FC/MC/PC48 | 0.93 | 0.96 | 0.97 |
| – | UC48 | 0.95 | 0.99 | 0.96 |
| AHE36C | – | 0.92 | 1.02 | 0.90 |
| AHE42D | – | 0.91 | 1.03 | 0.89 |
| AHR36B | – | 0.94 | 0.97 | 0.97 |
| AHR42C | – | 0.93 | 0.98 | 0.95 |
| AHV36C | – | 0.92 | 1.01 | 0.91 |
| AHV42D | – | 0.91 | 1.03 | 0.89 |
| AV*36 | – | 0.92 | 1.02 | 0.90 |
| MV12B | FC/MC43B | 0.92 | 1.01 | 0.91 |
| MV12D | FC/MC48D | 0.91 | 1.04 | 0.88 |
| MV16C | FC/MC43C | 0.92 | 1.02 | 0.90 |
| MV16C | FC/MC48C | 0.91 | 1.02 | 0.89 |
| MX12B | FC/MC43B | 0.92 | 1.01 | 0.91 |
| MX12D | FC/MC48D | 0.91 | 1.02 | 0.89 |
| MX16C | FC/MC43C | 0.91 | 1.04 | 0.88 |
| MX16C | FC/MC48C | 0.91 | 1.04 | 0.88 |

**Continued on next page.**

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*(8,L)V*A12 | FC/MC/PC37A | 0.93 | 0.98 | 0.95 |
| T*(8,L)V*B12 | FC/MC/PC43B | 0.93 | 0.98 | 0.95 |
| T*(8,L)V*C16 | FC/MC/PC43C | 0.92 | 1.01 | 0.91 |
| T*(8,L)V*C16 | FC/MC/PC48C | 0.91 | 1.02 | 0.90 |
| T*(8,L)V*C16 | UC48C | 0.93 | 1.05 | 0.89 |
| T*(8,L)V*C20 | FC/MC/PC43C | 0.92 | 1.01 | 0.91 |
| T*(8,L)V*C20 | FC/MC/PC48C | 0.91 | 1.02 | 0.89 |
| T*(8,L)V*C20 | UC48C | 0.93 | 1.05 | 0.88 |
| T*(8,L)X*A12 | FC/MC/PC37A | 0.93 | 1.02 | 0.91 |
| T*(8,L)X*B12 | FC/MC/PC43B | 0.93 | 1.02 | 0.91 |
| T*(8,L)X*C16 | FC/MC/PC43C | 0.91 | 1.04 | 0.88 |
| T*(8,L)X*C16 | FC/MC/PC48C | 0.91 | 1.04 | 0.87 |
| T*(8,L)X*C16 | UC48C | 0.93 | 1.07 | 0.86 |
| T*(8,L)X*C20 | FC/MC/PC43C | 0.91 | 1.03 | 0.89 |
| T*(8,L)X*C20 | FC/MC/PC48C | 0.93 | 1.05 | 0.88 |
| T*(8,L)X*C20 | UC48C | 0.94 | 1.07 | 0.87 |
| T*9(C,V)*B12 | FC/MC/PC43B | 0.93 | 0.98 | 0.95 |
| T*9(C,V)*C16 | FC/MC/PC43C | 0.93 | 0.99 | 0.93 |
| T*9(C,V)*C16 | FC/MC/PC48C | 0.92 | 1.01 | 0.91 |
| T*9(C,V)*C16 | UC48C | 0.93 | 1.04 | 0.90 |
| T*9(C,V)*C20 | FC/MC/PC43C | 0.92 | 1.01 | 0.91 |
| T*9(C,V)*C20 | FC/MC/PC48C | 0.94 | 1.01 | 0.93 |
| T*9(C,V)*C20 | UC48C | 0.95 | 1.04 | 0.91 |
| T*9(C,V)*D20 | FC/MC/PC48D | 0.91 | 1.01 | 0.90 |
| T*9(C,V)*D20 | UC48D | 0.93 | 1.04 | 0.89 |
| T*9X*B12 | FC/MC/PC43B | 0.93 | 1.01 | 0.92 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*9X*C16 | FC/MC/PC43C | 0.92 | 1.02 | 0.90 |
| T*9X*C16 | FC/MC/PC48C | 0.93 | 1.03 | 0.90 |
| T*9X*C16 | UC48C | 0.94 | 1.06 | 0.88 |
| T*9X*C20 | FC/MC/PC43C | 0.92 | 1.02 | 0.90 |
| T*9X*C20 | FC/MC/PC48C | 0.91 | 1.02 | 0.90 |
| T*9X*C20 | UC48C | 0.93 | 1.05 | 0.88 |
| T*9X*D20 | FC/MC/PC48D | 0.91 | 1.02 | 0.89 |
| T*9X*D20 | UC48D | 0.93 | 1.05 | 0.88 |
| Y*(8,L)C*A12 | FC/MC/PC37A | 0.93 | 0.98 | 0.95 |
| Y*(8,L)C*B12 | FC/MC/PC43B | 0.93 | 0.98 | 0.95 |
| Y*(8,L)C*C16 | FC/MC/PC43C | 0.92 | 1.01 | 0.91 |
| Y*(8,L)C*C16 | FC/MC/PC48C | 0.91 | 1.02 | 0.90 |
| Y*(8,L)C*C16 | UC48C | 0.93 | 1.05 | 0.89 |
| Y*(8,L)C*C20 | FC/MC/PC43C | 0.92 | 1.01 | 0.91 |
| Y*(8,L)C*C20 | FC/MC/PC48C | 0.91 | 1.02 | 0.89 |
| Y*(8,L)C*C20 | UC48C | 0.93 | 1.05 | 0.88 |
| Y*9C*B12 | FC/MC/PC43B | 0.93 | 0.98 | 0.95 |
| Y*9C*C16 | FC/MC/PC43C | 0.93 | 0.99 | 0.93 |
| Y*9C*C16 | FC/MC/PC48C | 0.92 | 1.01 | 0.91 |
| Y*9C*C16 | UC48C | 0.93 | 1.04 | 0.90 |
| Y*9C*C20 | FC/MC/PC43C | 0.92 | 1.01 | 0.91 |
| Y*9C*C20 | FC/MC/PC48C | 0.94 | 1.01 | 0.93 |
| Y*9C*C20 | UC48C | 0.95 | 1.04 | 0.91 |
| Y*9C*D20 | FC/MC/PC48D | 0.91 | 1.01 | 0.90 |
| Y*9C*D20 | UC48D | 0.93 | 1.04 | 0.89 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO** | | **YHJD42S41S4** | | | | | | | | |
| **EVAPORATOR COIL MODEL NO** | | **AHP48** | | | | | | | | |
| **AIR TEMP. ENTERING OUTDOOR UNIT** | **AIR TEMP. ENTERING INDOOR COIL** | ID CFM | | | | | | | | |
| | | 1200 | | | 1400 | | | 1600 | | |
| | | MBH | COP | KW | MBH | COP | KW | MBH | COP | KW |
| 60 | 60 | 45.9 | 4.2 | 3.23 | 45.2 | 4.1 | 3.20 | 44.6 | 4.1 | 3.18 |
| | 70 | 44.7 | 3.8 | 3.42 | 44.5 | 3.8 | 3.40 | 44.4 | 3.8 | 3.39 |
| | 80 | 43.5 | 3.5 | 3.61 | 43.8 | 3.6 | 3.60 | 44.1 | 3.6 | 3.58 |
| 47 | 60 | 41.8 | 4.2 | 2.92 | 41.5 | 4.0 | 3.07 | 41.2 | 3.7 | 3.22 |
| | 70 | 40.8 | 3.9 | 3.09 | 40.3 | 3.7 | 3.19 | 39.8 | 3.5 | 3.35 |
| | 80 | 39.7 | 3.6 | 3.27 | 39.1 | 3.4 | 3.35 | 38.4 | 3.3 | 3.43 |
| 40 | 60 | 39.0 | 4.0 | 2.85 | 38.6 | 3.8 | 2.98 | 38.2 | 3.6 | 3.12 |
| | 70 | 37.7 | 3.7 | 3.00 | 37.1 | 3.5 | 3.13 | 36.5 | 3.3 | 3.25 |
| | 80 | 36.3 | 3.4 | 3.15 | 35.5 | 3.2 | 3.27 | 34.8 | 3.0 | 3.39 |
| 30 | 60 | 34.9 | 3.7 | 2.73 | 34.0 | 3.5 | 2.85 | 33.2 | 3.3 | 2.97 |
| | 70 | 32.6 | 3.4 | 2.85 | 31.7 | 3.1 | 2.95 | 30.8 | 3.0 | 3.06 |
| | 80 | 30.3 | 3.0 | 2.96 | 29.4 | 2.8 | 3.06 | 28.5 | 2.6 | 3.16 |
| 17 | 60 | 26.6 | 3.0 | 2.64 | 25.8 | 2.8 | 2.71 | 25.0 | 2.6 | 2.79 |
| | 70 | 22.6 | 2.6 | 2.60 | 21.9 | 2.4 | 2.69 | 21.2 | 2.2 | 2.77 |
| | 80 | 20.3 | 2.2 | 2.67 | 19.7 | 2.1 | 2.77 | 19.1 | 1.9 | 2.87 |
| 10 | 60 | 20.9 | 2.5 | 2.47 | 20.1 | 2.3 | 2.57 | 19.3 | 2.1 | 2.66 |
| | 70 | 18.7 | 2.2 | 2.50 | 18.0 | 2.0 | 2.60 | 17.4 | 1.9 | 2.70 |
| | 80 | 16.4 | 1.9 | 2.52 | 15.9 | 1.8 | 2.63 | 15.4 | 1.7 | 2.73 |
| **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 | 1.00 | 1.00 | 1.00 |
| – | UC60 | 1.02 | 1.03 | 0.99 |
| AHE48D | – | 0.98 | 1.06 | 0.92 |
| AHR48D | – | 1.00 | 0.99 | 1.01 |
| AHV48D | – | 0.98 | 1.04 | 0.94 |
| AV*48 | – | 0.98 | 1.06 | 0.93 |
| AV*60 | – | 0.98 | 1.06 | 0.93 |
| MV16C | FC60C | 0.99 | 1.04 | 0.95 |
| MV20D | FC/MC60D | 0.99 | 1.05 | 0.95 |
| MX16C | FC60C | 0.98 | 1.06 | 0.93 |
| MX20D | FC/MC60D | 1.00 | 1.12 | 0.89 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*(8,L)V*C16 | FC/PC60C | 0.99 | 1.03 | 0.97 |
| T*(8,L)V*C16 | UC60C | 1.00 | 1.06 | 0.94 |
| T*(8,L)V*C20 | FC/PC60C | 0.99 | 1.04 | 0.95 |
| T*(8,L)V*C20 | UC60C | 1.00 | 1.08 | 0.93 |
| T*(8,L)X*C16 | FC/PC60C | 0.98 | 1.06 | 0.93 |
| T*(8,L)X*C16 | UC60C | 0.99 | 1.10 | 0.90 |
| T*(8,L)X*C20 | FC/PC60C | 1.02 | 1.11 | 0.91 |
| T*(8,L)X*C20 | UC60C | 1.02 | 1.10 | 0.93 |
| T*9(C,V)*C16 | FC/PC60C | 1.00 | 1.01 | 1.00 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*9(C,V)*C16 | UC60C | 1.02 | 1.04 | 0.98 |
| T*9(C,V)*C20 | FC/PC60C | 0.99 | 1.02 | 0.97 |
| T*9(C,V)*C20 | UC60C | 1.02 | 1.05 | 0.97 |
| T*9(C,V)*D20 | FC/MC/PC60D | 0.99 | 1.03 | 0.97 |
| T*9(C,V)*D20 | UC60D | 1.00 | 1.06 | 0.95 |
| T*9X*C16 | FC/PC60C | 1.02 | 1.09 | 0.93 |
| T*9X*C16 | UC60C | 1.00 | 1.07 | 0.94 |
| T*9X*C20 | FC/PC60C | 1.02 | 1.11 | 0.92 |
| T*9X*C20 | UC60C | 1.00 | 1.08 | 0.93 |
| T*9X*D20 | FC/MC/PC60D | 1.02 | 1.12 | 0.90 |
| T*9X*D20 | UC60D | 1.00 | 1.11 | 0.91 |
| Y*(8,L)C*C16 | FC/PC60C | 0.99 | 1.03 | 0.97 |
| Y*(8,L)C*C16 | UC60C | 1.00 | 1.06 | 0.94 |
| Y*(8,L)C*C20 | FC/PC60C | 0.99 | 1.04 | 0.95 |
| Y*(8,L)C*C20 | UC60C | 1.00 | 1.08 | 0.93 |
| Y*9C*C16 | FC/PC60C | 1.00 | 1.01 | 1.00 |
| Y*9C*C16 | UC60C | 1.02 | 1.04 | 0.98 |
| Y*9C*C20 | FC/PC60C | 0.99 | 1.02 | 0.97 |
| Y*9C*C20 | UC60C | 1.02 | 1.05 | 0.97 |
| Y*9C*D20 | FC/MC/PC60D | 0.99 | 1.03 | 0.97 |
| Y*9C*D20 | UC60D | 1.00 | 1.06 | 0.95 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO** | | **YHJD48S41S4** | | | | | | | | |
| **EVAPORATOR COIL MODEL NO** | | **AHP48** | | | | | | | | |
| **AIR TEMP. ENTERING OUTDOOR UNIT** | **AIR TEMP. ENTERING INDOOR COIL** | ID CFM | | | | | | | | |
| | | 1400 | | | 1600 | | | 1800 | | |
| | | MBH | COP | KW | MBH | COP | KW | MBH | COP | KW |
| 60 | 60 | 53.4 | 3.7 | 4.17 | 53.2 | 3.7 | 4.17 | 53.1 | 3.7 | 4.16 |
| | 70 | 51.9 | 3.5 | 4.32 | 52.0 | 3.5 | 4.31 | 52.2 | 3.6 | 4.30 |
| | 80 | 50.4 | 3.3 | 4.45 | 50.8 | 3.3 | 4.46 | 51.3 | 3.4 | 4.46 |
| 47 | 60 | 46.3 | 3.6 | 3.75 | 46.6 | 3.6 | 3.77 | 46.9 | 3.6 | 3.78 |
| | 70 | 46.5 | 3.7 | 3.71 | 46.0 | 3.5 | 3.85 | 45.5 | 3.4 | 3.97 |
| | 80 | 46.7 | 3.7 | 3.68 | 45.4 | 3.5 | 3.84 | 44.2 | 3.2 | 4.01 |
| 40 | 60 | 42.6 | 3.5 | 3.52 | 42.8 | 3.5 | 3.55 | 43.0 | 3.5 | 3.58 |
| | 70 | 39.8 | 3.3 | 3.57 | 40.3 | 3.3 | 3.61 | 40.8 | 3.3 | 3.65 |
| | 80 | 37.0 | 3.0 | 3.63 | 37.8 | 3.0 | 3.68 | 38.7 | 3.0 | 3.72 |
| 30 | 60 | 32.1 | 3.1 | 3.04 | 33.2 | 3.1 | 3.12 | 34.4 | 3.1 | 3.21 |
| | 70 | 31.7 | 2.9 | 3.16 | 32.7 | 3.0 | 3.24 | 33.7 | 3.0 | 3.31 |
| | 80 | 31.4 | 2.8 | 3.29 | 32.2 | 2.8 | 3.36 | 32.9 | 2.8 | 3.42 |
| 17 | 60 | 27.2 | 2.8 | 2.82 | 28.1 | 2.9 | 2.88 | 29.0 | 2.9 | 2.95 |
| | 70 | 26.6 | 2.7 | 2.89 | 27.6 | 2.7 | 2.98 | 28.5 | 2.7 | 3.07 |
| | 80 | 24.2 | 2.4 | 2.96 | 25.1 | 2.4 | 3.05 | 26.1 | 2.4 | 3.14 |
| 10 | 60 | 23.1 | 2.6 | 2.62 | 24.4 | 2.6 | 2.72 | 25.7 | 2.7 | 2.83 |
| | 70 | 21.7 | 2.3 | 2.71 | 22.7 | 2.4 | 2.81 | 23.7 | 2.4 | 2.91 |
| | 80 | 20.3 | 2.1 | 2.80 | 21.1 | 2.1 | 2.90 | 21.8 | 2.1 | 2.99 |
| **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 | 1.00 | 1.00 | 1.00 |
| – | FC/MC62 | 0.99 | 1.01 | 0.98 |
| – | UC60 | 1.00 | 1.02 | 0.98 |
| AHE48D | – | 0.98 | 1.06 | 0.92 |
| AHE60D | – | 0.97 | 1.06 | 0.91 |
| AHR48D | – | 0.97 | 0.98 | 0.98 |
| AHR60D | – | 0.99 | 1.01 | 0.98 |
| AHV48D | – | 0.97 | 1.02 | 0.95 |
| AHV60D | – | 0.98 | 1.03 | 0.95 |
| AV*48 | – | 0.98 | 1.07 | 0.92 |
| AV*60 | – | 0.98 | 1.07 | 0.91 |
| MV16C | FC60C | 0.98 | 1.06 | 0.93 |
| MV20D | FC/MC60D | 0.98 | 1.06 | 0.93 |
| MV20D | FC/MC62D | 0.98 | 1.06 | 0.93 |
| MX16C | FC60C | 0.98 | 1.09 | 0.90 |
| MX20D | FC/MC60D | 0.97 | 1.09 | 0.89 |
| MX20D | FC/MC62D | 0.98 | 1.08 | 0.91 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*(8,L)V*C16 | FC/MC62D | 0.99 | 1.03 | 0.96 |
| T*(8,L)V*C16 | FC/PC60C | 0.99 | 1.03 | 0.96 |
| T*(8,L)V*C16 | UC60C | 0.99 | 1.03 | 0.96 |
| T*(8,L)V*C20 | FC/MC62D | 0.99 | 1.04 | 0.95 |
| T*(8,L)V*C20 | FC/PC60C | 0.99 | 1.04 | 0.95 |
| T*(8,L)V*C20 | UC60C | 0.99 | 1.05 | 0.95 |
| T*(8,L)X*C16 | FC/MC62D | 0.98 | 1.05 | 0.94 |
| T*(8,L)X*C16 | FC/PC60C | 0.98 | 1.06 | 0.93 |
| T*(8,L)X*C16 | UC60C | 0.99 | 1.05 | 0.95 |
| T*(8,L)X*C20 | FC/MC62D | 0.98 | 1.05 | 0.93 |
| T*(8,L)X*C20 | FC/PC60C | 0.98 | 1.06 | 0.92 |
| T*(8,L)X*C20 | UC60C | 0.97 | 1.09 | 0.89 |
| T*9(C,V)*C16 | FC/MC62D | 0.99 | 1.03 | 0.96 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*9(C,V)*C16 | FC/PC60C | 0.99 | 1.03 | 0.96 |
| T*9(C,V)*C16 | UC60C | 0.99 | 1.02 | 0.97 |
| T*9(C,V)*C20 | FC/MC62D | 0.99 | 1.02 | 0.97 |
| T*9(C,V)*C20 | FC/PC60C | 0.99 | 1.03 | 0.96 |
| T*9(C,V)*C20 | UC60C | 0.99 | 1.02 | 0.97 |
| T*9(C,V)*D20 | FC/MC/PC60D | 0.99 | 1.04 | 0.95 |
| T*9(C,V)*D20 | FC/MC62D | 0.99 | 1.02 | 0.97 |
| T*9(C,V)*D20 | UC60D | 0.99 | 1.03 | 0.96 |
| T*9X*C16 | FC/MC62D | 0.99 | 1.04 | 0.95 |
| T*9X*C16 | FC/PC60C | 0.98 | 1.05 | 0.93 |
| T*9X*C16 | UC60C | 0.99 | 1.05 | 0.95 |
| T*9X*C20 | FC/MC62D | 0.98 | 1.05 | 0.93 |
| T*9X*C20 | FC/PC60C | 0.98 | 1.06 | 0.92 |
| T*9X*C20 | UC60C | 0.98 | 1.06 | 0.93 |
| T*9X*D20 | FC/MC/PC60D | 0.97 | 1.09 | 0.89 |
| T*9X*D20 | FC/MC62D | 0.99 | 1.04 | 0.95 |
| T*9X*D20 | UC60D | 0.97 | 1.07 | 0.90 |
| Y*(8,L)C*C16 | FC/MC62D | 0.99 | 1.03 | 0.96 |
| Y*(8,L)C*C16 | FC/PC60C | 0.99 | 1.03 | 0.96 |
| Y*(8,L)C*C16 | UC60C | 0.99 | 1.03 | 0.96 |
| Y*(8,L)C*C20 | FC/MC62D | 0.99 | 1.04 | 0.95 |
| Y*(8,L)C*C20 | FC/PC60C | 0.99 | 1.04 | 0.95 |
| Y*(8,L)C*C20 | UC60C | 0.99 | 1.05 | 0.95 |
| Y*9C*C16 | FC/MC62D | 0.99 | 1.03 | 0.96 |
| Y*9C*C16 | FC/PC60C | 0.99 | 1.03 | 0.96 |
| Y*9C*C16 | UC60C | 0.99 | 1.02 | 0.97 |
| Y*9C*C20 | FC/MC62D | 0.99 | 1.02 | 0.97 |
| Y*9C*C20 | FC/PC60C | 0.99 | 1.03 | 0.96 |
| Y*9C*C20 | UC60C | 0.99 | 1.02 | 0.97 |
| Y*9C*D20 | FC/MC/PC60D | 0.99 | 1.04 | 0.95 |
| Y*9C*D20 | FC/MC62D | 0.99 | 1.02 | 0.97 |
| Y*9C*D20 | UC60D | 0.99 | 1.03 | 0.96 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **CONDENSING UNIT MODEL NO** | | **YHJD60S41S5** | | | | | | | | |
| **EVAPORATOR COIL MODEL NO** | | **FC/MC62** | | | | | | | | |
| **AIR TEMP. ENTERING OUTDOOR UNIT** | **AIR TEMP. ENTERING INDOOR COIL** | ID CFM | | | | | | | | |
| | | 1600 | | | 1800 | | | 2000 | | |
| | | MBH | COP | KW | MBH | COP | KW | MBH | COP | KW |
| 60 | 60 | 72.1 | 3.8 | 5.62 | 71.1 | 3.8 | 5.53 | 70.1 | 3.8 | 5.42 |
| | 70 | 70.9 | 3.4 | 6.11 | 70.6 | 3.4 | 6.02 | 70.3 | 3.5 | 5.90 |
| | 80 | 69.8 | 3.1 | 6.62 | 70.2 | 3.2 | 6.50 | 70.5 | 3.2 | 6.40 |
| 47 | 60 | 62.7 | 3.7 | 4.99 | 62.4 | 3.7 | 4.95 | 62.1 | 3.7 | 4.90 |
| | 70 | 61.1 | 3.3 | 5.43 | 61.1 | 3.5 | 5.09 | 61.1 | 3.8 | 4.76 |
| | 80 | 59.6 | 3.0 | 5.86 | 59.9 | 3.4 | 5.23 | 60.1 | 3.8 | 4.61 |
| 40 | 60 | 55.6 | 3.5 | 4.63 | 55.9 | 3.6 | 4.62 | 56.2 | 3.6 | 4.60 |
| | 70 | 54.3 | 3.1 | 5.06 | 54.5 | 3.2 | 5.04 | 54.8 | 3.2 | 5.00 |
| | 80 | 52.9 | 2.8 | 5.50 | 53.1 | 2.9 | 5.46 | 53.3 | 2.9 | 5.40 |
| 30 | 60 | 45.3 | 3.2 | 4.20 | 45.7 | 3.2 | 4.20 | 46.1 | 3.2 | 4.21 |
| | 70 | 43.9 | 2.9 | 4.51 | 44.3 | 2.9 | 4.53 | 44.8 | 2.9 | 4.54 |
| | 80 | 42.4 | 2.6 | 4.82 | 43.0 | 2.6 | 4.86 | 43.5 | 2.6 | 4.90 |
| 17 | 60 | 38.0 | 2.8 | 3.93 | 38.5 | 2.9 | 3.96 | 39.1 | 2.9 | 4.00 |
| | 70 | 35.5 | 2.5 | 4.19 | 36.5 | 2.5 | 4.24 | 37.5 | 2.6 | 4.31 |
| | 80 | 33.0 | 2.2 | 4.47 | 34.4 | 2.2 | 4.53 | 35.9 | 2.3 | 4.61 |
| 10 | 60 | 32.3 | 2.6 | 3.71 | 32.8 | 2.6 | 3.74 | 33.3 | 2.6 | 3.75 |
| | 70 | 31.3 | 2.3 | 4.04 | 31.5 | 2.3 | 4.05 | 31.8 | 2.3 | 4.08 |
| | 80 | 30.3 | 2.0 | 4.35 | 30.2 | 2.0 | 4.36 | 30.2 | 2.0 | 4.38 |
| **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 | 1.03 | 0.95 | 1.08 |
| AHE60D | – | 0.99 | 1.01 | 0.98 |
| AHR60D | – | 1.01 | 0.98 | 1.04 |
| AHV60D | – | 0.99 | 0.97 | 1.02 |
| MV20D | FC/MC62D | 1.00 | 1.00 | 1.00 |
| MV20D | FC64D | 1.01 | 0.97 | 1.05 |
| MX20D | FC/MC62D | 0.99 | 1.02 | 0.97 |
| MX20D | FC64D | 1.00 | 0.98 | 1.02 |

| Furnaces | Coils | MBH | COP | KW |
|---|---|---|---|---|
| T*(8,L)V*C20 | FC/MC62D | 0.99 | 0.96 | 1.03 |
| T*(8,L)V*C20 | FC64D | 1.01 | 0.95 | 1.06 |
| T*(8,L)X*C20 | FC/MC62D | 0.98 | 0.98 | 1.00 |
| T*(8,L)X*C20 | FC64D | 1.00 | 0.95 | 1.05 |
| T*9(C,V)*C20 | FC64D | 1.01 | 0.94 | 1.07 |
| T*9(C,V)*D20 | FC/MC62D | 0.99 | 0.96 | 1.03 |
| T*9(C,V)*D20 | FC64D | 1.01 | 0.94 | 1.07 |
| T*9X*C20 | FC/MC62D | 0.98 | 0.98 | 1.00 |
| T*9X*C20 | FC64D | 1.01 | 0.94 | 1.07 |
| T*9X*D20 | FC/MC62D | 0.98 | 0.97 | 1.01 |
| T*9X*D20 | FC64D | 1.01 | 0.95 | 1.05 |
| Y*(8,L)C*C20 | FC/MC62D | 0.99 | 0.96 | 1.03 |
| Y*(8,L)C*C20 | FC64D | 1.01 | 0.95 | 1.06 |
| Y*9C*C20 | FC/MC62D | 0.99 | 0.95 | 1.04 |
| Y*9C*C20 | FC/MC62D | 0.99 | 0.95 | 1.04 |
| Y*9C*C20 | FC64D | 1.01 | 0.94 | 1.08 |
| Y*9C*D20 | FC/MC62D | 0.99 | 0.96 | 1.03 |
| Y*9C*D20 | FC64D | 1.01 | 0.94 | 1.07 |



571209-YTG-C-1012
Supersedes: 571209-YTG-B-1211

**Johnson Controls Unitary Products**
**5005 York Drive**
**Norman, OK 73069**