



TECHNICAL GUIDE

AFFINITY

SPLIT-SYSTEM HEAT PUMPS

13 SEER – R-22

MODELS: YMB018 THRU 060
(1.5 THRU 5 NOMINAL TONS)



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

Visit us on the web at www.york.com for the most up-to-date technical information.

Additional rating information can be found at www.ariprinenet.org.

DESCRIPTION

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

WARRANTY

5-year limited parts warranty.

10-year limited compressor warranty.

FEATURES

- **Superior Coil Protection** – A stamped decorative metal coil guard completely protects coil from debris and other large damaging material while a polymer mesh further protects the coil against smaller particles.
- **Isolated Compressor Compartment** – A molded composite bulkhead isolates the compressor from the rest of the unit reducing sound and vibration.
- **Protected Compressors** – Each compressor is protected against high and low pressure as well as excessive temperature. This is accomplished by the simultaneous operation of a high pressure relief valve and temperature sensors which protect the compressor if undesirable conditions occur.
- **Durable Finish** – Automotive quality finish provides the ultimate protection from harmful U.V. rays as well as rust creep ensuring long-lasting high quality appearance. A powder-paint topcoat is applied over a baked-on primer, using a galvanized, zinc coated steel base material. The result is a finish that has been proven in testing to provide 33% greater durability than conventional powder-coat finishes.
- **Lower Installed Cost** – Designed to provide enhanced installability by featuring a slide-down control compartment allowing easy access to control components along with angled service valves to reduce overall installation time and cost.
- **Low Operating Sound Levels** – A fan design boasting technology adapted from aeronautic and defense engineering provides for whisper quiet operation by allowing airflow to flow smoothly and efficiently across the fan tips.
- **Filter-Drier** – A factory installed, solid core liquid line filter-drier filters harmful debris and moisture from the system.
- **Easy Service Access** – A full end, full service, access panel with handle makes for easy entry to internal components.
- **Long Lasting Operation** – Strong and durable composite base pan provides added strength while resisting rust and corrosion as well as reducing sound and vibration.
- **Complete System Control** – These heat pumps utilize the unique microprocessor defrost control system to provide optimal comfort as well as monitor the overall system for reliable operation. The defrost control system continuously monitors the space environment to maintain optimum efficiency. It initiates defrost only when necessary to further reduced heating costs and improve reliability. Supplemental heat can only operate below the balance point and then only upon need. In the event improper operating conditions occur (high temperature and/or high pressure), the will automatically shut the system down to extend the life of the heat pump. Rapid cycling is prevented by use of an internal anti-recycle timer. The defrost control features an internal memory to aid the technician in troubleshooting, reducing service time and cost.

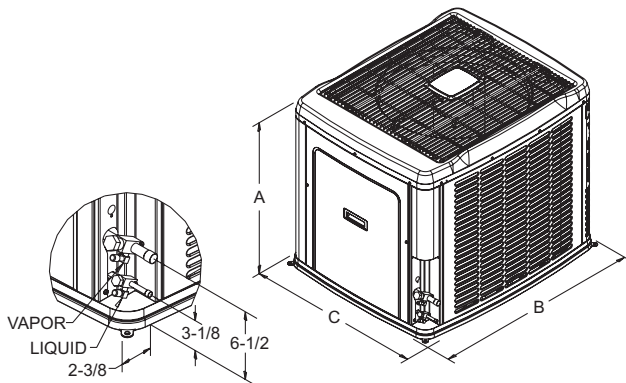
Certified in accordance with the Unitary Small Equipment certification program, which is based on ARI Standard 210/240.

Physical and Electrical Data

| MODEL | YMB01811 | YMB02411 | YMB03011 | YMB03611 | YMB04211 | YMB04811 | YMB06011 | |
|---|---------------------|---------------------|---------------------|----------|---------------------|---------------------|---------------------|------|
| Unit Supply Voltage | 208/230 – 1 – 60 | | | | | | | |
| Normal Voltage Range ¹ | 187 to 252 | | | | | | | |
| Minimum Circuit Ampacity | 11.7 | 14.5 | 16.7 | 20.0 | 27.8 | 33.9 | 40.2 | |
| Max. Overcurrent Device Amps ² | 20 | 25 | 25 | 30 | 45 | 50 | 60 | |
| Min. Overcurrent Device Amps ³ | 15 | 15 | 20 | 20 | 30 | 35 | 45 | |
| Compressor Type ⁴ | Scroll ^C | Scroll ^C | Scroll ^C | Recip | Scroll ^D | Scroll ^D | Scroll ^D | |
| Compressor Amps | Rated Load | 10.0 | 12.1 | 13.6 | 13.4 | 21.0 | 23.0 | 25.0 |
| | Locked Rotor | 41 | 54 | 67 | 78 | 115 | 115 | 150 |
| Crankcase Heater | No | No | No | Yes | No | No | No | |
| Fan Motor Amps | Rated Load | 0.5 | 0.5 | 1.5 | 1.5 | 1.5 | 1.5 | |
| Fan Diameter Inches | 22 | 22 | 22 | 24 | 24 | 24 | 24 | |
| Fan Motor | Rated HP | 1/15 | 1/15 | 1/4 | 1/4 | 1/4 | 1/4 | |
| | Nominal RPM | 850 | 850 | 850 | 850 | 850 | 850 | |
| | Nominal CFM | 1,900 | 1,800 | 3,300 | 3,600 | 3,600 | 3,400 | |
| Coil | Face Area Sq. Ft. | 14.86 | 17.15 | 20.58 | 23.58 | 23.58 | 23.58 | |
| | Rows Deep | 1 | 1 | 1 | 1 | 1 | 2 | |
| | Fin / Inches | 22 | 22 | 22 | 22 | 22 | 22 | |
| 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 | 7/8 | 7/8 | 7/8 | 7/8 | 1-1/8 | |
| Unit Charge (Lbs. - Oz.) ⁵ | 6 - 6 | 7 - 9 | 9 - 1 | 9 - 9 | 10 - 9 | 13 - 1 | 14 - 11 | |
| Charge Per Foot, Oz. | 0.68 | 0.68 | 0.70 | 0.70 | 0.70 | 0.70 | 0.76 | |
| Operating Weight Lbs. | 175 | 190 | 195 | 258 | 258 | 278 | 278 | |

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

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



| Unit Model | Dimensions (Inches) | | | Refrigerant Connection Service Valve Size | |
|------------|---------------------|----|----|---|-------|
| | A | B | C | Liquid | Vapor |
| 018 | 29-1/2 | 37 | 31 | 3/8" | 3/4" |
| 024 | 33-1/2 | 37 | 31 | | 7/8" |
| 030 | 39-1/2 | 37 | 31 | | |
| 036 | 39-1/2 | 42 | 34 | | |
| 042 | 39-1/2 | 42 | 34 | | |
| 048 | 39-1/2 | 42 | 34 | | |
| 060 | 39-1/2 | 42 | 34 | 1-1/8" | |

* Expander fitting required for 1-1/8" lineset.

| Additional R-22 Charge / TXV Size for Various Matched Systems | | | | | | | |
|---|--|----------|----------|----------|----------|----------|----------|
| Outdoor Unit | YMB01811 | YMB02411 | YMB03011 | YMB03611 | YMB04211 | YMB04811 | YMB06011 |
| Required TXV ¹ | 1TVM2A1 | 1TVM2A1 | 1TVM2A1 | 1TVM2A1 | 1TVM2C1 | 1TVM2C1 | 1TVM2C1 |
| Factory R-22 Charge, lbs-oz | 6 - 6 | 7 - 9 | 9 - 1 | 9 - 9 | 10 - 9 | 13 - 1 | 14 - 11 |
| Indoor Coil ^{2,3} | TXV Kit ⁴ - Additional Charge, Oz | | | | | | |
| FC/MC/PC/UC18A2A | 0 | - | - | - | - | - | - |
| FC/MC/PC/UC18B2A | 0 | - | - | - | - | - | - |
| FC/MC/PC/UC24A2A | - | 0 | - | - | - | - | - |
| FC/MC/PC/UC24B2A | - | 0 | - | - | - | - | - |
| FC/MC/PC/UC30A2A | - | 0 | - | - | - | - | - |
| FC/MC/PC/UC30B2A | - | 0 | - | - | - | - | - |
| FC/MC/PC35B2A | - | - | 0 | - | - | - | - |
| FC/MC/PC/UC42B2C | - | - | 0 | - | - | - | - |
| FC/MC/PC/UC42C2C | - | - | 0 | - | - | - | - |
| FC/MC/PC/UC48C2C | - | - | - | 0 | - | - | - |
| FC/MC/PC/UC48D2C | - | - | - | 0 | - | - | - |
| FC/PC/UC60C2C | - | - | - | - | 0 | 0 | 0 |
| FC/MC/PC/UC60D2C | - | - | - | - | 0 | 0 | 0 |
| MC61D2C | - | - | - | - | - | 0 | 0 |
| HC18A2A | 0 | - | - | - | - | - | - |
| HC30A2A | - | 0 | - | - | - | - | - |
| HC36B2A | - | - | 0 | - | - | - | - |
| HC42C2C | - | - | - | 0 | - | - | - |
| HC60D2C | - | - | - | - | 0 | 0 | 0 |
| HD24A2A | - | 0 | - | - | - | - | - |
| HD36B2A | - | - | 0 | - | - | - | - |
| HD48C2C | - | - | - | 0 | - | - | - |
| HD60D2C | - | - | - | - | 0 | 0 | 0 |
| AHP18B2A | 0 | - | - | - | - | - | - |
| AHP24B2A | - | 0 | - | - | - | - | - |
| AHP30B2A | - | - | 0 | - | - | - | - |
| AHP36C2A | - | - | - | 0 | - | - | - |
| AHP42C2C | - | - | - | 0 | - | - | - |
| AHP/SHP48D2C | - | - | - | - | 0 | 0 | - |
| AHP/SHP60D2C | - | - | - | - | 0 | 0 | 0 |
| AV24B2A | 0 | 0 | - | - | - | - | - |
| AV36C2A | - | - | 0 | 0 | - | - | - |
| AV/SV48D2C | - | - | - | - | 0 | 0 | - |
| AV/SV60D2C | - | - | - | - | 0 | 0 | 0 |
| FC/MC/PC/UC18A3X | 2A + 0 | - | - | - | - | - | - |
| FC/MC/PC/UC18B3X | 2A + 0 | - | - | - | - | - | - |
| FC/MC/PC/UC24A3X | - | 2A + 0 | - | - | - | - | - |
| FC/MC/PC/UC24B3X | - | 2A + 0 | - | - | - | - | - |
| FC/MC/PC/UC30A3X | - | 2A + 0 | - | - | - | - | - |
| FC/MC/PC/UC30B3X | - | 2A + 0 | - | - | - | - | - |
| FC/MC/PC35B2A | - | - | 2A + 0 | - | - | - | - |
| FC/MC/PC/UC42B3X | - | - | 2A + 0 | - | - | - | - |
| FC/MC/PC/UC42C3X | - | - | 2A + 0 | - | - | - | - |
| FC/MC/PC/UC48C3X | - | - | - | 2A + 0 | - | - | - |
| FC/MC/PC/UC48D3X | - | - | - | 2A + 0 | - | - | - |
| FC/PC/UC60C3X | - | - | - | - | 2C + 0 | 2C + 0 | 2C + 0 |
| FC/MC/PC/UC60D3X | - | - | - | - | 2C + 0 | 2C + 0 | 2C + 0 |
| MC61D3X | - | - | - | - | - | 2C + 0 | 2C + 0 |

For Notes see Page 4.

| Additional R-22 Charge / TXV Size for Various Matched Systems | | | | | | | |
|---|--|----------|----------|----------|----------|----------|----------|
| Outdoor Unit | YMB01811 | YMB02411 | YMB03011 | YMB03611 | YMB04211 | YMB04811 | YMB06011 |
| Required TXV ¹ | 1TVM2A1 | 1TVM2A1 | 1TVM2A1 | 1TVM2A1 | 1TVM2C1 | 1TVM2C1 | 1TVM2C1 |
| Factory R-22 Charge, lbs-oz | 6 - 6 | 7 - 9 | 9 - 1 | 9 - 9 | 10 - 9 | 13 - 1 | 14 - 11 |
| Indoor Coil ^{2,3} | TXV Kit ⁴ - Additional Charge, Oz | | | | | | |
| HC18A3X | 2A + 0 | - | - | - | - | - | - |
| HC30A3X | - | 2A + 0 | - | - | - | - | - |
| HC36B3X | - | - | 2A + 0 | - | - | - | - |
| HC42C3X | - | - | - | 2A + 0 | - | - | - |
| HC60D3X | - | - | - | - | 2C + 0 | 2C + 0 | 2C + 0 |
| HD24A3X | - | 2A + 0 | - | - | - | - | - |
| HD36B3X | - | - | 2A + 0 | - | - | - | - |
| HD48C3X | - | - | - | 2A + 0 | - | - | - |
| HD60D3X | - | - | - | - | 2C + 0 | 2C + 0 | 2C + 0 |
| AHP18B3X | 2A + 0 | - | - | - | - | - | - |
| AHP24B3X | - | 2A + 0 | - | - | - | - | - |
| AHP30B3X | - | - | 2A + 0 | - | - | - | - |
| AHP36C3X | - | - | - | 2A + 0 | - | - | - |
| AHP42C3X | - | - | - | 2A + 0 | - | - | - |
| AHP/SHP48D3X | - | - | - | - | 2C + 0 | 2C + 0 | - |
| AHP/SHP60D3X | - | - | - | - | 2C + 0 | 2C + 0 | 2C + 0 |
| AV24B3X | 2A + 0 | 2A + 0 | - | - | - | - | - |
| AV36C3X | - | - | 2A + 0 | 2A + 0 | - | - | - |
| AV/SV48D3X | - | - | - | - | 2C + 0 | 2C + 0 | - |
| AV/SV60D3X | - | - | - | - | 2C + 0 | 2C + 0 | 2C + 0 |
| F*FP024H06T2A | 2A + 0 | - | - | - | - | - | - |
| F*FP040H06T2A | - | - | 2A + 0 | - | - | - | - |
| F*FP045H06T2C | - | - | - | - | 2C + 0 | - | - |
| F*FV060H06T2C | - | - | - | - | 2C + 0 | 2C + 0 | 2C + 0 |

FOOTNOTES:

- 1 A TXV kit must be used with these coils to obtain system performance.
- 2 Systems matched with furnace or air handlers not equipped with blower-off delays may require blower Time Delay Kit 2FD06700224.
- 3 These orifices are factory mounted in the flow device of each indoor coil.
- 4 If not TXV is listed, the indoor coil has the correct valve factory-installed.

PROCEDURES:

1. Unit factory charge listed on the unit nameplate includes refrigerant for the condenser, the smallest evaporator and 15 feet of interconnecting line tubing.
2. Verify the TXV and additional charge required for specific evaporator coil in the system using the above table.
3. Additional charge for the amount of interconnecting line tubing greater than 15 feet at the rate specified on the previous page.
4. Permanently mark the unit nameplate with the total system charge. Total System Charge = Base Charge (as shipped) + adder for evaporator + adder for line set.

COOLING CAPACITY - With Air Handler Coils

| UNIT MODEL | AIR HANDLER | | COIL ¹ MODEL | RATED CFM | COOLING | | | SEER | EER |
|---|-------------|----|----------------------------|--------------|---------|--------------|-------|-------|-----|
| | MODEL | W | | | NET MBH | | | | |
| | | | | | TOTAL | SENSIBL E | | | |
| 1 PH 13 SEER HP WITH MA | | | | | | | | | |
| YMB01811 | MA08B | 17 | FC/MC18B | 600 | 17.3 | 12.1 | 13.00 | 11.00 | |
| YMB02411 | MA08B | 17 | FC/MC24B | 800 | 23.0 | 16.3 | 13.00 | 11.00 | |
| | MA08B | 17 | FC/MC30B | 800 | 23.0 | 16.3 | 13.00 | 11.00 | |
| YMB03011 | MA12B | 17 | FC/MC35B | 1000 | 28.6 | 20.3 | 13.00 | 11.00 | |
| | MA12B | 17 | FC/MC42B | 1000 | 28.6 | 20.3 | 13.00 | 11.00 | |
| YMB03611 | MA12B | 17 | FC/MC42B | 1200 | 34.6 | 25.0 | 13.00 | 11.00 | |
| | MA14D | 24 | FC/MC48D | 1200 | 35.2 | 25.5 | 13.50 | 11.00 | |
| YMB04211 | MA16C | 21 | FC60C | 1400 | 41.5 | 30.7 | 13.00 | 11.00 | |
| | MA14D | 24 | FC/MC60D | 1400 | 41.5 | 30.7 | 13.00 | 11.00 | |
| YMB04811 | MA16C | 21 | FC60C | 1600 | 47.0 | 34.2 | 13.00 | 11.00 | |
| | MA20D | 24 | FC/MC60D | 1600 | 47.0 | 34.2 | 13.00 | 11.00 | |
| YMB06011 | MA20D | 24 | FC/MC60D | 1800 | 55.0 | 37.9 | 13.00 | 11.00 | |
| | MA20D | 24 | MC61D | 1800 | 55.5 | 38.3 | 13.00 | 11.00 | |
| 1 PH 13 SEER HP WITH MV - VARIABLE SPEED | | | | | | | | | |
| YMB01811 | MV12B | 17 | FC/MC18B | 600 | 17.5 | 12.0 | 14.00 | 11.50 | |
| YMB02411 | MV12B | 17 | FC/MC24B | 800 | 23.4 | 16.3 | 14.00 | 11.50 | |
| | MV12B | 17 | FC/MC30B | 800 | 23.4 | 16.3 | 14.00 | 11.50 | |
| YMB03011 | MV12B | 17 | FC/MC35B | 1000 | 29.0 | 20.1 | 14.00 | 11.50 | |
| | MV12B | 17 | FC/MC42B | 1000 | 29.0 | 20.1 | 14.00 | 11.50 | |
| YMB03611 | MV16C | 21 | FC/MC48C | 1200 | 36.0 | 25.3 | 14.00 | 11.50 | |
| | MV20D | 24 | FC/MC48D | 1200 | 36.0 | 25.3 | 14.00 | 11.50 | |
| YMB04211 | MV16C | 21 | FC60C | 1400 | 41.0 | 29.6 | 13.50 | 11.00 | |
| | MV20D | 24 | FC/MC60D | 1400 | 42.0 | 30.2 | 14.00 | 11.50 | |
| YMB04811 | MV16C | 21 | FC60C | 1600 | 46.0 | 32.7 | 13.25 | 11.00 | |
| | MV20D | 24 | FC/MC60D | 1600 | 47.0 | 33.3 | 13.50 | 11.00 | |
| YMB06011 | MV20D | 24 | FC/MC60D | 1800 | 55.0 | 37.2 | 13.25 | 11.00 | |
| | MV20D | 24 | MC61D | 1800 | 55.5 | 37.6 | 13.25 | 11.00 | |
| 1 PH 13 SEER HP WITH AV / SV / F*FV - VARIABLE SPEED | | | | | | | | | |
| YMB01811 | AV24 | 17 | — | 600 | 17.5 | 12.0 | 14.00 | 11.50 | |
| YMB02411 | AV24 | 17 | — | 800 | 23.4 | 16.3 | 14.00 | 11.50 | |
| YMB03011 | AV36 | 21 | — | 1000 | 29.0 | 20.1 | 14.00 | 11.50 | |
| YMB03611 | AV36 | 21 | — | 1200 | 36.0 | 25.3 | 14.00 | 11.50 | |
| YMB04211 | AV/SV48 | 24 | — | 1400 | 42.0 | 30.2 | 14.00 | 11.50 | |
| | AV/SV60 | 24 | — | 1400 | 42.0 | 30.2 | 14.00 | 11.50 | |
| | F*FV060 | 24 | — | 1400 | 42.0 | 30.2 | 14.00 | 11.50 | |
| YMB04811 | AV/SV48 | 24 | — | 1600 | 47.0 | 33.3 | 13.50 | 11.00 | |
| | AV/SV60 | 24 | — | 1600 | 47.0 | 33.3 | 13.50 | 11.00 | |
| | F*FV060 | 24 | — | 1600 | 47.0 | 33.3 | 13.50 | 11.00 | |
| YMB06011 | AV/SV60 | 24 | — | 1800 | 55.0 | 37.2 | 13.25 | 11.00 | |
| | F*FV060 | 24 | — | 1800 | 55.0 | 37.2 | 13.00 | 11.00 | |
| 1 PH 13 SEER HP WITH AHP / SHP / F*FP | | | | | | | | | |
| YMB01811 | AHP18 | 17 | — | 650 | 17.4 | 12.7 | 13.00 | 11.00 | |
| | F*FP024 | 17 | — | 600 | 17.3 | 12.1 | 13.00 | 11.00 | |
| YMB02411 | AHP24 | 17 | — | 830 | 23.0 | 16.5 | 13.00 | 11.00 | |
| YMB03011 | AHP30 | 17 | — | 1015 | 28.8 | 20.4 | 13.00 | 11.00 | |
| | F*FP040 | 17 | — | 1000 | 28.6 | 20.3 | 13.00 | 11.00 | |
| YMB03611 | AHP36 | 21 | — | 1200 | 35.2 | 25.5 | 13.50 | 11.00 | |
| | AHP42 | 21 | — | 1200 | 35.2 | 25.5 | 13.50 | 11.00 | |
| YMB04211 | AHP/SHP48 | 21 | — | 1400 | 41.5 | 30.7 | 13.00 | 11.00 | |
| | AHP/SHP60 | 24 | — | 1400 | 42.0 | 30.8 | 14.00 | 11.50 | |
| | F*FP045 | 21 | — | 1400 | 41.5 | 30.7 | 13.00 | 11.00 | |
| YMB04811 | AHP/SHP48 | 21 | — | 1675 | 47.0 | 35.0 | 13.00 | 11.00 | |
| | AHP/SHP60 | 24 | — | 1600 | 47.0 | 34.2 | 13.50 | 11.00 | |
| YMB06011 | AHP/SHP60 | 24 | — | 1850 | 55.0 | 38.7 | 13.00 | 11.00 | |

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

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

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

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

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

— = Not applicable.

Go to www.ari.org/airdirectory for the latest additional matches.

COOLING CAPACITY - Upflow, Downflow & Horizontal Furnaces and Coils

| UNIT MODEL | FURNACE** | | COIL MODEL | COOLING | | | | |
|------------|--------------------------|-------|---------------|--------------|---------|----------|-------------------|-------|
| | CFM RANGE (Min.-max.) | W | | RATED CFM | NET MBH | | SEER ¹ | EER |
| | | | | | TOTAL | SENSIBLE | | |
| YMB01811 | 400 | 14,17 | FC/MC/PC/UC18 | 600 | 17.3 | 12.1 | 13.00 | 11.00 |
| | 800 | 14 | HC18 | 600 | 17.3 | 12.1 | 13.00 | 11.00 |
| YMB02411 | 600 1000 | 14,17 | FC/MC/PC/UC24 | 800 | 23.0 | 16.3 | 13.00 | 11.00 |
| | | 14,17 | FC/MC/PC/UC30 | 800 | 23.0 | 16.3 | 13.00 | 11.00 |
| | | 21 | HC30 | 800 | 23.2 | 16.5 | 13.00 | 11.00 |
| | | – | HD24 | 800 | 23.4 | 16.7 | 13.00 | 11.00 |
| YMB03011 | 800 1200 | 17,21 | FC/MC/PC/UC35 | 1000 | 28.6 | 20.3 | 13.00 | 11.00 |
| | | 17,21 | FC/MC/PC/UC42 | 1000 | 28.6 | 20.3 | 13.00 | 11.00 |
| | | 17 | HC36 | 1000 | 28.8 | 20.3 | 13.00 | 11.00 |
| | | – | HD36 | 1000 | 28.8 | 20.3 | 13.00 | 11.00 |
| YMB03611 | 1000 1400 | 17,21 | FC/MC/PC/UC42 | 1200 | 34.6 | 25.0 | 13.00 | 11.00 |
| | | 21,24 | FC/MC/PC/UC48 | 1200 | 35.2 | 25.5 | 13.50 | 11.00 |
| | | 21 | HC42 | 1200 | 35.4 | 25.0 | 13.50 | 11.00 |
| | | – | HD48 | 1200 | 36.0 | 26.0 | 13.50 | 11.00 |
| YMB04211 | 1200 1600 | 21,24 | FC/MC/PC/UC60 | 1400 | 41.5 | 30.7 | 13.00 | 11.00 |
| | | 24 | HC60 | 1400 | 41.5 | 30.7 | 13.00 | 11.00 |
| | | – | HD60 | 1400 | 41.5 | 30.8 | 13.00 | 11.00 |
| YMB04811 | 1400 1800 | 21,24 | FC/MC/PC/UC60 | 1600 | 47.0 | 34.2 | 13.00 | 11.00 |
| | | 24 | HC60 | 1600 | 47.0 | 34.2 | 13.00 | 11.00 |
| | | – | HD60 | 1600 | 47.0 | 34.3 | 13.00 | 11.00 |
| YMB06011 | 1600 2000 | 21,24 | FC/MC/PC/UC60 | 1800 | 55.0 | 37.9 | 13.00 | 11.00 |
| | | 24 | MC61 | 1800 | 55.5 | 38.3 | 13.00 | 11.00 |
| | | 24 | HC60 | 1800 | 55.0 | 37.9 | 13.00 | 11.00 |
| | | – | HD60 | 1800 | 55.0 | 38.3 | 13.00 | 11.00 |

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

COOLING CAPACITY - With Variable Speed Furnaces

| UNIT MODEL | VARIABLE SPEED FURNACE MODEL | COIL MODEL ¹ | W | COOLING | | | | |
|--|------------------------------|-------------------------|-------------|-----------|---------|----------|-------|-------|
| | | | | RATED CFM | NET MBH | | SEER | EER |
| | | | | | TOTAL | SENSIBLE | | |
| 1 PH 13 SEER HP WITH - VARIABLE SPEED^{2,3} | | | | | | | | |
| YMB01811 | PV8*A12 | 14 | FC/MC/PC18A | 600 | 17.6 | 12.2 | 14.00 | 11.50 |
| | PV9*A12 | 14 | FC/MC/PC18A | 600 | 17.6 | 12.2 | 14.00 | 11.50 |
| | P(C,V)9*B12 | 17 | FC/MC/PC18B | 600 | 17.6 | 12.2 | 14.00 | 11.50 |
| | PV8*A12 | 14 | HC18 | 600 | 17.6 | 12.2 | 14.00 | 11.50 |
| | PV9*A12 | 14 | HC18 | 600 | 17.6 | 12.2 | 14.00 | 11.50 |
| YMB02411 | PV8*A12 | 14 | FC/MC/PC24A | 800 | 23.2 | 16.5 | 14.00 | 11.50 |
| | PV9*A12 | 14 | FC/MC/PC24A | 800 | 23.2 | 16.5 | 14.00 | 11.50 |
| | P(C,V)9*B12 | 17 | FC/MC/PC24B | 800 | 23.2 | 16.5 | 14.00 | 11.50 |
| | PV8*A12 | 14 | FC/MC/PC30A | 800 | 23.2 | 16.5 | 14.00 | 11.50 |
| | PV9*A12 | 14 | FC/MC/PC30A | 800 | 23.2 | 16.5 | 14.00 | 11.50 |
| | P(C,V)9*B12 | 17 | FC/MC/PC30B | 800 | 23.2 | 16.5 | 14.00 | 11.50 |
| | PV8*A12 | 14 | HC30 | 800 | 23.6 | 16.7 | 14.00 | 11.50 |
| | PV9*A12 | 14 | HC30 | 800 | 23.6 | 16.7 | 14.00 | 11.50 |
| | PV8*A12 | – | HD24 | 800 | 23.8 | 16.9 | 14.00 | 11.50 |
| PV9*A12 | – | HD24 | 800 | 23.8 | 16.9 | 14.00 | 11.50 | |
| YMB03011 | PV8*B16 | 17 | FC/MC/PC35B | 1000 | 29.2 | 20.5 | 14.00 | 11.50 |
| | P(C,V)9*B12 | 17 | FC/MC/PC35B | 1000 | 29.0 | 20.4 | 14.00 | 11.50 |
| | PV8*B16 | 17 | HC36 | 1000 | 29.2 | 20.5 | 14.00 | 11.50 |
| | P(C,V)9*B12 | 17 | HC36 | 1000 | 29.2 | 20.5 | 14.00 | 11.50 |
| | PV8*A12 | – | HD36 | 1000 | 29.0 | 20.4 | 14.00 | 11.50 |
| | PV8*B16 | – | HD36 | 1000 | 29.2 | 20.5 | 14.00 | 11.50 |
| | PV8*C16 | – | HD36 | 1000 | 29.4 | 20.5 | 14.00 | 11.50 |
| | PV8*C20 | – | HD36 | 1000 | 29.4 | 20.6 | 14.00 | 11.50 |
| | PV9*A12 | – | HD36 | 1000 | 29.0 | 20.4 | 13.75 | 11.00 |
| | P(C,V)9*B12 | – | HD36 | 1000 | 29.2 | 20.5 | 14.00 | 11.50 |
| | P(C,V)9*C16 | – | HD36 | 1000 | 29.2 | 20.5 | 14.00 | 11.50 |
| P(C,V)9*C20 | – | HD36 | 1000 | 29.2 | 20.5 | 14.00 | 11.50 | |
| YMB03611 | PV8*B16 | 17 | FC/MC/PC42B | 1200 | 35.0 | 25.0 | 14.00 | 11.50 |
| | P(C,V)9*B12 | 17 | FC/MC/PC42B | 1200 | 35.0 | 25.0 | 13.50 | 11.00 |
| | PV8*C16 | 21 | FC/MC/PC42C | 1200 | 35.0 | 25.0 | 13.50 | 11.00 |
| | PV8*C20 | 21 | FC/MC/PC42C | 1200 | 35.0 | 25.0 | 14.00 | 11.50 |
| | P(C,V)9*C16 | 21 | FC/MC/PC42C | 1200 | 35.0 | 25.0 | 13.50 | 11.00 |
| | P(C,V)9*C20 | 21 | FC/MC/PC42C | 1200 | 35.0 | 25.0 | 14.00 | 11.50 |
| | PV8*C16 | 21 | FC/MC/PC48C | 1200 | 36.0 | 25.7 | 14.00 | 11.50 |
| | PV8*C20 | 21 | FC/MC/PC48C | 1200 | 36.0 | 25.7 | 14.00 | 11.50 |
| | P(C,V)9*C16 | 21 | FC/MC/PC48C | 1200 | 35.8 | 25.7 | 14.00 | 11.50 |
| | P(C,V)9*C20 | 21 | FC/MC/PC48C | 1200 | 36.0 | 25.7 | 14.00 | 11.50 |
| | P(C,V)9*D20 | 24 | FC/MC/PC48D | 1200 | 36.0 | 25.7 | 14.00 | 11.50 |
| | PV8*C16 | 21 | HC42 | 1200 | 36.0 | 25.9 | 14.00 | 11.50 |
| | PV8*C20 | 21 | HC42 | 1200 | 36.0 | 25.9 | 14.00 | 11.50 |
| | P(C,V)9*C16 | 21 | HC42 | 1200 | 36.0 | 25.9 | 14.00 | 11.50 |
| | P(C,V)9*C20 | 21 | HC42 | 1200 | 36.0 | 25.9 | 14.00 | 11.50 |
| | PV8*C16 | – | HD48 | 1200 | 36.0 | 25.9 | 14.00 | 11.50 |
| | PV8*C20 | – | HD48 | 1200 | 36.0 | 25.9 | 14.00 | 11.50 |
| | P(C,V)9*C16 | – | HD48 | 1200 | 36.0 | 25.9 | 14.00 | 11.50 |
| P(C,V)9*C20 | – | HD48 | 1200 | 36.0 | 25.9 | 14.00 | 11.50 | |
| P(C,V)9*D20 | – | HD48 | 1200 | 36.0 | 25.8 | 14.00 | 11.50 | |

For Notes see Page 8.

COOLING CAPACITY - With Variable Speed Furnaces

| UNIT MODEL | VARIABLE SPEED FURNACE MODEL | COIL MODEL ¹ | W | COOLING | | | | |
|--|------------------------------|-------------------------|-------------|-----------|---------|----------|-------|-------|
| | | | | RATED CFM | NET MBH | | SEER | EER |
| | | | | | TOTAL | SENSIBLE | | |
| 1 PH 13 SEER HP WITH - VARIABLE SPEED^{2,3} | | | | | | | | |
| YMB04211 | PV8*C16 | 21 | FC/PC60C | 1400 | 41.5 | 30.8 | 13.50 | 11.00 |
| | PV8*C20 | 21 | FC/PC60C | 1400 | 42.0 | 30.8 | 13.50 | 11.00 |
| | P(C,V)9*C16 | 21 | FC/PC60C | 1400 | 41.5 | 30.8 | 13.50 | 11.00 |
| | P(C,V)9*C20 | 21 | FC/PC60C | 1400 | 41.5 | 30.8 | 13.50 | 11.00 |
| | P(C,V)9*D20 | 24 | FC/MC/PC60D | 1400 | 41.5 | 30.8 | 13.50 | 11.00 |
| | PV8*C20 | 21 | HC60 | 1400 | 42.0 | 30.8 | 13.50 | 11.00 |
| | P(C,V)9*C20 | 21 | HC60 | 1400 | 41.5 | 30.8 | 13.50 | 11.00 |
| | P(C,V)9*D20 | 24 | HC60 | 1400 | 41.5 | 30.8 | 13.50 | 11.00 |
| | PV8*C16 | – | HD60 | 1400 | 42.0 | 30.8 | 13.50 | 11.00 |
| | PV8*C20 | – | HD60 | 1400 | 42.0 | 30.8 | 13.50 | 11.00 |
| | P(C,V)9*C16 | – | HD60 | 1400 | 42.0 | 30.8 | 13.50 | 11.00 |
| | P(C,V)9*C20 | – | HD60 | 1400 | 42.0 | 30.8 | 13.50 | 11.00 |
| P(C,V)9*D20 | – | HD60 | 1400 | 41.5 | 30.7 | 13.50 | 11.00 | |
| YMB04811 | PV8*C16 | 21 | FC/PC60C | 1500 | 47.0 | 33.1 | 13.00 | 11.00 |
| | PV8*C20 | 21 | FC/PC60C | 1600 | 47.0 | 34.1 | 13.25 | 11.00 |
| | P(C,V)9*C16 | 21 | FC/PC60C | 1600 | 47.0 | 34.2 | 13.00 | 11.00 |
| | P(C,V)9*C20 | 21 | FC/PC60C | 1600 | 47.0 | 34.1 | 13.00 | 11.00 |
| | P(C,V)9*D20 | 24 | FC/MC/PC60D | 1600 | 47.0 | 34.1 | 13.25 | 11.00 |
| | PV8*C20 | 21 | HC60 | 1600 | 47.0 | 34.1 | 13.25 | 11.00 |
| | P(C,V)9*C20 | 21 | HC60 | 1600 | 47.0 | 34.1 | 13.00 | 11.00 |
| | P(C,V)9*D20 | 24 | HC60 | 1600 | 47.0 | 34.1 | 13.25 | 11.00 |
| | PV8*C16 | – | HD60 | 1500 | 47.0 | 33.1 | 13.25 | 11.00 |
| | PV8*C20 | – | HD60 | 1600 | 47.0 | 34.4 | 13.25 | 11.00 |
| | P(C,V)9*C16 | – | HD60 | 1600 | 47.0 | 34.4 | 13.00 | 11.00 |
| | P(C,V)9*C20 | – | HD60 | 1600 | 47.0 | 34.4 | 13.25 | 11.00 |
| P(C,V)9*D20 | – | HD60 | 1600 | 47.0 | 34.4 | 13.25 | 11.00 | |
| YMB06011 | PV8*C20 | 21 | FC/PC60C | 1730 | 55.0 | 37.5 | 13.00 | 11.00 |
| | P(C,V)9*C20 | 21 | FC/PC60C | 1620 | 54.5 | 36.0 | 13.00 | 11.00 |
| | P(C,V)9*D20 | 24 | FC/MC/PC60D | 1620 | 54.5 | 36.1 | 13.25 | 11.00 |
| | PV8*C20 | 21 | MC61D | 1730 | 55.5 | 37.8 | 13.25 | 11.00 |
| | P(C,V)9*C20 | 21 | MC61D | 1620 | 54.0 | 36.5 | 13.00 | 11.00 |
| | P(C,V)9*D20 | 24 | MC61D | 1620 | 55.0 | 36.6 | 13.25 | 11.00 |
| | PV8*C20 | 21 | HC60 | 1730 | 55.0 | 37.5 | 13.00 | 11.00 |
| | P(C,V)9*D20 | 24 | HC60 | 1620 | 54.5 | 36.1 | 13.25 | 11.00 |
| | PV8*C20 | – | HD60 | 1730 | 55.0 | 37.4 | 13.00 | 11.00 |
| | P(C,V)9*C20 | – | HD60 | 1620 | 54.5 | 36.4 | 13.00 | 11.00 |
| P(C,V)9*D20 | – | HD60 | 1620 | 54.0 | 36.4 | 13.25 | 11.00 | |

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

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

3 HC60D coils matched to "C" width furnaces will require field supplied transition or modification.

HEATING PERFORMANCE - Air Handlers

| UNIT MODEL* | AIR HANDLER | COIL ¹ MODEL | ARI HEATING ² | | | | | | |
|---|-------------|-------------------------|--------------------------|------|------|------|------|------|------|
| | | | 47°F | | | 17°F | | | HSPF |
| | | | MBH | COP | KW | MBH | COP | KW | STD |
| 1 PH 13 SEER HP WITH MA | | | | | | | | | |
| YMB01811 | MA08B | FC/MC18B | 17.5 | 3.40 | 1.51 | 10.6 | 2.40 | 1.29 | 8.00 |
| YMB02411 | MA08B | FC/MC24B | 23.6 | 3.20 | 2.16 | 14.6 | 2.20 | 1.94 | 8.00 |
| | MA08B | FC/MC30B | 23.6 | 3.20 | 2.16 | 14.6 | 2.20 | 1.94 | 8.00 |
| YMB03011 | MA12B | FC/MC35B | 29.6 | 3.40 | 2.55 | 18.0 | 2.20 | 2.40 | 8.00 |
| | MA12B | FC/MC42B | 29.6 | 3.40 | 2.55 | 18.0 | 2.20 | 2.40 | 8.00 |
| YMB03611 | MA12B | FC/MC42B | 35.0 | 4.00 | 2.78 | 22.6 | 2.58 | 2.58 | 8.75 |
| | MA14D | FC/MC48D | 36.0 | 4.00 | 2.78 | 22.6 | 2.58 | 2.58 | 9.00 |
| YMB04211 | MA16C | FC60C | 42.0 | 3.76 | 3.27 | 29.0 | 2.54 | 3.34 | 8.60 |
| | MA14D | FC/MC60D | 42.0 | 3.76 | 3.27 | 29.0 | 2.54 | 3.34 | 8.60 |
| YMB04811 | MA16C | FC60C | 48.0 | 3.76 | 3.74 | 33.4 | 2.58 | 3.79 | 8.60 |
| | MA20D | FC/MC60D | 48.0 | 3.76 | 3.74 | 33.4 | 2.58 | 3.79 | 8.60 |
| YMB06011 | MA20D | FC/MC60D | 58.0 | 3.58 | 4.75 | 40.0 | 2.40 | 4.88 | 8.00 |
| | MA20D | MC61D | 58.0 | 3.58 | 4.75 | 40.0 | 2.40 | 4.88 | 8.00 |
| 1 PH 13 SEER HP WITH MV - VARIABLE SPEED | | | | | | | | | |
| YMB01811 | MV12B | FC/MC18B | 17.1 | 3.60 | 1.39 | 10.3 | 2.54 | 1.19 | 8.50 |
| YMB02411 | MV12B | FC/MC24B | 23.2 | 3.38 | 2.01 | 14.0 | 2.30 | 1.78 | 8.30 |
| | MV12B | FC/MC30B | 23.2 | 3.38 | 2.01 | 14.0 | 2.30 | 1.78 | 8.30 |
| YMB03011 | MV12B | FC/MC35B | 29.0 | 3.58 | 2.37 | 17.3 | 2.30 | 2.20 | 8.35 |
| | MV12B | FC/MC42B | 29.0 | 3.58 | 2.37 | 17.3 | 2.28 | 2.22 | 8.30 |
| YMB03611 | MV16C | FC/MC48C | 36.0 | 4.18 | 2.62 | 22.2 | 2.70 | 2.41 | 9.50 |
| | MV20D | FC/MC8D | 36.0 | 4.24 | 2.57 | 22.2 | 2.74 | 2.35 | 9.60 |
| YMB04211 | MV16C | FC60C | 42.0 | 3.92 | 3.14 | 28.2 | 2.66 | 3.11 | 8.85 |
| | MV20D | FC/MC60D | 42.0 | 3.92 | 3.14 | 28.2 | 2.66 | 3.11 | 8.85 |
| YMB04811 | MV16C | FC60C | 48.0 | 3.86 | 3.64 | 33.0 | 2.66 | 3.63 | 8.75 |
| | MV20D | FC/MC60D | 48.0 | 3.86 | 3.64 | 33.0 | 2.66 | 3.63 | 8.75 |
| YMB06011 | MV20D | FC/MC60D | 58.0 | 3.64 | 4.67 | 39.5 | 2.42 | 4.78 | 8.15 |
| | MV20D | MC61D | 58.0 | 3.66 | 4.64 | 39.5 | 2.44 | 4.74 | 8.20 |
| 1 PH 13 SEER HP WITH AV / SV / FV - VARIABLE SPEED | | | | | | | | | |
| YMB01811 | AV24 | - | 17.1 | 3.60 | 1.39 | 10.3 | 2.54 | 1.19 | 8.50 |
| YMB02411 | AV24 | - | 23.2 | 3.38 | 2.01 | 14.0 | 2.30 | 1.78 | 8.30 |
| YMB03011 | AV36 | - | 29.0 | 3.58 | 2.37 | 17.3 | 2.30 | 2.20 | 8.35 |
| YMB03611 | AV36 | - | 36.0 | 4.18 | 2.62 | 22.2 | 2.70 | 2.41 | 9.50 |
| YMB04211 | AV/SV48 | - | 42.0 | 3.92 | 3.14 | 28.2 | 2.66 | 3.11 | 8.85 |
| | AV/SV60 | - | 42.0 | 3.92 | 3.14 | 28.2 | 2.66 | 3.11 | 8.85 |
| | F*FV060 | - | 42.0 | 3.92 | 3.14 | 28.2 | 2.66 | 3.11 | 8.85 |
| YMB04811 | AV/SV48 | - | 48.0 | 3.86 | 3.64 | 33.0 | 2.66 | 3.63 | 8.75 |
| | AV/SV60 | - | 48.0 | 3.86 | 3.64 | 33.0 | 2.66 | 3.63 | 8.75 |
| | F*FV060 | - | 48.0 | 3.86 | 3.64 | 33.0 | 2.66 | 3.63 | 8.75 |
| YMB06011 | AV/SV60 | - | 58.0 | 3.64 | 4.67 | 39.5 | 2.42 | 4.78 | 8.15 |
| | F*FV060 | - | 58.0 | 3.64 | 4.67 | 39.5 | 2.42 | 4.78 | 8.15 |

For Notes see Page 10.

HEATING PERFORMANCE - Air Handlers

| UNIT MODEL* | AIR HANDLER | COIL ¹ MODEL | ARI HEATING ² | | | | | | |
|--------------------------------------|-------------|-------------------------|--------------------------|------|------|------|------|------|------|
| | | | 47°F | | | 17°F | | | HSPF |
| | | | MBH | COP | KW | MBH | COP | KW | STD |
| 1 PH 13 SEER HP WITH AHP/ SHP | | | | | | | | | |
| YMB01811 | AHP18 | — | 17.5 | 3.40 | 1.51 | 10.6 | 2.40 | 1.29 | 8.00 |
| | F*FP024 | — | 17.5 | 3.40 | 1.51 | 10.6 | 2.40 | 1.29 | 8.00 |
| YMB02411 | AHP24 | — | 23.6 | 3.20 | 2.16 | 14.6 | 2.20 | 1.94 | 8.00 |
| YMB03011 | AHP30 | — | 29.6 | 3.40 | 2.55 | 18.0 | 2.20 | 2.40 | 8.00 |
| | F*FP040 | — | 29.6 | 3.40 | 2.55 | 18.0 | 2.20 | 2.40 | 8.00 |
| YMB03611 | AHP36 | — | 36.0 | 4.00 | 2.78 | 22.6 | 2.58 | 2.58 | 9.25 |
| | AHP42 | — | 36.0 | 4.00 | 2.78 | 22.6 | 2.58 | 2.58 | 9.25 |
| YMB04211 | AHP/SHP48 | — | 42.0 | 3.78 | 3.25 | 28.8 | 2.56 | 3.30 | 8.60 |
| | AHP/SHP60 | — | 42.0 | 3.90 | 3.15 | 28.2 | 2.64 | 3.13 | 8.80 |
| | F*FP045 | — | 42.0 | 3.78 | 3.25 | 28.8 | 2.56 | 3.30 | 8.60 |
| YMB04811 | AHP/SHP48 | — | 48.0 | 3.72 | 3.78 | 33.4 | 2.58 | 3.79 | 8.50 |
| | AHP/SHP60 | — | 48.0 | 3.82 | 3.68 | 33.0 | 2.66 | 3.63 | 8.70 |
| YMB06011 | AHP/SHP60 | — | 58.0 | 3.60 | 4.72 | 39.0 | 2.40 | 4.76 | 8.05 |

1 Rated CFM same as for cooling.

2 Heating MBH based on ARI standards of 70° DB entering indoor air, 72% RH outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.

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

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

— = Not Applicable.

HEATING PERFORMANCE - Furnace Coils

| UNIT MODEL* | COIL ¹ MODEL | ARI HEATING ² | | | | | | |
|-------------|-------------------------|--------------------------|------|------|------|------|------|------|
| | | 47°F | | | 17°F | | | HSPF |
| | | MBH | COP | KW | MBH | COP | KW | STD |
| YMB01811 | FC/MC/PC/UC18 | 17.5 | 3.40 | 1.51 | 10.6 | 2.40 | 1.29 | 8.00 |
| | HC18 | 17.5 | 3.40 | 1.51 | 10.6 | 2.40 | 1.29 | 8.00 |
| YMB02411 | FC/MC/PC/UC24 | 23.6 | 3.20 | 2.16 | 14.6 | 2.20 | 1.94 | 8.00 |
| | FC/MC/PC/UC30 | 23.6 | 3.20 | 2.16 | 14.6 | 2.20 | 1.94 | 8.00 |
| | HC30 | 23.6 | 3.20 | 2.16 | 14.6 | 2.20 | 1.94 | 8.00 |
| | HD24 | 23.6 | 3.20 | 2.16 | 14.6 | 2.20 | 1.94 | 8.00 |
| YMB03011 | FC/MC/PC35 | 29.6 | 3.40 | 2.55 | 18.0 | 2.20 | 2.40 | 8.00 |
| | FC/MC/PC/UC42 | 29.6 | 3.40 | 2.55 | 18.0 | 2.20 | 2.40 | 8.00 |
| | HC36 | 29.6 | 3.40 | 2.55 | 18.0 | 2.20 | 2.40 | 8.00 |
| | HD36 | 29.6 | 3.40 | 2.55 | 18.0 | 2.20 | 2.40 | 8.00 |
| YMB03611 | FC/MC/PC/UC42 | 35.0 | 4.00 | 2.78 | 22.6 | 2.58 | 2.57 | 8.50 |
| | FC/MC/PC/UC48 | 36.0 | 4.00 | 2.78 | 22.6 | 2.58 | 2.57 | 8.50 |
| | HC42 | 36.0 | 4.00 | 2.78 | 22.6 | 2.58 | 2.57 | 8.50 |
| | HD48 | 36.0 | 4.00 | 2.78 | 22.6 | 2.58 | 2.57 | 8.50 |
| YMB04211 | FC/MC/PC/UC60 | 42.0 | 3.76 | 3.27 | 29.0 | 2.54 | 3.34 | 8.50 |
| | HC60 | 42.0 | 3.76 | 3.27 | 29.0 | 2.54 | 3.34 | 8.50 |
| | HD60 | 42.0 | 3.76 | 3.27 | 29.0 | 2.54 | 3.34 | 8.50 |
| YMB04811 | FC/MC/PC/UC60 | 48.0 | 3.76 | 3.74 | 33.4 | 2.58 | 3.79 | 8.60 |
| | HC60 | 48.0 | 3.76 | 3.74 | 33.4 | 2.58 | 3.79 | 8.60 |
| | HD60 | 48.0 | 3.76 | 3.74 | 33.4 | 2.58 | 3.79 | 8.60 |
| YMB06011 | FC/MC/PC/UC60 | 58.0 | 3.58 | 4.75 | 40.0 | 2.40 | 4.88 | 8.00 |
| | MC61 | 58.0 | 3.58 | 4.75 | 40.0 | 2.40 | 4.88 | 8.00 |
| | HC60 | 58.0 | 3.58 | 4.75 | 40.0 | 2.40 | 4.88 | 8.00 |
| | HD60 | 58.0 | 3.58 | 4.75 | 40.0 | 2.40 | 4.88 | 8.00 |

1 Rated CFM same as for cooling.

2 Heating MBH based on ARI standards of 70° DB entering indoor air, 72% RH outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.

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.

HEATING CAPACITY - With Variable Speed Furnaces

| UNIT MODEL | VARIABLE SPEED FURNACE | COIL ¹ MODEL | ARI HEATING ² | | | | | | |
|------------|------------------------|-------------------------|--------------------------|------|------|------|------|------|------|
| | | | 47°F | | | 17°F | | | HSPF |
| | | | MBH | COP | KW | MBH | COP | KW | STD |
| YMB01811 | PV8*A12 | FC/MC/PC18A | 17.0 | 3.64 | 1.37 | 10.2 | 2.56 | 1.17 | 8.50 |
| | PV9*A12 | FC/MC/PC18A | 17.1 | 3.58 | 1.40 | 10.3 | 2.52 | 1.20 | 8.50 |
| | P(C,V)9*B12 | FC/MC/PC18B | 17.0 | 3.62 | 1.38 | 10.2 | 2.56 | 1.17 | 8.50 |
| | PV8*A12 | HC18 | 17.0 | 3.64 | 1.37 | 10.2 | 2.56 | 1.17 | 8.50 |
| | PV9*A12 | HC18 | 17.1 | 3.58 | 1.40 | 10.3 | 2.52 | 1.20 | 8.50 |
| YMB02411 | PV8*A12 | FC/MC/PC24A | 23.2 | 3.32 | 2.05 | 14.1 | 2.28 | 1.81 | 8.15 |
| | PV9*A12 | FC/MC/PC24A | 23.2 | 3.32 | 2.05 | 14.1 | 2.28 | 1.81 | 8.15 |
| | P(C,V)9*B12 | FC/MC/PC24B | 23.2 | 3.32 | 2.05 | 14.1 | 2.28 | 1.81 | 8.15 |
| | PV8*A12 | FC/MC/PC30A | 23.2 | 3.34 | 2.03 | 14.1 | 2.28 | 1.81 | 8.20 |
| | PV9*A12 | FC/MC/PC30A | 23.2 | 3.32 | 2.05 | 14.1 | 2.28 | 1.81 | 8.15 |
| | P(C,V)9*B12 | FC/MC/PC30B | 23.2 | 3.34 | 2.03 | 14.1 | 2.28 | 1.81 | 8.20 |
| | PV8*A12 | HC30 | 23.2 | 3.34 | 2.03 | 14.1 | 2.28 | 1.81 | 8.20 |
| | PV9*A12 | HC30 | 23.2 | 3.32 | 2.05 | 14.1 | 2.28 | 1.81 | 8.15 |
| | PV8*A12 | HD24 | 23.2 | 3.34 | 2.03 | 14.1 | 2.28 | 1.81 | 8.20 |
| PV9*A12 | HD24 | 23.2 | 3.32 | 2.05 | 14.1 | 2.28 | 1.81 | 8.15 | |
| YMB03011 | PV8*B16 | FC/MC/PC35B | 29.0 | 3.58 | 2.37 | 17.3 | 2.30 | 2.20 | 8.35 |
| | P(C,V)9*B12 | FC/MC/PC35B | 29.0 | 3.60 | 2.36 | 17.2 | 2.30 | 2.19 | 8.35 |
| | PV8*B16 | HC36 | 29.4 | 3.50 | 2.46 | 17.6 | 2.26 | 2.28 | 8.15 |
| | P(C,V)9*B12 | HC36 | 29.4 | 3.50 | 2.46 | 17.6 | 2.24 | 2.30 | 8.10 |
| | PV8*A12 | HD36 | 29.4 | 3.50 | 2.46 | 17.6 | 2.26 | 2.28 | 8.15 |
| | PV8*B16 | HD36 | 29.0 | 3.58 | 2.37 | 17.3 | 2.28 | 2.22 | 8.30 |
| | PV8*C16 | HD36 | 29.0 | 3.60 | 2.36 | 17.3 | 2.30 | 2.20 | 8.35 |
| | PV8*C20 | HD36 | 29.0 | 3.60 | 2.36 | 17.2 | 2.30 | 2.19 | 8.35 |
| | PV9*A12 | HD36 | 29.4 | 3.50 | 2.46 | 17.6 | 2.24 | 2.30 | 8.10 |
| | P(C,V)9*B12 | HD36 | 29.2 | 3.50 | 2.44 | 17.5 | 2.26 | 2.27 | 8.20 |
| | P(C,V)9*C16 | HD36 | 29.2 | 3.56 | 2.40 | 17.4 | 2.28 | 2.24 | 8.30 |
| | P(C,V)9*C20 | HD36 | 29.2 | 3.56 | 2.40 | 17.4 | 2.28 | 2.24 | 8.30 |
| YMB03611 | PV8*B16 | FC/MC/PC42B | 34.0 | 3.60 | 2.64 | 23.0 | 2.68 | 2.58 | 8.40 |
| | P(C,V)9*B12 | FC/MC/PC42B | 34.0 | 3.50 | 2.64 | 23.0 | 2.68 | 2.58 | 8.40 |
| | PV8*C16 | FC/MC/PC42C | 34.0 | 3.60 | 2.64 | 23.0 | 2.68 | 2.58 | 8.50 |
| | PV8*C20 | FC/MC/PC42C | 34.0 | 3.50 | 2.64 | 23.0 | 2.68 | 2.58 | 8.50 |
| | P(C,V)9*C16 | FC/MC/PC42C | 34.0 | 3.60 | 2.64 | 23.0 | 2.68 | 2.58 | 8.50 |
| | P(C,V)9*C20 | FC/MC/PC42C | 34.0 | 3.50 | 2.64 | 23.0 | 2.68 | 2.58 | 8.50 |
| | PV8*C16 | FC/MC/PC48C | 35.2 | 3.90 | 2.64 | 24.0 | 2.72 | 2.58 | 9.50 |
| | PV8*C20 | FC/MC/PC48C | 35.2 | 3.90 | 2.64 | 24.0 | 2.72 | 2.58 | 9.50 |
| | P(C,V)9*C16 | FC/MC/PC48C | 35.4 | 3.86 | 2.69 | 24.2 | 2.70 | 2.63 | 9.40 |
| | P(C,V)9*C20 | FC/MC/PC48C | 35.4 | 3.86 | 2.69 | 24.2 | 2.70 | 2.63 | 9.50 |
| | P(C,V)9*D20 | FC/MC/PC48D | 35.4 | 3.86 | 2.69 | 24.2 | 2.70 | 2.63 | 9.50 |
| | PV8*C16 | HC42 | 35.2 | 3.90 | 2.64 | 24.0 | 2.72 | 2.58 | 9.50 |
| | PV8*C20 | HC42 | 35.2 | 3.90 | 2.64 | 24.0 | 2.72 | 2.58 | 9.50 |
| | P(C,V)9*C16 | HC42 | 35.4 | 3.86 | 2.69 | 24.2 | 2.70 | 2.63 | 9.40 |
| | P(C,V)9*C20 | HC42 | 35.4 | 3.86 | 2.69 | 24.2 | 2.70 | 2.63 | 9.50 |
| | PV8*C16 | HD48 | 35.2 | 3.90 | 2.64 | 24.0 | 2.72 | 2.58 | 9.50 |
| | PV8*C20 | HD48 | 35.2 | 3.90 | 2.64 | 24.0 | 2.72 | 2.58 | 9.50 |
| | P(C,V)9*C16 | HD48 | 35.4 | 3.86 | 2.69 | 24.2 | 2.70 | 2.63 | 9.40 |
| | P(C,V)9*C20 | HD48 | 35.4 | 3.86 | 2.69 | 24.2 | 2.70 | 2.63 | 9.50 |
| | P(C,V)9*D20 | HD48 | 35.2 | 3.86 | 2.67 | 24.0 | 2.70 | 2.60 | 9.50 |

For Notes see Page 12.

HEATING CAPACITY - With Variable Speed Furnaces (Continued)

| UNIT MODEL | VARIABLE SPEED FURNACE | COIL ¹ MODEL | ARI HEATING ² | | | | | | |
|-------------|------------------------|-------------------------|--------------------------|------|------|------|------|------|------|
| | | | 47°F | | | 17°F | | | HSPF |
| | | | MBH | COP | KW | MBH | COP | KW | |
| YMB04211 | PV8*C16 | FC/PC60C | 42.0 | 3.84 | 3.20 | 28.4 | 2.60 | 3.20 | 8.65 |
| | PV8*C20 | FC/PC60C | 42.0 | 3.86 | 3.19 | 28.4 | 2.60 | 3.20 | 8.70 |
| | P(C,V)9*C16 | FC/PC60C | 42.0 | 3.84 | 3.20 | 28.6 | 2.60 | 3.22 | 8.65 |
| | P(C,V)9*C20 | FC/PC60C | 42.0 | 3.84 | 3.20 | 28.4 | 2.60 | 3.20 | 8.65 |
| | P(C,V)9*D20 | FC/MC/PC60D | 42.0 | 3.82 | 3.22 | 28.6 | 2.60 | 3.22 | 8.65 |
| | PV8*C20 | HC60 | 42.0 | 3.86 | 3.19 | 28.4 | 2.60 | 3.20 | 8.70 |
| | P(C,V)9*C20 | HC60 | 42.0 | 3.84 | 3.20 | 28.6 | 2.60 | 3.22 | 8.65 |
| | P(C,V)9*D20 | HC60 | 42.0 | 3.82 | 3.22 | 28.6 | 2.60 | 3.22 | 8.65 |
| | PV8*C16 | HD60 | 42.0 | 3.84 | 3.20 | 28.4 | 2.60 | 3.20 | 8.65 |
| | PV8*C20 | HD60 | 42.0 | 3.86 | 3.19 | 28.4 | 2.60 | 3.20 | 8.70 |
| | P(C,V)9*C16 | HD60 | 42.0 | 3.84 | 3.20 | 28.6 | 2.60 | 3.22 | 8.65 |
| | P(C,V)9*C20 | HD60 | 42.0 | 3.84 | 3.20 | 28.4 | 2.60 | 3.20 | 8.65 |
| P(C,V)9*D20 | HD60 | 42.0 | 3.82 | 3.22 | 28.6 | 2.60 | 3.22 | 8.65 | |
| YMB04811 | PV8*C16 | FC/PC60C | 48.0 | 3.78 | 3.72 | 33.0 | 2.60 | 3.72 | 8.60 |
| | PV8*C20 | FC/PC60C | 48.0 | 3.80 | 3.70 | 33.2 | 2.64 | 3.68 | 8.65 |
| | P(C,V)9*C16 | FC/PC60C | 48.0 | 3.76 | 3.74 | 33.4 | 2.60 | 3.76 | 8.60 |
| | P(C,V)9*C20 | FC/PC60C | 48.0 | 3.78 | 3.72 | 33.2 | 2.60 | 3.74 | 8.60 |
| | P(C,V)9*D20 | FC/MC/PC60D | 48.0 | 3.80 | 3.70 | 33.2 | 2.64 | 3.68 | 8.65 |
| | PV8*C20 | HC60 | 48.0 | 3.80 | 3.70 | 33.2 | 2.64 | 3.68 | 8.65 |
| | P(C,V)9*C20 | HC60 | 48.0 | 3.78 | 3.72 | 33.2 | 2.60 | 3.74 | 8.60 |
| | P(C,V)9*D20 | HC60 | 48.0 | 3.80 | 3.70 | 33.2 | 2.64 | 3.68 | 8.65 |
| | PV8*C16 | HD60 | 48.0 | 3.78 | 3.72 | 33.0 | 2.60 | 3.72 | 8.60 |
| | PV8*C20 | HD60 | 48.0 | 3.80 | 3.70 | 33.2 | 2.64 | 3.68 | 8.65 |
| | P(C,V)9*C16 | HD60 | 48.0 | 3.76 | 3.74 | 33.4 | 2.60 | 3.76 | 8.60 |
| | P(C,V)9*C20 | HD60 | 48.0 | 3.78 | 3.72 | 33.2 | 2.60 | 3.74 | 8.60 |
| P(C,V)9*D20 | HD60 | 48.0 | 3.80 | 3.70 | 33.2 | 2.64 | 3.68 | 8.65 | |
| YMB06011 | PV8*C20 | FC/PC60C | 58.0 | 3.62 | 4.69 | 39.5 | 2.42 | 4.78 | 8.10 |
| | P(C,V)9*C20 | FC/PC60C | 58.0 | 3.60 | 4.72 | 39.0 | 2.40 | 4.76 | 8.10 |
| | P(C,V)9*D20 | FC/MC/PC60D | 58.0 | 3.64 | 4.67 | 39.0 | 2.42 | 4.72 | 8.15 |
| | PV8*C20 | MC61D | 58.0 | 3.62 | 4.69 | 39.5 | 2.42 | 4.78 | 8.10 |
| | P(C,V)9*C20 | MC61D | 58.0 | 3.60 | 4.72 | 39.0 | 2.40 | 4.76 | 8.10 |
| | P(C,V)9*D20 | MC61D | 58.0 | 3.64 | 4.67 | 39.0 | 2.42 | 4.72 | 8.15 |
| | PV8*C20 | HC60 | 58.0 | 3.62 | 4.69 | 39.5 | 2.42 | 4.78 | 8.10 |
| | P(C,V)9*D20 | HC60 | 58.0 | 3.64 | 4.67 | 39.0 | 2.42 | 4.72 | 8.15 |
| | PV8*C20 | HD60 | 58.0 | 3.62 | 4.69 | 39.5 | 2.42 | 4.78 | 8.10 |
| | P(C,V)9*C20 | HD60 | 58.0 | 3.60 | 4.72 | 39.0 | 2.40 | 4.76 | 8.10 |
| P(C,V)9*D20 | HD60 | 58.0 | 3.64 | 4.67 | 39.0 | 2.42 | 4.72 | 8.15 | |

1 Rated CFM same as for cooling.

2 Heating MBH based on ARI standards of 70° DB entering indoor air, 72% RH outdoor air with 25 feet of interconnecting piping and no supplemental electric heat operation.

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.

ACCESSORIES*

Hard Start Kit - Provides increased starting torque for areas with low voltage.

TXV Kits - 1TVM2* series thermal expansion valves precisely meter refrigerant for optimum performance.

Compressor Discharge Temperature Sensor (2SN02700124) - Adds an additional safety for improved compressor reliability and diagnostics. Compatible only with 13 SEER and higher heat pumps.

Bonnet Sensor (373-09243-000) - The bonnet sensor is used to sense plenum temperature, and is optional with a gas or oil back-up heat source. Compatible only with 13 SEER and higher heat pumps.

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

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

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

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

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

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

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

SOUND POWER RATINGS*

| UNIT MODEL | (dBA) | |
|------------|---------|---------|
| | Cooling | Heating |
| 018 | 69 | 71 |
| 024 | 71 | 73 |
| 030 | 72 | 74 |
| 036 | 72 | 72 |
| 042 | 72 | 74 |
| 048 | 73 | 74 |
| 060 | 73 | 74 |

* Rated in accordance with ARI 270-95 Standards.

COLOR GRILLES

| CHOICE OF SEVERAL COLOR COIL GRILLES TO COMPLIMENT ANY HOME. | | |
|--|-------------------|----------|
| Color Grill | Color Description | |
| 1CP0126 | Terra Cotta | 018, 024 |
| 1CP0130 | | 030, 036 |
| 1CP0136 | | 042 |
| 1CP1136 | | 048, 060 |
| 1CP0226 | Jet Black | 018, 024 |
| 1CP0230 | | 030, 036 |
| 1CP0236 | | 042 |
| 1CP1236 | | 048, 060 |
| 1CP0326 | Stone | 018, 024 |
| 1CP0330 | | 030, 036 |
| 1CP0336 | | 042 |
| 1CP1336 | | 048, 060 |
| 1CP0426 | Bermuda | 018, 024 |
| 1CP0430 | | 030, 036 |
| 1CP0436 | | 042 |
| 1CP1436 | | 048, 060 |
| 1CP0526 | Gunmetal | 018, 024 |
| 1CP0530 | | 030, 036 |
| 1CP0536 | | 042 |
| 1CP1536 | | 048, 060 |
| 1CP0626 | Chocolate | 018, 024 |
| 1CP0630 | | 030, 036 |
| 1CP0636 | | 042 |
| 1CP1636 | | 048, 060 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | |
|---|------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OUTDOOR UNIT MODEL NO. | | YMB01811 | | | | | | | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC18 | | | | | | | | | | | | | | |
| CONDENSER ENTERING AIR TEMPERATURE | ID CFM | 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. | 16.1 | 17.1 | 17.1 | 19.0 | 21.4 | 17.8 | 18.3 | 18.1 | 20.0 | 22.1 | 19.5 | 19.4 | 19.1 | 21.1 | 22.8 |
| | S.C. | 15.4 | 13.8 | 11.7 | 11.6 | 9.5 | 17.0 | 16.3 | 13.6 | 13.3 | 10.5 | 18.6 | 18.8 | 15.6 | 15.1 | 11.5 |
| | K.W. | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 75 | T.C. | 15.3 | 16.4 | 16.4 | 18.2 | 20.5 | 17.0 | 17.4 | 17.3 | 19.1 | 21.2 | 18.6 | 18.5 | 18.2 | 20.1 | 21.9 |
| | S.C. | 14.8 | 13.3 | 11.3 | 11.3 | 9.2 | 16.4 | 15.6 | 13.1 | 13.0 | 10.2 | 17.9 | 18.0 | 15.0 | 14.7 | 11.2 |
| | K.W. | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 |
| 85 | T.C. | 14.5 | 15.7 | 15.7 | 17.5 | 19.6 | 16.1 | 16.6 | 16.5 | 18.3 | 20.4 | 17.8 | 17.5 | 17.3 | 19.1 | 21.1 |
| | S.C. | 14.2 | 12.9 | 10.9 | 11.0 | 8.9 | 15.8 | 15.0 | 12.7 | 12.7 | 9.9 | 17.3 | 17.2 | 14.4 | 14.4 | 10.9 |
| | K.W. | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.1 | 1.2 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 95 | T.C. | 13.6 | 14.9 | 15.0 | 16.8 | 18.7 | 15.3 | 15.8 | 15.7 | 17.4 | 19.5 | 17.0 | 16.6 | 16.4 | 18.0 | 20.3 |
| | S.C. | 13.7 | 12.4 | 10.5 | 10.6 | 8.5 | 15.1 | 14.4 | 12.2 | 12.4 | 9.6 | 16.6 | 16.4 | 13.8 | 14.1 | 10.7 |
| | K.W. | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 105 | T.C. | 13.0 | 14.2 | 14.2 | 15.9 | 17.8 | 14.6 | 15.0 | 14.9 | 16.5 | 18.5 | 16.1 | 15.8 | 15.5 | 17.1 | 19.1 |
| | S.C. | 13.0 | 11.9 | 10.1 | 10.3 | 8.2 | 14.4 | 13.9 | 11.7 | 11.9 | 9.3 | 15.8 | 15.9 | 13.4 | 13.6 | 10.3 |
| | K.W. | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.5 |
| 115 | T.C. | 12.4 | 13.4 | 13.4 | 15.1 | 16.9 | 13.8 | 14.2 | 14.1 | 15.6 | 17.5 | 15.2 | 15.0 | 14.7 | 16.2 | 18.0 |
| | S.C. | 12.4 | 11.5 | 9.7 | 9.9 | 7.9 | 13.7 | 13.4 | 11.3 | 11.5 | 8.9 | 15.1 | 15.4 | 13.0 | 13.2 | 9.9 |
| | K.W. | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 125 | T.C. | 11.8 | 12.7 | 12.7 | 14.3 | 16.0 | 13.1 | 13.4 | 13.3 | 14.8 | 16.5 | 14.3 | 14.2 | 13.9 | 15.3 | 16.9 |
| | S.C. | 11.7 | 11.0 | 9.3 | 9.5 | 7.6 | 13.0 | 12.9 | 10.9 | 11.1 | 8.6 | 14.3 | 14.9 | 12.6 | 12.7 | 9.6 |
| | K.W. | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

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

| Air Handler | Coil | T.C. | S.C. | KW |
|--------------------|-------------|-------------|-------------|-----------|
| MA08B | FC/MC18B | 1.00 | 1.00 | 1.00 |
| MV12B | FC/MC18B | 1.01 | 0.99 | 0.96 |
| AV24 | – | 1.01 | 0.99 | 0.96 |
| F*FP024 | – | 1.00 | 1.00 | 1.00 |
| AHP18 | – | 1.01 | 1.05 | 1.00 |
| – | HC18 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|-------------------------------|-------------|-------------|-------------|-----------|
| PV8*A12 | FC/MC/PC18A | 1.02 | 1.01 | 0.96 |
| PV9*A12 | FC/MC/PC18A | 1.02 | 1.01 | 0.96 |
| P(C,V)9*B12 | FC/MC/PC18B | 1.02 | 1.01 | 0.96 |
| PV8*A12 | HC18 | 1.02 | 1.01 | 0.96 |
| PV9*A12 | HC18 | 1.02 | 1.01 | 0.96 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | |
|---|------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OUTDOOR UNIT MODEL NO. | | YMB02411 | | | | | | | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC24 | | | | | | | | | | | | | | |
| CONDENSER ENTERING AIR TEMPERATURE | ID CFM | 600 | | | | | 800 | | | | | 1000 | | | | |
| | ID DB (°F) | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 |
| | ID WB (°F) | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 |
| 65 | T.C. | 15.4 | 18.9 | 19.1 | 20.9 | 23.6 | 16.7 | 20.1 | 20.0 | 22.2 | 24.9 | 18.1 | 21.2 | 20.9 | 23.5 | 26.2 |
| | S.C. | 15.4 | 15.8 | 13.3 | 13.3 | 10.8 | 16.8 | 18.4 | 15.3 | 15.6 | 12.3 | 18.1 | 21.0 | 17.2 | 17.9 | 13.8 |
| | K.W. | 1.5 | 1.6 | 1.5 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 75 | T.C. | 18.3 | 20.8 | 20.9 | 23.4 | 26.4 | 19.9 | 22.0 | 22.1 | 24.5 | 27.7 | 21.4 | 23.3 | 23.3 | 25.6 | 29.0 |
| | S.C. | 18.3 | 17.1 | 14.6 | 14.7 | 12.0 | 19.8 | 19.8 | 16.8 | 16.9 | 13.6 | 21.4 | 22.4 | 19.1 | 19.1 | 15.1 |
| | K.W. | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 85 | T.C. | 16.9 | 19.8 | 20.0 | 22.1 | 25.0 | 18.3 | 21.0 | 21.1 | 23.3 | 26.3 | 19.7 | 22.2 | 22.1 | 24.5 | 27.6 |
| | S.C. | 16.8 | 16.5 | 13.9 | 14.0 | 11.4 | 18.3 | 19.1 | 16.1 | 16.2 | 12.9 | 19.8 | 21.7 | 18.2 | 18.5 | 14.4 |
| | K.W. | 1.4 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 95 | T.C. | 16.7 | 18.9 | 19.1 | 21.1 | 23.8 | 18.1 | 20.0 | 20.0 | 22.2 | 24.9 | 19.5 | 21.1 | 20.9 | 23.2 | 26.1 |
| | S.C. | 16.7 | 16.0 | 13.5 | 13.6 | 11.0 | 18.1 | 18.4 | 15.6 | 15.7 | 12.4 | 19.5 | 20.7 | 17.6 | 17.8 | 13.9 |
| | K.W. | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 |
| 105 | T.C. | 16.5 | 18.0 | 18.1 | 20.1 | 22.5 | 17.9 | 19.0 | 19.0 | 21.0 | 23.6 | 19.3 | 20.0 | 19.8 | 21.9 | 24.6 |
| | S.C. | 16.5 | 15.5 | 13.1 | 13.1 | 10.5 | 17.9 | 17.6 | 15.1 | 15.2 | 11.9 | 19.2 | 19.7 | 17.0 | 17.2 | 13.3 |
| | K.W. | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 115 | T.C. | 16.4 | 17.1 | 17.2 | 19.1 | 21.3 | 17.7 | 18.0 | 17.9 | 19.9 | 22.3 | 19.0 | 18.9 | 18.6 | 20.6 | 23.2 |
| | S.C. | 16.4 | 15.0 | 12.7 | 12.7 | 10.1 | 17.7 | 16.9 | 14.6 | 14.6 | 11.5 | 18.9 | 18.8 | 16.4 | 16.6 | 12.8 |
| | K.W. | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 | 2.2 | 2.3 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 125 | T.C. | 16.2 | 16.2 | 16.3 | 18.2 | 20.1 | 17.5 | 17.0 | 16.9 | 18.7 | 20.9 | 18.8 | 17.8 | 17.5 | 19.3 | 21.8 |
| | S.C. | 16.2 | 14.6 | 12.4 | 12.2 | 9.7 | 17.5 | 16.2 | 14.1 | 14.1 | 11.0 | 18.7 | 17.9 | 15.8 | 16.0 | 12.3 |
| | K.W. | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

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

| Air Handler | Coil | T.C. | S.C. | KW |
|-------------|---------------|------|------|------|
| MA08B | FC/MC24B | 1.00 | 1.00 | 1.00 |
| MA08B | FC/MC30B | 1.00 | 1.00 | 1.00 |
| MV12B | FC/MC24B | 1.02 | 1.00 | 0.96 |
| MV12B | FC/MC30B | 1.02 | 1.00 | 0.96 |
| AV24 | – | 1.02 | 1.00 | 0.96 |
| AHP24 | – | 1.00 | 1.01 | 1.00 |
| – | FC/MC/PC/UC30 | 1.00 | 1.00 | 1.00 |
| – | HC30 | 1.01 | 1.01 | 1.00 |
| – | HD24 | 1.02 | 1.02 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| PV8*A12 | FC/MC/PC24A | 1.01 | 1.01 | 0.96 |
| PV9*A12 | FC/MC/PC24A | 1.01 | 1.01 | 0.96 |
| P(C,V)9*B12 | FC/MC/PC24B | 1.01 | 1.01 | 0.96 |
| PV8*A12 | FC/MC/PC30A | 1.01 | 1.01 | 0.96 |
| PV9*A12 | FC/MC/PC30A | 1.01 | 1.01 | 0.96 |
| P(C,V)9*B12 | FC/MC/PC30B | 1.01 | 1.01 | 0.96 |
| PV8*A12 | HC30 | 1.03 | 1.02 | 0.96 |
| PV9*A12 | HC30 | 1.03 | 1.02 | 0.96 |
| PV8*A12 | HD24 | 1.03 | 1.04 | 0.96 |
| PV9*A12 | HD24 | 1.03 | 1.04 | 0.96 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | |
|---|------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OUTDOOR UNIT MODEL NO. | | YMB03011 | | | | | | | | | | | | | | |
| INDOOR COIL MODEL NO. | | AHP30 | | | | | | | | | | | | | | |
| CONDENSER ENTERING AIR TEMPERATURE | ID CFM | 800 | | | | | 1000 | | | | | 1200 | | | | |
| | ID DB (°F) | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 |
| | ID WB (°F) | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 |
| 65 | T.C. | 26.3 | 28.5 | 28.4 | 31.2 | 34.1 | 28.3 | 29.2 | 29.4 | 32.2 | 35.2 | 30.3 | 29.9 | 30.4 | 33.1 | 36.3 |
| | S.C. | 25.8 | 23.4 | 19.9 | 19.6 | 15.5 | 27.8 | 26.4 | 22.0 | 21.7 | 16.6 | 29.8 | 29.5 | 24.1 | 23.8 | 17.7 |
| | K.W. | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 |
| 75 | T.C. | 25.7 | 27.4 | 27.5 | 30.1 | 33.0 | 27.4 | 28.2 | 28.4 | 31.0 | 33.9 | 29.2 | 29.1 | 29.3 | 31.9 | 34.8 |
| | S.C. | 25.1 | 23.0 | 19.5 | 19.2 | 15.1 | 26.9 | 25.8 | 21.6 | 21.3 | 16.5 | 28.7 | 28.6 | 23.7 | 23.3 | 17.8 |
| | K.W. | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 |
| 85 | T.C. | 25.0 | 26.4 | 26.5 | 29.1 | 31.8 | 26.6 | 27.3 | 27.4 | 29.9 | 32.6 | 28.1 | 28.2 | 28.3 | 30.7 | 33.4 |
| | S.C. | 24.5 | 22.6 | 19.1 | 18.8 | 14.7 | 26.1 | 25.2 | 21.2 | 20.8 | 16.3 | 27.7 | 27.8 | 23.3 | 22.8 | 17.9 |
| | K.W. | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 1.9 | 1.9 | 1.9 | 2.0 | 2.0 |
| 95 | T.C. | 24.3 | 25.3 | 25.6 | 28.0 | 30.7 | 25.7 | 26.3 | 26.4 | 28.8 | 31.3 | 27.0 | 27.3 | 27.2 | 29.5 | 31.9 |
| | S.C. | 23.8 | 22.2 | 18.7 | 18.4 | 14.3 | 25.2 | 24.6 | 20.8 | 20.4 | 16.1 | 26.6 | 27.0 | 22.9 | 22.4 | 18.0 |
| | K.W. | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.1 | 2.2 | 2.1 | 2.2 | 2.2 |
| 105 | T.C. | 22.9 | 24.0 | 24.3 | 26.7 | 29.3 | 24.1 | 25.1 | 25.0 | 27.3 | 29.9 | 25.4 | 26.2 | 25.8 | 28.0 | 30.4 |
| | S.C. | 22.5 | 21.7 | 18.2 | 17.9 | 13.8 | 23.7 | 23.7 | 20.3 | 19.9 | 15.5 | 25.0 | 25.8 | 22.4 | 21.8 | 17.1 |
| | K.W. | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.5 |
| 115 | T.C. | 21.6 | 22.7 | 22.9 | 25.3 | 27.9 | 22.7 | 23.9 | 23.7 | 25.9 | 28.5 | 23.8 | 25.0 | 24.4 | 26.5 | 29.0 |
| | S.C. | 21.2 | 21.2 | 17.8 | 17.4 | 13.4 | 22.3 | 22.9 | 19.9 | 19.3 | 14.8 | 23.5 | 24.6 | 22.0 | 21.2 | 16.2 |
| | K.W. | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 125 | T.C. | 20.2 | 21.5 | 21.6 | 24.0 | 26.6 | 21.2 | 22.6 | 22.3 | 24.5 | 27.1 | 22.1 | 23.8 | 23.1 | 25.1 | 27.6 |
| | S.C. | 19.9 | 20.6 | 17.3 | 16.9 | 13.0 | 20.9 | 22.1 | 19.4 | 18.8 | 14.1 | 22.0 | 23.5 | 21.5 | 20.7 | 15.3 |
| | K.W. | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

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

| Air Handler | Coil | T.C. | S.C. | KW |
|--------------------|-------------|-------------|-------------|-----------|
| MA12B | FC/MC35B | 0.99 | 1.00 | 1.00 |
| MA12B | FC/MC42B | 0.99 | 1.00 | 1.00 |
| MV12B | FC/MC35B | 1.01 | 0.99 | 0.96 |
| MV12B | FC/MC42B | 1.01 | 0.99 | 0.96 |
| AV36 | — | 1.01 | 0.99 | 0.96 |
| F*FP040 | — | 0.99 | 1.00 | 1.00 |
| — | FC/MC/PC35 | 0.99 | 1.00 | 1.00 |
| — | HC36 | 1.00 | 1.00 | 1.00 |
| — | HD36 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|-------------------------------|-------------|-------------|-------------|-----------|
| PV8*B16 | FC/MC/PC35B | 1.01 | 1.00 | 0.96 |
| P(C,V)9*B12 | FC/MC/PC35B | 1.01 | 1.00 | 0.96 |
| PV8*B16 | HC36 | 1.01 | 1.00 | 0.96 |
| P(C,V)9*B12 | HC36 | 1.01 | 1.00 | 0.96 |
| PV8*A12 | HD36 | 1.01 | 1.00 | 0.96 |
| PV8*B16 | HD36 | 1.01 | 1.00 | 0.96 |
| PV8*C16 | HD36 | 1.02 | 1.00 | 0.96 |
| PV8*C20 | HD36 | 1.02 | 1.01 | 0.96 |
| PV9*A12 | HD36 | 1.01 | 1.00 | 1.00 |
| P(C,V)9*B12 | HD36 | 1.01 | 1.00 | 0.96 |
| P(C,V)9*C16 | HD36 | 1.01 | 1.00 | 0.96 |
| P(C,V)9*C20 | HD36 | 1.01 | 1.00 | 0.96 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | |
|---|------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OUTDOOR UNIT MODEL NO. | | YMB03611 | | | | | | | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC/UC48 | | | | | | | | | | | | | | |
| CONDENSER ENTERING AIR TEMPERATURE | ID CFM | 1000 | | | | | 1200 | | | | | 1400 | | | | |
| | ID DB (°F) | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 |
| | ID WB (°F) | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 |
| 65 | T.C. | 33.3 | 36.9 | 35.5 | 35.8 | 39.2 | 35.5 | 37.4 | 37.8 | 34.5 | 40.7 | 37.6 | 37.9 | 40.1 | 33.2 | 42.3 |
| | S.C. | 32.7 | 33.6 | 25.5 | 22.7 | 18.5 | 34.9 | 34.7 | 29.6 | 20.8 | 20.1 | 37.0 | 35.7 | 33.8 | 19.0 | 21.8 |
| | K.W. | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 75 | T.C. | 32.5 | 35.5 | 33.9 | 34.2 | 37.7 | 34.4 | 36.1 | 35.0 | 33.8 | 39.2 | 36.4 | 36.6 | 36.1 | 33.3 | 40.6 |
| | S.C. | 31.9 | 32.9 | 24.9 | 22.1 | 17.8 | 33.9 | 34.0 | 27.2 | 21.6 | 19.5 | 35.9 | 35.0 | 29.4 | 21.1 | 21.1 |
| | K.W. | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 |
| 85 | T.C. | 31.6 | 34.2 | 32.3 | 32.7 | 36.3 | 33.4 | 34.8 | 32.1 | 33.0 | 37.6 | 35.2 | 35.4 | 32.0 | 33.3 | 38.8 |
| | S.C. | 31.1 | 32.2 | 24.4 | 21.4 | 17.1 | 33.0 | 33.3 | 24.7 | 22.4 | 18.8 | 34.8 | 34.4 | 25.0 | 23.3 | 20.5 |
| | K.W. | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 95 | T.C. | 30.8 | 32.8 | 30.7 | 31.2 | 34.9 | 32.4 | 33.4 | 29.3 | 32.3 | 36.0 | 34.0 | 34.1 | 27.9 | 33.3 | 37.1 |
| | S.C. | 30.3 | 31.5 | 23.9 | 20.8 | 16.3 | 32.0 | 32.6 | 22.2 | 23.1 | 18.1 | 33.7 | 33.7 | 20.6 | 25.5 | 19.8 |
| | K.W. | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.6 |
| 105 | T.C. | 29.2 | 31.4 | 29.4 | 30.2 | 33.4 | 30.9 | 32.0 | 28.8 | 30.6 | 34.4 | 32.6 | 32.6 | 28.2 | 31.0 | 35.3 |
| | S.C. | 28.8 | 30.4 | 23.2 | 21.8 | 16.2 | 30.6 | 31.4 | 22.9 | 22.5 | 17.7 | 32.3 | 32.4 | 22.6 | 23.3 | 19.2 |
| | K.W. | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 115 | T.C. | 27.8 | 30.0 | 28.3 | 29.1 | 31.9 | 29.5 | 30.6 | 28.4 | 29.0 | 32.8 | 31.2 | 31.2 | 28.6 | 28.8 | 33.6 |
| | S.C. | 27.4 | 29.4 | 22.6 | 22.8 | 16.1 | 29.1 | 30.3 | 23.6 | 21.9 | 17.3 | 30.9 | 31.2 | 24.6 | 21.1 | 18.6 |
| | K.W. | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 125 | T.C. | 26.3 | 28.7 | 27.1 | 28.1 | 30.4 | 28.1 | 29.3 | 28.0 | 27.4 | 31.2 | 29.9 | 29.9 | 28.9 | 26.6 | 31.9 |
| | S.C. | 25.9 | 28.4 | 22.0 | 23.8 | 15.9 | 27.7 | 29.2 | 24.3 | 21.4 | 17.0 | 29.6 | 30.0 | 26.5 | 19.0 | 18.1 |
| | K.W. | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 |

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections

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

| Air Handler | Coil | T.C. | S.C. | KW |
|-------------|---------------|------|------|------|
| MA12B | FC/MC42B | 0.98 | 0.98 | 1.00 |
| MA14D | FC/MC48D | 1.00 | 1.00 | 1.00 |
| MV16C | FC/MC48C | 1.02 | 0.99 | 0.96 |
| MV20D | FC/MC48D | 1.02 | 0.99 | 0.96 |
| AV36 | - | 1.02 | 0.99 | 0.96 |
| AHP42 | - | 1.00 | 1.00 | 1.00 |
| - | FC/MC/PC/UC42 | 0.98 | 0.98 | 1.00 |
| - | HC42 | 1.01 | 0.98 | 1.00 |
| - | HD48 | 1.02 | 1.02 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| PV8*B16 | FC/MC/PC42B | 0.99 | 0.98 | 0.96 |
| P(C,V)9*B12 | FC/MC/PC42B | 0.99 | 0.98 | 1.00 |
| PV8*C16 | FC/MC/PC42C | 0.99 | 0.98 | 1.00 |
| PV8*C20 | FC/MC/PC42C | 0.99 | 0.98 | 0.96 |
| P(C,V)9*C16 | FC/MC/PC42C | 0.99 | 0.98 | 1.00 |
| P(C,V)9*C20 | FC/MC/PC42C | 0.99 | 0.98 | 0.96 |
| PV8*C16 | FC/MC/PC48C | 1.02 | 1.01 | 0.96 |
| PV8*C20 | FC/MC/PC48C | 1.02 | 1.01 | 0.96 |
| P(C,V)9*C16 | FC/MC/PC48C | 1.02 | 1.01 | 0.96 |
| P(C,V)9*C20 | FC/MC/PC48C | 1.02 | 1.01 | 0.96 |
| P(C,V)9*D20 | FC/MC/PC48D | 1.02 | 1.01 | 0.96 |
| PV8*C16 | HC42 | 1.02 | 1.02 | 0.96 |
| PV8*C20 | HC42 | 1.02 | 1.02 | 0.96 |
| P(C,V)9*C16 | HC42 | 1.02 | 1.02 | 0.96 |
| P(C,V)9*C20 | HC42 | 1.02 | 1.02 | 0.96 |
| PV8*C16 | HD48 | 1.02 | 1.02 | 0.96 |
| PV8*C20 | HD48 | 1.02 | 1.02 | 0.96 |
| P(C,V)9*C16 | HD48 | 1.02 | 1.02 | 0.96 |
| P(C,V)9*C20 | HD48 | 1.02 | 1.02 | 0.96 |
| P(C,V)9*D20 | HD48 | 1.02 | 1.01 | 0.96 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | |
|---|------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OUTDOOR UNIT MODEL NO. | | YMB04211 | | | | | | | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC60 | | | | | | | | | | | | | | |
| CONDENSER ENTERING AIR TEMPERATURE | ID CFM | 1200 | | | | | 1400 | | | | | 1600 | | | | |
| | ID DB (°F) | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 |
| | ID WB (°F) | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 |
| 65 | T.C. | 40.3 | 43.7 | 41.4 | 45.8 | 47.2 | 43.9 | 45.1 | 42.2 | 46.7 | 48.5 | 47.6 | 46.6 | 43.0 | 47.6 | 49.7 |
| | S.C. | 38.3 | 37.1 | 30.3 | 30.7 | 23.8 | 40.3 | 39.6 | 32.8 | 32.9 | 26.2 | 42.3 | 42.1 | 35.2 | 35.0 | 28.7 |
| | K.W. | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 75 | T.C. | 38.5 | 42.1 | 40.2 | 44.2 | 45.5 | 42.0 | 43.6 | 41.0 | 45.0 | 46.3 | 45.4 | 45.1 | 41.8 | 45.9 | 47.1 |
| | S.C. | 37.2 | 36.3 | 29.8 | 30.0 | 23.0 | 39.1 | 38.7 | 32.2 | 32.3 | 25.1 | 41.0 | 41.0 | 34.6 | 34.5 | 27.1 |
| | K.W. | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 85 | T.C. | 36.8 | 40.6 | 38.9 | 42.6 | 43.7 | 40.0 | 42.1 | 39.7 | 43.4 | 44.2 | 43.3 | 43.5 | 40.5 | 44.1 | 44.6 |
| | S.C. | 36.1 | 35.6 | 29.3 | 29.4 | 22.2 | 37.9 | 37.7 | 31.7 | 31.6 | 23.9 | 39.7 | 39.9 | 34.0 | 33.9 | 25.5 |
| | K.W. | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| 95 | T.C. | 35.1 | 39.0 | 37.6 | 41.1 | 42.0 | 38.1 | 40.5 | 38.5 | 41.7 | 42.0 | 41.1 | 42.0 | 39.3 | 42.3 | 42.1 |
| | S.C. | 35.0 | 34.8 | 28.8 | 28.7 | 21.5 | 36.7 | 36.8 | 31.1 | 31.0 | 22.7 | 38.4 | 38.8 | 33.3 | 33.4 | 23.9 |
| | K.W. | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.3 |
| 105 | T.C. | 34.4 | 37.3 | 35.7 | 38.8 | 39.6 | 37.0 | 38.8 | 36.5 | 39.4 | 39.5 | 39.7 | 40.3 | 37.3 | 40.1 | 39.5 |
| | S.C. | 33.6 | 33.4 | 28.0 | 27.8 | 20.7 | 35.1 | 35.2 | 30.2 | 30.1 | 21.8 | 36.6 | 37.0 | 32.4 | 32.5 | 23.0 |
| | K.W. | 3.7 | 3.7 | 3.6 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 |
| 115 | T.C. | 33.7 | 35.6 | 33.8 | 36.6 | 37.2 | 36.0 | 37.2 | 34.6 | 37.2 | 37.2 | 38.3 | 38.7 | 35.4 | 37.9 | 37.1 |
| | S.C. | 32.2 | 32.1 | 27.2 | 26.9 | 20.0 | 33.6 | 33.7 | 29.3 | 29.3 | 21.0 | 34.9 | 35.2 | 31.5 | 31.6 | 22.1 |
| | K.W. | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 125 | T.C. | 33.0 | 33.9 | 31.9 | 34.4 | 34.9 | 35.0 | 35.5 | 32.7 | 35.1 | 34.8 | 36.9 | 37.1 | 33.4 | 35.7 | 34.6 |
| | S.C. | 30.8 | 30.8 | 26.4 | 26.1 | 19.2 | 32.0 | 32.2 | 28.5 | 28.4 | 20.2 | 33.2 | 33.5 | 30.6 | 30.8 | 21.2 |
| | K.W. | 4.6 | 4.6 | 4.5 | 4.5 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 | 4.6 |

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

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

| Air Handler | Coil | T.C. | S.C. | KW |
|-------------|----------|------|------|------|
| MA14D | FC/MC60D | 1.00 | 1.00 | 1.00 |
| MA16C | FC60C | 1.00 | 1.00 | 1.00 |
| MV20D | FC/MC60D | 1.01 | 0.98 | 0.96 |
| MV16C | FC60C | 0.99 | 0.96 | 1.00 |
| AV/SV48 | — | 1.01 | 0.98 | 0.96 |
| AV/SV60 | — | 1.01 | 0.98 | 0.96 |
| F*FV060 | — | 1.01 | 0.98 | 0.96 |
| AHP/SHP48 | — | 1.00 | 1.00 | 1.00 |
| AHP/SHP60 | — | 1.01 | 1.00 | 0.96 |
| F*FP045 | — | 1.00 | 1.00 | 1.00 |
| — | HC60 | 1.00 | 1.00 | 1.00 |
| — | HD60 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| P(C,V)9*D20 | FC/MC/PC60D | 1.00 | 1.00 | 1.00 |
| PV8*C16 | FC/PC60C | 1.00 | 1.00 | 1.00 |
| PV8*C20 | FC/PC60C | 1.01 | 1.00 | 1.00 |
| P(C,V)9*C16 | FC/PC60C | 1.00 | 1.00 | 1.00 |
| P(C,V)9*C20 | FC/PC60C | 1.00 | 1.00 | 1.00 |
| PV8*C20 | HC60 | 1.01 | 1.00 | 1.00 |
| P(C,V)9*C20 | HC60 | 1.00 | 1.00 | 1.00 |
| P(C,V)9*D20 | HC60 | 1.00 | 1.00 | 1.00 |
| PV8*C16 | HD60 | 1.01 | 1.00 | 1.00 |
| PV8*C20 | HD60 | 1.01 | 1.00 | 1.00 |
| P(C,V)9*C16 | HD60 | 1.01 | 1.00 | 1.00 |
| P(C,V)9*C20 | HD60 | 1.01 | 1.00 | 1.00 |
| P(C,V)9*D20 | HD60 | 1.00 | 1.00 | 1.00 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | |
|---|------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OUTDOOR UNIT MODEL NO. | | YMB04811 | | | | | | | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC60 | | | | | | | | | | | | | | |
| CONDENSER ENTERING AIR TEMPERATURE | ID CFM | 1400 | | | | | 1600 | | | | | 1800 | | | | |
| | ID DB (°F) | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 |
| | ID WB (°F) | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 |
| 65 | T.C. | 43.6 | 47.2 | 46.7 | 50.8 | 55.5 | 46.0 | 48.7 | 47.3 | 51.8 | 55.7 | 48.3 | 50.3 | 47.9 | 52.8 | 55.9 |
| | S.C. | 43.2 | 41.1 | 32.8 | 33.4 | 26.3 | 44.9 | 43.8 | 35.5 | 35.5 | 27.2 | 46.6 | 46.5 | 38.2 | 37.7 | 28.2 |
| | K.W. | 2.4 | 2.4 | 2.4 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.5 | 2.5 |
| 75 | T.C. | 42.1 | 45.4 | 44.4 | 48.8 | 52.7 | 44.3 | 46.8 | 45.1 | 49.7 | 53.1 | 46.5 | 48.2 | 45.8 | 50.7 | 53.5 |
| | S.C. | 41.6 | 40.0 | 32.4 | 32.6 | 25.2 | 43.3 | 42.5 | 34.7 | 34.7 | 26.2 | 44.9 | 44.9 | 37.1 | 36.8 | 27.2 |
| | K.W. | 2.8 | 2.8 | 2.8 | 2.8 | 2.9 | 2.8 | 2.8 | 2.8 | 2.8 | 2.9 | 2.8 | 2.8 | 2.8 | 2.8 | 2.9 |
| 85 | T.C. | 40.5 | 43.7 | 42.1 | 46.8 | 50.0 | 42.6 | 44.9 | 42.9 | 47.7 | 50.5 | 44.8 | 46.1 | 43.8 | 48.5 | 51.1 |
| | S.C. | 40.1 | 39.0 | 31.9 | 31.8 | 24.1 | 41.7 | 41.2 | 34.0 | 33.8 | 25.2 | 43.3 | 43.4 | 36.0 | 35.8 | 26.3 |
| | K.W. | 3.1 | 3.1 | 3.1 | 3.2 | 3.2 | 3.1 | 3.1 | 3.1 | 3.2 | 3.2 | 3.1 | 3.2 | 3.1 | 3.2 | 3.2 |
| 95 | T.C. | 39.0 | 41.9 | 39.9 | 44.8 | 47.2 | 41.0 | 42.9 | 40.8 | 45.6 | 47.9 | 43.0 | 44.0 | 41.7 | 46.4 | 48.6 |
| | S.C. | 38.5 | 38.0 | 31.5 | 31.0 | 23.0 | 40.0 | 39.9 | 33.2 | 32.9 | 24.2 | 41.6 | 41.8 | 34.9 | 34.9 | 25.3 |
| | K.W. | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 |
| 105 | T.C. | 37.2 | 39.5 | 37.7 | 42.4 | 44.4 | 39.4 | 40.5 | 38.5 | 43.1 | 45.1 | 41.6 | 41.5 | 39.4 | 43.8 | 45.7 |
| | S.C. | 36.5 | 36.2 | 30.5 | 30.0 | 22.0 | 38.1 | 37.9 | 32.2 | 31.9 | 23.1 | 39.6 | 39.5 | 33.8 | 33.9 | 24.1 |
| | K.W. | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 |
| 115 | T.C. | 35.5 | 37.3 | 35.6 | 40.1 | 41.8 | 37.9 | 38.1 | 36.4 | 40.7 | 42.3 | 40.2 | 39.0 | 37.1 | 41.4 | 42.8 |
| | S.C. | 34.6 | 34.5 | 29.5 | 29.1 | 21.1 | 36.2 | 35.9 | 31.1 | 31.0 | 22.0 | 37.8 | 37.3 | 32.8 | 32.9 | 22.9 |
| | K.W. | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 |
| 125 | T.C. | 33.8 | 35.0 | 33.5 | 37.7 | 39.1 | 36.3 | 35.8 | 34.2 | 38.3 | 39.5 | 38.8 | 36.5 | 34.8 | 38.9 | 39.9 |
| | S.C. | 32.7 | 32.8 | 28.5 | 28.2 | 20.2 | 34.3 | 34.0 | 30.1 | 30.0 | 21.0 | 35.9 | 35.1 | 31.7 | 31.9 | 21.7 |
| | K.W. | 5.0 | 4.9 | 5.0 | 5.0 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.1 |

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

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

| Air Handler | Coil | T.C. | S.C. | KW |
|--------------------|-------------|-------------|-------------|-----------|
| MA20D | FC/MC60D | 1.00 | 1.00 | 1.00 |
| MA16C | FC60C | 1.00 | 1.00 | 1.00 |
| MV20D | FC/MC60D | 1.00 | 0.97 | 1.00 |
| MV16C | FC60C | 0.98 | 0.96 | 1.00 |
| AV/SV48 | — | 1.00 | 0.97 | 1.00 |
| AV/SV60 | — | 1.00 | 0.97 | 1.00 |
| F*FV060 | — | 1.00 | 0.97 | 1.00 |
| AHP/SHP48 | — | 1.00 | 1.02 | 1.00 |
| AHP/SHP60 | — | 1.00 | 1.00 | 1.00 |
| — | HC60 | 1.00 | 1.00 | 1.00 |
| — | HD60 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|-------------------------------|-------------|-------------|-------------|-----------|
| P(C,V)9*D20 | FC/MC/PC60D | 1.00 | 1.00 | 1.00 |
| PV8*C16 | FC/PC60C | 1.00 | 0.97 | 1.00 |
| PV8*C20 | FC/PC60C | 1.00 | 1.00 | 1.00 |
| P(C,V)9*C16 | FC/PC60C | 1.00 | 1.00 | 1.00 |
| P(C,V)9*C20 | FC/PC60C | 1.00 | 1.00 | 1.00 |
| PV8*C20 | HC60 | 1.00 | 1.00 | 1.00 |
| P(C,V)9*C20 | HC60 | 1.00 | 1.00 | 1.00 |
| P(C,V)9*D20 | HC60 | 1.00 | 1.00 | 1.00 |
| PV8*C16 | HD60 | 1.00 | 0.97 | 1.00 |
| PV8*C20 | HD60 | 1.00 | 1.01 | 1.00 |
| P(C,V)9*C16 | HD60 | 1.00 | 1.01 | 1.00 |
| P(C,V)9*C20 | HD60 | 1.00 | 1.01 | 1.00 |
| P(C,V)9*D20 | HD60 | 1.00 | 1.01 | 1.00 |

| COOLING PERFORMANCE DATA | | | | | | | | | | | | | | | | |
|---|------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| OUTDOOR UNIT MODEL NO. | | YMB06011 | | | | | | | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC60 | | | | | | | | | | | | | | |
| CONDENSER ENTERING AIR TEMPERATURE | ID CFM | 1600 | | | | | 1800 | | | | | 2000 | | | | |
| | ID DB (°F) | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 | 80 | 80 | 75 | 80 | 80 |
| | ID WB (°F) | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 | 57 | 62 | 62 | 67 | 72 |
| 65 | T.C. | 54.0 | 55.2 | 55.2 | 60.7 | 64.4 | 56.4 | 57.0 | 56.5 | 62.3 | 65.6 | 58.7 | 58.7 | 57.7 | 63.9 | 66.7 |
| | S.C. | 49.8 | 47.0 | 36.8 | 39.6 | 29.4 | 52.1 | 50.2 | 40.6 | 42.1 | 30.8 | 54.4 | 53.5 | 44.3 | 44.6 | 32.2 |
| | K.W. | 2.9 | 2.9 | 3.0 | 3.0 | 3.1 | 3.0 | 2.9 | 3.0 | 3.0 | 3.1 | 3.0 | 2.9 | 3.0 | 3.0 | 3.1 |
| 75 | T.C. | 52.5 | 53.5 | 52.6 | 58.5 | 61.5 | 54.7 | 55.3 | 53.9 | 60.0 | 62.9 | 57.0 | 57.1 | 55.2 | 61.5 | 64.2 |
| | S.C. | 48.2 | 45.9 | 36.6 | 38.4 | 28.4 | 50.4 | 49.1 | 39.9 | 41.0 | 30.0 | 52.6 | 52.2 | 43.3 | 43.5 | 31.6 |
| | K.W. | 3.3 | 3.4 | 3.4 | 3.4 | 3.5 | 3.4 | 3.4 | 3.4 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.5 | 3.5 |
| 85 | T.C. | 50.9 | 51.8 | 50.1 | 56.2 | 58.7 | 53.0 | 53.7 | 51.4 | 57.6 | 60.2 | 55.2 | 55.5 | 52.7 | 59.1 | 61.7 |
| | S.C. | 46.7 | 44.9 | 36.3 | 37.3 | 27.5 | 48.7 | 47.9 | 39.3 | 39.8 | 29.2 | 50.8 | 50.9 | 42.3 | 42.4 | 31.0 |
| | K.W. | 3.7 | 3.8 | 3.8 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.9 | 4.0 | 3.8 | 3.8 | 3.9 | 3.9 | 4.0 |
| 95 | T.C. | 49.3 | 50.2 | 47.6 | 53.9 | 55.8 | 51.4 | 52.0 | 48.9 | 55.3 | 57.5 | 53.4 | 53.8 | 50.2 | 56.6 | 59.2 |
| | S.C. | 45.1 | 43.9 | 36.0 | 36.1 | 26.6 | 47.1 | 46.8 | 38.7 | 38.7 | 28.5 | 49.0 | 49.6 | 41.3 | 41.2 | 30.4 |
| | K.W. | 4.2 | 4.3 | 4.3 | 4.3 | 4.4 | 4.2 | 4.3 | 4.3 | 4.3 | 4.4 | 4.2 | 4.3 | 4.3 | 4.3 | 4.4 |
| 105 | T.C. | 46.9 | 47.7 | 44.9 | 51.1 | 52.9 | 49.0 | 49.3 | 46.2 | 52.3 | 54.3 | 51.0 | 50.9 | 47.5 | 53.6 | 55.8 |
| | S.C. | 42.8 | 42.0 | 34.8 | 34.7 | 25.5 | 44.7 | 44.5 | 37.3 | 37.2 | 27.3 | 46.6 | 46.9 | 39.8 | 39.8 | 29.2 |
| | K.W. | 4.8 | 4.9 | 4.9 | 4.9 | 5.0 | 4.8 | 4.9 | 4.9 | 4.9 | 5.0 | 4.8 | 4.9 | 4.9 | 5.0 | 5.0 |
| 115 | T.C. | 44.6 | 45.2 | 42.3 | 48.3 | 50.0 | 46.6 | 46.7 | 43.6 | 49.5 | 51.3 | 48.6 | 48.1 | 44.8 | 50.6 | 52.5 |
| | S.C. | 40.7 | 40.2 | 33.5 | 33.3 | 24.5 | 42.4 | 42.2 | 35.9 | 35.8 | 26.2 | 44.2 | 44.2 | 38.3 | 38.3 | 28.0 |
| | K.W. | 5.3 | 5.5 | 5.5 | 5.5 | 5.6 | 5.4 | 5.5 | 5.5 | 5.5 | 5.6 | 5.4 | 5.5 | 5.5 | 5.6 | 5.6 |
| 125 | T.C. | 42.3 | 42.8 | 39.7 | 45.6 | 47.2 | 44.2 | 44.0 | 40.9 | 46.6 | 48.2 | 46.2 | 45.3 | 42.2 | 47.6 | 49.3 |
| | S.C. | 38.5 | 38.5 | 32.3 | 32.0 | 23.4 | 40.1 | 40.0 | 34.5 | 34.4 | 25.1 | 41.8 | 41.5 | 36.8 | 36.9 | 26.8 |
| | K.W. | 5.9 | 6.0 | 6.1 | 6.1 | 6.2 | 6.0 | 6.1 | 6.1 | 6.1 | 6.2 | 6.0 | 6.1 | 6.1 | 6.2 | 6.2 |

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

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

| Air Handler | Coil | T.C. | S.C. | KW |
|-------------|----------|------|------|------|
| MA20D | FC/MC60D | 1.00 | 1.00 | 1.00 |
| MA20D | MC61D | 1.01 | 1.01 | 1.00 |
| MV20D | FC/MC60D | 1.00 | 0.98 | 1.00 |
| MV20D | MC61D | 1.01 | 0.99 | 1.00 |
| AV/SV60 | — | 1.00 | 0.98 | 1.00 |
| F*FV060 | — | 1.00 | 0.98 | 1.00 |
| AHP/SHP60 | — | 1.00 | 1.02 | 1.00 |
| — | HC60 | 1.00 | 1.00 | 1.00 |
| — | HD60 | 1.00 | 1.01 | 1.00 |
| — | MC61 | 1.01 | 1.01 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| P(C,V)9*D20 | FC/MC/PC60D | 0.99 | 0.95 | 1.00 |
| PV8*C20 | FC/PC60C | 1.00 | 0.99 | 1.00 |
| P(C,V)9*C20 | FC/PC60C | 0.99 | 0.95 | 1.00 |
| PV8*C20 | HC60 | 1.00 | 0.99 | 1.00 |
| P(C,V)9*D20 | HC60 | 0.99 | 0.95 | 1.00 |
| PV8*C20 | HD60 | 1.00 | 0.99 | 1.00 |
| P(C,V)9*C20 | HD60 | 0.99 | 0.96 | 1.00 |
| P(C,V)9*D20 | HD60 | 0.98 | 0.96 | 1.00 |
| PV8*C20 | MC61D | 1.01 | 1.00 | 1.00 |
| P(C,V)9*C20 | MC61D | 0.98 | 0.96 | 1.00 |
| P(C,V)9*D20 | MC61D | 1.00 | 0.97 | 1.00 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|--|---|------------|-----|--------|-------|-----|--------|-------|-----|--------|
| OUTDOOR UNIT MODEL NO. | | YMB01811 | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC18 | | | | | | | | |
| AIR TEMP. ENTERING OUTDOOR UNIT | AIR TEMP. ENTERING INDOOR COIL | ID CFM | | | | | | | | |
| | | 450 | | | 600 | | | 750 | | |
| | | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. |
| 60 | 60 | 20.3 | 1.5 | 4.0 | 21.2 | 1.5 | 4.3 | 22.1 | 1.4 | 4.6 |
| | 70 | 19.6 | 1.6 | 3.5 | 20.6 | 1.6 | 3.8 | 21.6 | 1.5 | 4.2 |
| | 80 | 18.8 | 1.8 | 3.1 | 20.0 | 1.7 | 3.4 | 21.1 | 1.7 | 3.7 |
| 47 | 60 | 17.4 | 1.4 | 3.6 | 18.0 | 1.4 | 3.8 | 18.6 | 1.4 | 4.0 |
| | 70 | 16.8 | 1.5 | 3.2 | 17.4 | 1.5 | 3.4 | 18.1 | 1.5 | 3.6 |
| | 80 | 16.1 | 1.7 | 2.8 | 16.9 | 1.6 | 3.0 | 17.6 | 1.6 | 3.3 |
| 40 | 60 | 15.4 | 1.4 | 3.3 | 15.9 | 1.3 | 3.5 | 16.5 | 1.3 | 3.6 |
| | 70 | 15.1 | 1.5 | 3.0 | 15.6 | 1.5 | 3.1 | 16.2 | 1.4 | 3.3 |
| | 80 | 14.7 | 1.6 | 2.6 | 15.3 | 1.6 | 2.8 | 16.0 | 1.6 | 3.0 |
| 30 | 60 | 12.0 | 1.5 | 2.3 | 12.5 | 1.5 | 2.4 | 13.1 | 1.5 | 2.5 |
| | 70 | 12.5 | 1.4 | 2.6 | 12.9 | 1.4 | 2.7 | 13.2 | 1.4 | 2.7 |
| | 80 | 13.1 | 1.3 | 3.0 | 13.2 | 1.3 | 3.0 | 13.2 | 1.3 | 3.0 |
| 17 | 60 | 9.5 | 1.4 | 1.9 | 10.7 | 1.4 | 2.3 | 12.0 | 1.3 | 2.7 |
| | 70 | 9.7 | 1.3 | 2.1 | 10.7 | 1.3 | 2.4 | 11.7 | 1.3 | 2.7 |
| | 80 | 10.0 | 1.2 | 2.4 | 10.7 | 1.3 | 2.5 | 11.4 | 1.3 | 2.6 |
| 10 | 60 | 8.6 | 1.4 | 1.8 | 9.1 | 1.4 | 1.9 | 9.7 | 1.4 | 2.0 |
| | 70 | 9.2 | 1.3 | 2.1 | 9.6 | 1.3 | 2.2 | 10.0 | 1.3 | 2.2 |
| | 80 | 9.9 | 1.2 | 2.4 | 10.1 | 1.2 | 2.4 | 10.4 | 1.2 | 2.4 |

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

Multipliers for determining the performance with other indoor section.

| Air Handler | Coil | MBH | KW | COP |
|-------------|----------|------|------|------|
| MA08B | FC/MC18B | 1.00 | 1.00 | 1.00 |
| MV12B | FC/MC18B | 0.98 | 1.06 | 0.92 |
| AV24 | - | 0.98 | 1.06 | 0.92 |
| F*FP024 | - | 1.00 | 1.00 | 1.00 |
| AHP18 | - | 1.00 | 1.00 | 1.00 |
| - | HC18 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| PV8*A12 | FC/MC/PC18A | 0.97 | 1.07 | 0.91 |
| PV9*A12 | FC/MC/PC18A | 0.98 | 1.05 | 0.93 |
| P(C,V)9*B12 | FC/MC/PC18B | 0.97 | 1.06 | 0.91 |
| PV8*A12 | HC18 | 0.97 | 1.07 | 0.91 |
| PV9*A12 | HC18 | 0.98 | 1.05 | 0.93 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|--|---|------------|-----|--------|-------|-----|--------|-------|-----|--------|
| OUTDOOR UNIT MODEL NO. | | YMB02411 | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC24 | | | | | | | | |
| AIR TEMP. ENTERING OUTDOOR UNIT | AIR TEMP. ENTERING INDOOR COIL | ID CFM | | | | | | | | |
| | | 600 | | | 800 | | | 1000 | | |
| | | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. |
| 60 | 60 | 28.2 | 1.9 | 3.9 | 28.9 | 1.7 | 4.2 | 29.7 | 1.6 | 4.5 |
| | 70 | 27.5 | 2.2 | 3.3 | 28.2 | 2.0 | 3.6 | 28.9 | 1.8 | 4.0 |
| | 80 | 26.9 | 2.5 | 2.9 | 27.6 | 2.2 | 3.2 | 28.2 | 2.0 | 3.5 |
| 47 | 60 | 23.6 | 1.9 | 3.3 | 23.9 | 1.7 | 3.5 | 24.3 | 1.5 | 3.8 |
| | 70 | 23.1 | 2.1 | 2.9 | 23.6 | 1.9 | 3.2 | 24.0 | 1.7 | 3.4 |
| | 80 | 22.7 | 2.3 | 2.6 | 23.2 | 2.1 | 2.8 | 23.8 | 1.9 | 3.1 |
| 40 | 60 | 20.7 | 1.7 | 3.1 | 21.4 | 1.6 | 3.3 | 22.1 | 1.5 | 3.5 |
| | 70 | 20.5 | 2.0 | 2.8 | 21.1 | 1.8 | 2.9 | 21.7 | 1.7 | 3.1 |
| | 80 | 20.4 | 2.2 | 2.5 | 20.9 | 2.0 | 2.6 | 21.3 | 1.9 | 2.8 |
| 30 | 60 | 17.6 | 1.6 | 2.8 | 18.3 | 1.5 | 2.9 | 18.9 | 1.4 | 3.1 |
| | 70 | 17.1 | 1.9 | 2.4 | 18.0 | 1.7 | 2.6 | 18.8 | 1.6 | 2.8 |
| | 80 | 16.6 | 2.1 | 2.1 | 17.6 | 1.9 | 2.3 | 18.7 | 1.8 | 2.5 |
| 17 | 60 | 14.3 | 1.5 | 2.4 | 14.8 | 1.4 | 2.5 | 15.2 | 1.4 | 2.6 |
| | 70 | 13.6 | 1.7 | 2.1 | 14.3 | 1.6 | 2.2 | 15.0 | 1.6 | 2.3 |
| | 80 | 12.9 | 1.9 | 1.8 | 13.8 | 1.8 | 1.9 | 14.7 | 1.7 | 2.1 |
| 10 | 60 | 11.8 | 1.5 | 2.1 | 12.0 | 1.4 | 2.1 | 12.3 | 1.3 | 2.2 |
| | 70 | 11.5 | 1.5 | 1.9 | 11.6 | 1.6 | 1.8 | 11.8 | 1.6 | 1.8 |
| | 80 | 11.2 | 1.6 | 1.8 | 11.3 | 1.7 | 1.6 | 11.3 | 1.9 | 1.5 |

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

Multipliers for determining the performance with other indoor section.

| Air Handler | Coil | MBH | KW | COP |
|-------------|---------------|------|------|------|
| MA08B | FC/MC24B | 1.00 | 1.00 | 1.00 |
| MA08B | FC/MC30B | 1.00 | 1.00 | 1.00 |
| MV12B | FC/MC24B | 0.98 | 1.06 | 0.93 |
| MV12B | FC/MC30B | 0.98 | 1.06 | 0.93 |
| AV24 | – | 0.98 | 1.06 | 0.93 |
| AHP24 | – | 1.00 | 1.00 | 1.00 |
| – | FC/MC/PC/UC30 | 1.00 | 1.00 | 1.00 |
| – | HC30 | 1.00 | 1.00 | 1.00 |
| – | HD24 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| PV8*A12 | FC/MC/PC24A | 0.98 | 1.04 | 0.95 |
| PV9*A12 | FC/MC/PC24A | 0.98 | 1.04 | 0.95 |
| P(C,V)9*B12 | FC/MC/PC24B | 0.98 | 1.04 | 0.95 |
| PV8*A12 | FC/MC/PC30A | 0.98 | 1.04 | 0.94 |
| PV9*A12 | FC/MC/PC30A | 0.98 | 1.04 | 0.95 |
| P(C,V)9*B12 | FC/MC/PC30B | 0.98 | 1.04 | 0.94 |
| PV8*A12 | HC30 | 0.98 | 1.04 | 0.94 |
| PV9*A12 | HC30 | 0.98 | 1.04 | 0.95 |
| PV8*A12 | HD24 | 0.98 | 1.04 | 0.94 |
| PV9*A12 | HD24 | 0.98 | 1.04 | 0.95 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|--|---|----------|-----|--------|-------|-----|--------|-------|-----|--------|
| OUTDOOR UNIT MODEL NO. | | YMB03011 | | | | | | | | |
| INDOOR COIL MODEL NO. | | AHP30 | | | | | | | | |
| AIR TEMP. ENTERING OUTDOOR UNIT | AIR TEMP. ENTERING INDOOR COIL | ID CFM | | | | | | | | |
| | | 800 | | | 1000 | | | 1200 | | |
| | | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. |
| 60 | 60 | 36.0 | 2.2 | 4.2 | 36.8 | 2.1 | 4.4 | 37.7 | 2.0 | 4.6 |
| | 70 | 35.2 | 2.5 | 3.8 | 36.2 | 2.3 | 4.0 | 37.2 | 2.2 | 4.2 |
| | 80 | 34.5 | 2.7 | 3.4 | 35.6 | 2.5 | 3.6 | 36.6 | 2.4 | 3.8 |
| 47 | 60 | 29.9 | 2.1 | 3.7 | 30.9 | 2.0 | 3.9 | 32.0 | 1.9 | 4.1 |
| | 70 | 29.6 | 2.3 | 3.4 | 30.6 | 2.2 | 3.5 | 31.5 | 2.1 | 3.7 |
| | 80 | 29.4 | 2.5 | 3.1 | 30.2 | 2.4 | 3.2 | 31.0 | 2.3 | 3.4 |
| 40 | 60 | 27.7 | 2.0 | 3.5 | 28.5 | 1.9 | 3.7 | 29.3 | 1.8 | 3.8 |
| | 70 | 27.2 | 2.2 | 3.2 | 28.0 | 2.1 | 3.3 | 28.8 | 2.0 | 3.4 |
| | 80 | 26.8 | 2.4 | 2.9 | 27.5 | 2.3 | 3.0 | 28.2 | 2.2 | 3.1 |
| 30 | 60 | 21.5 | 1.9 | 2.9 | 23.2 | 1.8 | 3.1 | 24.8 | 1.8 | 3.3 |
| | 70 | 22.3 | 2.1 | 2.7 | 23.3 | 2.0 | 2.8 | 24.2 | 1.9 | 3.0 |
| | 80 | 23.2 | 2.4 | 2.6 | 23.4 | 2.2 | 2.6 | 23.6 | 2.1 | 2.7 |
| 17 | 60 | 18.8 | 1.7 | 2.8 | 18.9 | 1.8 | 2.6 | 19.1 | 1.8 | 2.5 |
| | 70 | 18.4 | 2.0 | 2.4 | 18.6 | 2.0 | 2.4 | 18.8 | 1.9 | 2.3 |
| | 80 | 18.0 | 2.3 | 2.1 | 18.3 | 2.1 | 2.1 | 18.6 | 2.0 | 2.2 |
| 10 | 60 | 16.6 | 1.8 | 2.4 | 16.8 | 1.7 | 2.4 | 17.1 | 1.7 | 2.4 |
| | 70 | 16.1 | 2.0 | 2.1 | 16.5 | 1.9 | 2.1 | 16.8 | 1.8 | 2.2 |
| | 80 | 15.7 | 2.2 | 1.8 | 16.1 | 2.1 | 1.9 | 16.5 | 2.0 | 2.0 |

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

Multipliers for determining the performance with other indoor sections.

| Air Handler | Coil | MBH | KW | COP |
|-------------|------------|------|------|------|
| MA12B | FC/MC35B | 1.00 | 1.00 | 1.00 |
| MA12B | FC/MC42B | 1.00 | 1.00 | 1.00 |
| MV12B | FC/MC35B | 0.98 | 1.05 | 0.93 |
| MV12B | FC/MC42B | 0.98 | 1.05 | 0.93 |
| AV36 | – | 0.98 | 1.05 | 0.93 |
| F*FP040 | – | 1.00 | 1.00 | 1.00 |
| – | FC/MC/PC35 | 1.00 | 1.00 | 1.00 |
| – | HC36 | 1.00 | 1.00 | 1.00 |
| – | HD36 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| PV8*B16 | FC/MC/PC35B | 0.98 | 1.05 | 0.93 |
| P(C,V)9*B12 | FC/MC/PC35B | 0.98 | 1.06 | 0.93 |
| PV8*B16 | HC36 | 0.99 | 1.03 | 0.96 |
| P(C,V)9*B12 | HC36 | 0.99 | 1.03 | 0.96 |
| PV8*A12 | HD36 | 0.99 | 1.03 | 0.96 |
| PV8*B16 | HD36 | 0.98 | 1.05 | 0.93 |
| PV8*C16 | HD36 | 0.98 | 1.06 | 0.93 |
| PV8*C20 | HD36 | 0.98 | 1.06 | 0.93 |
| PV9*A12 | HD36 | 0.99 | 1.03 | 0.96 |
| P(C,V)9*B12 | HD36 | 0.99 | 1.03 | 0.96 |
| P(C,V)9*C16 | HD36 | 0.99 | 1.05 | 0.94 |
| P(C,V)9*C20 | HD36 | 0.99 | 1.05 | 0.94 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|--|---|------------|-----|--------|-------|-----|--------|-------|-----|--------|
| OUTDOOR UNIT MODEL NO. | | YMB03611 | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC48 | | | | | | | | |
| AIR TEMP. ENTERING OUTDOOR UNIT | AIR TEMP. ENTERING INDOOR COIL | ID CFM | | | | | | | | |
| | | 1000 | | | 1200 | | | 1400 | | |
| | | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. |
| 60 | 60 | 39.2 | 2.6 | 4.0 | 40.1 | 2.5 | 4.2 | 40.9 | 2.3 | 4.3 |
| | 70 | 38.5 | 2.9 | 3.5 | 39.3 | 2.7 | 3.7 | 40.1 | 2.6 | 3.9 |
| | 80 | 37.8 | 3.2 | 3.2 | 38.5 | 3.0 | 3.3 | 39.2 | 2.9 | 3.5 |
| 47 | 60 | 32.9 | 2.4 | 3.6 | 33.5 | 2.3 | 3.7 | 34.1 | 2.2 | 3.8 |
| | 70 | 32.1 | 2.7 | 3.2 | 32.7 | 2.6 | 3.3 | 33.3 | 2.5 | 3.4 |
| | 80 | 31.4 | 3.0 | 2.8 | 32.0 | 2.8 | 2.9 | 32.6 | 2.7 | 3.0 |
| 40 | 60 | 29.3 | 2.3 | 3.3 | 29.9 | 2.3 | 3.3 | 30.4 | 2.2 | 3.4 |
| | 70 | 29.0 | 2.6 | 2.9 | 29.4 | 2.5 | 3.0 | 29.8 | 2.4 | 3.1 |
| | 80 | 28.6 | 2.8 | 2.7 | 28.9 | 2.7 | 2.7 | 29.2 | 2.6 | 2.8 |
| 30 | 60 | 24.6 | 2.3 | 2.8 | 25.0 | 2.2 | 2.9 | 25.4 | 2.1 | 2.9 |
| | 70 | 24.4 | 2.5 | 2.6 | 24.8 | 2.4 | 2.6 | 25.2 | 2.4 | 2.7 |
| | 80 | 24.3 | 2.7 | 2.4 | 24.7 | 2.6 | 2.4 | 25.1 | 2.6 | 2.5 |
| 17 | 60 | 15.6 | 2.6 | 1.9 | 16.9 | 2.3 | 1.9 | 18.2 | 2.0 | 1.8 |
| | 70 | 17.8 | 2.6 | 1.8 | 18.5 | 2.4 | 1.9 | 19.2 | 2.2 | 2.1 |
| | 80 | 19.9 | 2.7 | 2.0 | 20.1 | 2.6 | 2.0 | 20.3 | 2.5 | 2.0 |
| 10 | 60 | 18.2 | 2.1 | 2.3 | 18.4 | 2.0 | 2.3 | 18.7 | 2.0 | 2.3 |
| | 70 | 17.7 | 2.3 | 2.0 | 18.0 | 2.3 | 2.0 | 18.4 | 2.2 | 2.0 |
| | 80 | 17.3 | 2.6 | 1.8 | 17.7 | 2.5 | 1.8 | 18.0 | 2.4 | 1.8 |

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

Multipliers for determining the performance with other indoor sections.

| Air Handler | Coil | MBH | KW | COP |
|-------------|---------------|------|------|------|
| MA12B | FC/MC42B | 0.97 | 1.00 | 1.00 |
| MA14D | FC/MC48D | 1.00 | 1.00 | 1.00 |
| MV16C | FC/MC48C | 1.00 | 1.05 | 0.94 |
| MV20D | FC/MC48D | 1.00 | 1.06 | 0.92 |
| AV36 | - | 1.00 | 1.05 | 0.94 |
| AHP42 | - | 1.00 | 1.00 | 1.00 |
| - | FC/MC/PC/UC42 | 0.97 | 1.00 | 1.00 |
| - | FC/MC/PC/UC48 | 1.00 | 1.00 | 1.00 |
| - | HC42 | 1.00 | 1.00 | 1.00 |
| - | HD48 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| PV8*B16 | FC/MC/PC42B | 0.94 | 0.90 | 0.95 |
| P(C,V)9*B12 | FC/MC/PC42B | 0.94 | 0.88 | 0.95 |
| PV8*C16 | FC/MC/PC42C | 0.94 | 0.90 | 0.95 |
| PV8*C20 | FC/MC/PC42C | 0.94 | 0.88 | 0.95 |
| P(C,V)9*C16 | FC/MC/PC42C | 0.94 | 0.90 | 0.95 |
| P(C,V)9*C20 | FC/MC/PC42C | 0.94 | 0.88 | 0.95 |
| PV8*C16 | FC/MC/PC48C | 0.98 | 0.98 | 0.95 |
| PV8*C20 | FC/MC/PC48C | 0.98 | 0.98 | 0.95 |
| P(C,V)9*C16 | FC/MC/PC48C | 0.98 | 0.97 | 0.97 |
| P(C,V)9*C20 | FC/MC/PC48C | 0.98 | 0.97 | 0.97 |
| P(C,V)9*D20 | FC/MC/PC48D | 0.98 | 0.97 | 0.97 |
| PV8*C16 | HC42 | 0.98 | 0.98 | 0.95 |
| PV8*C20 | HC42 | 0.98 | 0.98 | 0.95 |
| P(C,V)9*C16 | HC42 | 0.98 | 0.97 | 0.97 |
| P(C,V)9*C20 | HC42 | 0.98 | 0.97 | 0.97 |
| PV8*C16 | HD48 | 0.98 | 0.98 | 0.95 |
| PV8*C20 | HD48 | 0.98 | 0.98 | 0.95 |
| P(C,V)9*C16 | HD48 | 0.98 | 0.97 | 0.97 |
| P(C,V)9*C20 | HD48 | 0.98 | 0.97 | 0.97 |
| P(C,V)9*D20 | HD48 | 0.98 | 0.97 | 0.96 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|--|---|------------|-----|--------|-------|-----|--------|-------|-----|--------|
| OUTDOOR UNIT MODEL NO. | | YMB04211 | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC60 | | | | | | | | |
| AIR TEMP. ENTERING OUTDOOR UNIT | AIR TEMP. ENTERING INDOOR COIL | ID CFM | | | | | | | | |
| | | 1200 | | | 1400 | | | 1600 | | |
| | | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. |
| 60 | 60 | 54.5 | 3.0 | 4.6 | 54.6 | 2.9 | 4.7 | 54.7 | 2.8 | 4.8 |
| | 70 | 53.3 | 3.4 | 4.1 | 53.6 | 3.2 | 4.2 | 54.0 | 3.1 | 4.3 |
| | 80 | 52.2 | 3.7 | 3.7 | 52.7 | 3.5 | 3.8 | 53.3 | 3.4 | 4.0 |
| 47 | 60 | 44.9 | 2.8 | 4.1 | 23.0 | 1.3 | 3.7 | 46.0 | 2.6 | 4.2 |
| | 70 | 44.5 | 3.1 | 3.7 | 33.7 | 2.3 | 3.5 | 45.3 | 2.9 | 3.8 |
| | 80 | 44.1 | 3.5 | 3.3 | 44.4 | 3.3 | 3.4 | 44.6 | 3.2 | 3.5 |
| 40 | 60 | 36.5 | 2.6 | 3.5 | 38.8 | 2.6 | 3.7 | 41.2 | 2.6 | 3.9 |
| | 70 | 37.2 | 3.0 | 3.2 | 39.0 | 2.9 | 3.3 | 40.8 | 2.8 | 3.5 |
| | 80 | 38.0 | 3.4 | 2.9 | 39.2 | 3.2 | 3.1 | 40.4 | 3.1 | 3.2 |
| 30 | 60 | 32.2 | 2.4 | 3.3 | 33.3 | 2.5 | 3.2 | 34.4 | 2.6 | 3.2 |
| | 70 | 33.3 | 2.8 | 3.0 | 33.9 | 2.8 | 3.0 | 34.6 | 2.8 | 3.0 |
| | 80 | 34.4 | 3.2 | 2.8 | 34.6 | 3.1 | 2.8 | 34.8 | 3.0 | 2.8 |
| 17 | 60 | 28.6 | 2.5 | 2.9 | 28.7 | 2.4 | 2.9 | 28.8 | 2.4 | 2.9 |
| | 70 | 28.0 | 2.8 | 2.6 | 28.3 | 2.7 | 2.6 | 28.6 | 2.6 | 2.6 |
| | 80 | 27.4 | 3.1 | 2.3 | 27.9 | 3.0 | 2.3 | 28.3 | 2.9 | 2.4 |
| 10 | 60 | 26.0 | 2.3 | 2.7 | 26.1 | 2.4 | 2.6 | 26.2 | 2.5 | 2.5 |
| | 70 | 25.4 | 2.7 | 2.4 | 25.6 | 2.7 | 2.4 | 25.8 | 2.7 | 2.3 |
| | 80 | 24.9 | 3.0 | 2.1 | 25.1 | 2.9 | 2.1 | 25.3 | 2.9 | 2.2 |

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

Multipliers for determining the performance with other indoor sections.

| Air Handler | Coil | MBH | KW | COP |
|-------------|----------|------|------|------|
| MA14D | FC/MC60D | 1.00 | 1.00 | 1.00 |
| MA16C | FC60C | 1.00 | 1.00 | 1.00 |
| MV20D | FC/MC60D | 1.00 | 1.04 | 0.96 |
| MV16C | FC60C | 1.00 | 1.04 | 0.96 |
| AV/SV48 | – | 1.00 | 1.04 | 0.96 |
| AV/SV60 | – | 1.00 | 1.04 | 0.96 |
| F*FV060 | – | 1.00 | 1.04 | 0.96 |
| AHP/SHP48 | – | 1.00 | 1.01 | 0.99 |
| AHP/SHP60 | – | 1.00 | 1.04 | 0.96 |
| F*FP045 | – | 1.00 | 1.01 | 0.99 |
| – | HC60 | 1.00 | 1.00 | 1.00 |
| – | HD60 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| P(C,V)9"D20 | FC/MC/PC60D | 1.00 | 1.02 | 0.98 |
| PV8*C16 | FC/PC60C | 1.00 | 1.02 | 0.98 |
| PV8*C20 | FC/PC60C | 1.00 | 1.03 | 0.97 |
| P(C,V)9*C16 | FC/PC60C | 1.00 | 1.02 | 0.98 |
| P(C,V)9*C20 | FC/PC60C | 1.00 | 1.02 | 0.98 |
| PV8*C20 | HC60 | 1.00 | 1.03 | 0.97 |
| P(C,V)9*C20 | HC60 | 1.00 | 1.02 | 0.98 |
| P(C,V)9"D20 | HC60 | 1.00 | 1.02 | 0.98 |
| PV8*C16 | HD60 | 1.00 | 1.02 | 0.98 |
| PV8*C20 | HD60 | 1.00 | 1.03 | 0.97 |
| P(C,V)9*C16 | HD60 | 1.00 | 1.02 | 0.98 |
| P(C,V)9*C20 | HD60 | 1.00 | 1.02 | 0.98 |
| P(C,V)9"D20 | HD60 | 1.00 | 1.02 | 0.98 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|--|---|------------|-----|--------|-------|-----|--------|-------|-----|--------|
| OUTDOOR UNIT MODEL NO. | | YMB04811 | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC60 | | | | | | | | |
| AIR TEMP. ENTERING OUTDOOR UNIT | AIR TEMP. ENTERING INDOOR COIL | ID CFM | | | | | | | | |
| | | 1400 | | | 1600 | | | 1800 | | |
| | | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. |
| 60 | 60 | 64.7 | 3.3 | 4.9 | 64.7 | 3.4 | 4.8 | 64.8 | 3.4 | 4.7 |
| | 70 | 62.2 | 3.9 | 4.1 | 62.4 | 3.8 | 4.2 | 62.6 | 3.7 | 4.2 |
| | 80 | 59.7 | 4.4 | 3.5 | 60.0 | 4.3 | 3.6 | 60.3 | 4.1 | 3.7 |
| 47 | 60 | 54.3 | 3.4 | 4.1 | 54.5 | 3.3 | 4.2 | 54.7 | 3.1 | 4.2 |
| | 70 | 52.1 | 3.8 | 3.6 | 52.3 | 3.6 | 3.6 | 52.5 | 3.5 | 3.7 |
| | 80 | 49.8 | 4.1 | 3.2 | 50.1 | 4.0 | 3.2 | 50.3 | 3.8 | 3.3 |
| 40 | 60 | 49.1 | 3.2 | 3.8 | 49.2 | 3.1 | 3.9 | 49.4 | 3.0 | 3.9 |
| | 70 | 47.1 | 3.6 | 3.3 | 47.2 | 3.5 | 3.4 | 47.2 | 3.4 | 3.4 |
| | 80 | 45.0 | 4.0 | 2.9 | 45.1 | 3.9 | 3.0 | 45.1 | 3.7 | 3.0 |
| 30 | 60 | 42.5 | 3.1 | 3.5 | 42.9 | 3.0 | 3.5 | 43.2 | 3.0 | 3.5 |
| | 70 | 39.7 | 3.4 | 3.0 | 40.2 | 3.4 | 3.0 | 40.6 | 3.4 | 2.9 |
| | 80 | 36.9 | 3.7 | 2.6 | 37.5 | 3.8 | 2.5 | 38.1 | 3.9 | 2.5 |
| 17 | 60 | 34.5 | 2.8 | 3.0 | 34.9 | 2.9 | 3.0 | 35.3 | 2.9 | 2.9 |
| | 70 | 31.8 | 3.3 | 2.5 | 32.6 | 3.2 | 2.5 | 33.5 | 3.2 | 2.6 |
| | 80 | 29.1 | 3.7 | 2.0 | 30.4 | 3.6 | 2.1 | 31.7 | 3.5 | 2.3 |
| 10 | 60 | 32.3 | 2.9 | 2.8 | 32.4 | 2.8 | 2.8 | 32.5 | 2.8 | 2.8 |
| | 70 | 30.3 | 3.2 | 2.4 | 30.5 | 3.1 | 2.4 | 30.6 | 3.0 | 2.4 |
| | 80 | 28.3 | 3.5 | 2.0 | 28.5 | 3.4 | 2.1 | 28.8 | 3.3 | 2.1 |

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

Multipliers for determining the performance with other indoor sections.

| Air Handler | Coil | MBH | KW | COP |
|-------------|----------|------|------|------|
| MA20D | FC/MC60D | 1.00 | 1.00 | 1.00 |
| MA16C | FC60C | 1.00 | 1.00 | 1.00 |
| MV20D | FC/MC60D | 1.00 | 1.03 | 0.97 |
| MV16C | FC60C | 1.00 | 1.03 | 0.97 |
| AV/SV48 | – | 1.00 | 1.03 | 0.97 |
| AV/SV60 | – | 1.00 | 1.03 | 0.97 |
| F*FV060 | – | 1.00 | 1.03 | 0.97 |
| AHP/SHP48 | – | 1.00 | 0.99 | 1.01 |
| AHP/SHP60 | – | 1.00 | 1.02 | 0.98 |
| – | HC60 | 1.00 | 1.00 | 1.00 |
| – | HD60 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| P(C,V)9*D20 | FC/MC/PC60D | 1.00 | 1.01 | 0.99 |
| PV8*C16 | FC/PC60C | 1.00 | 1.01 | 0.99 |
| PV8*C20 | FC/PC60C | 1.00 | 1.01 | 0.99 |
| P(C,V)9*C16 | FC/PC60C | 1.00 | 1.00 | 1.00 |
| P(C,V)9*C20 | FC/PC60C | 1.00 | 1.01 | 0.99 |
| PV8*C20 | HC60 | 1.00 | 1.01 | 0.99 |
| P(C,V)9*C20 | HC60 | 1.00 | 1.01 | 0.99 |
| P(C,V)9*D20 | HC60 | 1.00 | 1.01 | 0.99 |
| PV8*C16 | HD60 | 1.00 | 1.01 | 0.99 |
| PV8*C20 | HD60 | 1.00 | 1.01 | 0.99 |
| P(C,V)9*C16 | HD60 | 1.00 | 1.00 | 1.00 |
| P(C,V)9*C20 | HD60 | 1.00 | 1.01 | 0.99 |
| P(C,V)9*D20 | HD60 | 1.00 | 1.01 | 0.99 |

| HEATING PERFORMANCE DATA | | | | | | | | | | |
|--|---|------------|-----|--------|-------|-----|--------|-------|-----|--------|
| OUTDOOR UNIT MODEL NO. | | YMB06011 | | | | | | | | |
| INDOOR COIL MODEL NO. | | FC/MC/PC60 | | | | | | | | |
| AIR TEMP. ENTERING OUTDOOR UNIT | AIR TEMP. ENTERING INDOOR COIL | ID CFM | | | | | | | | |
| | | 1600 | | | 1800 | | | 2000 | | |
| | | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. | MBTUH | KW | C.O.P. |
| 60 | 60 | 75.6 | 4.6 | 4.8 | 76.1 | 4.4 | 5.1 | 76.6 | 4.2 | 5.3 |
| | 70 | 72.9 | 5.1 | 4.2 | 73.4 | 4.9 | 4.4 | 73.8 | 4.6 | 4.7 |
| | 80 | 70.2 | 5.6 | 3.7 | 70.6 | 5.3 | 3.9 | 71.0 | 5.1 | 4.1 |
| 47 | 60 | 63.8 | 4.3 | 4.4 | 64.2 | 4.1 | 4.6 | 64.7 | 3.9 | 4.8 |
| | 70 | 61.4 | 4.8 | 3.8 | 61.8 | 4.6 | 4.0 | 62.2 | 4.4 | 4.2 |
| | 80 | 59.0 | 5.3 | 3.3 | 59.3 | 5.0 | 3.4 | 59.6 | 4.8 | 3.6 |
| 40 | 60 | 53.1 | 4.0 | 3.9 | 53.2 | 4.2 | 3.7 | 53.3 | 4.3 | 3.6 |
| | 70 | 48.9 | 4.4 | 3.3 | 49.3 | 4.6 | 3.1 | 49.6 | 4.8 | 3.0 |
| | 80 | 44.7 | 4.7 | 2.7 | 45.4 | 5.0 | 2.7 | 46.0 | 5.2 | 2.6 |
| 30 | 60 | 47.5 | 4.1 | 3.4 | 48.8 | 3.9 | 3.6 | 50.2 | 3.7 | 3.9 |
| | 70 | 46.6 | 4.5 | 3.0 | 47.3 | 4.4 | 3.2 | 48.1 | 4.2 | 3.4 |
| | 80 | 45.7 | 4.9 | 2.7 | 45.8 | 4.8 | 2.8 | 45.9 | 4.6 | 2.9 |
| 17 | 60 | 38.3 | 3.8 | 2.9 | 40.1 | 3.6 | 3.2 | 41.9 | 3.5 | 3.5 |
| | 70 | 36.8 | 4.0 | 2.7 | 38.4 | 4.0 | 2.8 | 40.0 | 3.9 | 3.0 |
| | 80 | 35.3 | 4.3 | 2.4 | 36.7 | 4.3 | 2.5 | 38.1 | 4.4 | 2.6 |
| 10 | 60 | 33.1 | 3.4 | 2.9 | 34.5 | 3.5 | 2.9 | 36.0 | 3.6 | 2.9 |
| | 70 | 33.2 | 3.9 | 2.5 | 34.0 | 3.9 | 2.5 | 34.7 | 3.9 | 2.6 |
| | 80 | 33.4 | 4.4 | 2.2 | 33.4 | 4.3 | 2.2 | 33.4 | 4.3 | 2.3 |

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

Multipliers for determining the performance with other indoor sections.

| Air Handler | Coil | MBH | KW | COP |
|-------------|----------|------|------|------|
| MA20D | FC/MC60D | 1.00 | 1.00 | 1.00 |
| MA20D | MC61D | 1.00 | 1.00 | 1.00 |
| MV20D | FC/MC60D | 1.00 | 1.02 | 0.98 |
| MV20D | MC61D | 1.00 | 1.02 | 0.98 |
| AV/SV60 | – | 1.00 | 1.02 | 0.98 |
| F*FV060 | – | 1.00 | 1.02 | 0.98 |
| AHP/SHP60 | – | 1.00 | 1.01 | 0.99 |
| – | HC60 | 1.00 | 1.00 | 1.00 |
| – | HD60 | 1.00 | 1.00 | 1.00 |
| – | MC61 | 1.00 | 1.00 | 1.00 |

| Variable Speed Furnace | Coil | T.C. | S.C. | KW |
|------------------------|-------------|------|------|------|
| P(C,V)9*D20 | FC/MC/PC60D | 1.00 | 1.02 | 0.98 |
| PV8*C20 | FC/PC60C | 1.00 | 1.01 | 0.99 |
| P(C,V)9*C20 | FC/PC60C | 1.00 | 1.01 | 0.99 |
| PV8*C20 | HC60 | 1.00 | 1.01 | 0.99 |
| P(C,V)9*D20 | HC60 | 1.00 | 1.02 | 0.98 |
| PV8*C20 | HD60 | 1.00 | 1.01 | 0.99 |
| P(C,V)9*C20 | HD60 | 1.00 | 1.01 | 0.99 |
| P(C,V)9*D20 | HD60 | 1.00 | 1.02 | 0.98 |
| PV8*C20 | MC61D | 1.00 | 1.01 | 0.99 |
| P(C,V)9*C20 | MC61D | 1.00 | 1.01 | 0.99 |
| P(C,V)9*D20 | MC61D | 1.00 | 1.02 | 0.98 |

NOTES