



DM97MC / DC97MC



**MODULATING, VARIABLE-SPEED
COMMUNICATING
ECM GAS FURNACE
97% AFUE**

HEATING INPUT: 60,000–120,000 BTU/H

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■ Standard Features

- Compatible with Daikin *One+* and Daikin *One* touch smart thermostats and other Daikin communicating equipment
- Heavy-duty stainless-steel tubular heat exchanger
- Stainless-steel secondary heat exchanger
- Self-calibrating modulating gas valve auto-configure for each installation
- Durable Silicon Nitride igniter
- Quiet variable-speed induced draft blower
- Self-diagnostic control board with constant memory fault code history output to a dual 7-segment display
- Color-coded low-voltage terminals with provisions for electronic air cleaner and humidifier
- Efficient and quiet variable-speed airflow system gently ramps up or down according to heating or cooling demand
- Multiple continuous fan speed options offer quiet air circulation
- Auto-Comfort and enhanced dehumidification modes available
- Can not be installed in California's South Coast Air Quality Management District (SCAQMD) and San Joaquin Valley Air Pollution Control District (SJVAPCD).

■ Cabinet Features

- Designed for multi-position installation:
DM97MC: upflow, horizontal left or right
DC97MC: downflow, horizontal left or right
- Certified for direct vent (2-pipe) or non-direct vent (1-pipe)
- Easy-to-install top venting with optional side venting
- Convenient left or right connection for gas and electrical service
- Cabinet air leakage (Q_{Leak}) \leq 2%
- Heavy-gauge steel cabinet with durable finish
- Fully insulated heat exchanger and blower section
- Airtight solid bottom or side return with easy-cut tabs for effortless removal in bottom air-inlet applications



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*Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home), the 12-Year Unit Replacement Limited Warranty and the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Québec. The duration of warranty coverage in Texas and Florida differs in some cases.

NOMENCLATURE

| | D | M | 97 | M | C | 0,4,0 | 3 | B | X | A | A | |
|--|---|---|-----|---|---|-------|----|----|----|----|----|--|
| | 1 | 2 | 3,4 | 5 | 6 | 7,8,9 | 10 | 11 | 12 | 13 | 14 | |
| BRAND D - DAIKIN | | | | | | | | | | | | MINOR REVISION A - INITIAL RELEASE B - 1ST REVISION |
| CONFIGURATION M - UPFLOW/HORIZONTAL C - DOWNFLOW/HORIZONTAL K - DEDICATED UPFLOW D - DEDICATED DOWNFLOW | | | | | | | | | | | | MAJOR REVISION A - INITIAL RELEASE B - 1ST REVISION |
| AFUE 80 - 80% AFUE 92 - 92% AFUE 96 - 96 AFUE 97 - 97% AFUE | | | | | | | | | | | | NOX N - NATURAL GAS X - LOW NOX |
| GAS VALVE M - MODULATING V - 2 STAGE H - CONVERTIBLE 2 STAGE S - SINGLE STAGE | | | | | | | | | | | | CABINET WIDTH A - 14" B - 17.5" C - 21" D - 24.5" |
| MOTOR C - VARIABLE SPEED / COMMUNICATING E - HIGH EFFICIENCY S - SINGLE SPEED | | | | | | | | | | | | MAXIMUM CFM 3 - 1200 CFM 4 - 1600 CFM 5 - 2000 CFM |
| MBTU/H 030 - 30,000 BTU/H 040 - 40,000 BTU/H 100 - 100,000 BTU/H 060 - 60,000 BTU/H 120 - 120,000 BTU/H 080 - 80,000 BTU/H 140 - 140,000 BTU/H | | | | | | | | | | | | |

| | DM97MC 0603BN | DM97MC 0803BN | DM97MC 0804CN | DM97MC 1005CN | DM97MC 1205DN | DC97MC 0603BN | DC97MC 0803BN | DC97MC 0804CN | DC97MC 1005CN |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| HEATING DATA | | | | | | | | | |
| High Fire Input ¹ | 60,000 | 80,000 | 80,000 | 100,000 | 120,000 | 60,000 | 80,000 | 80,000 | 100,000 |
| High Fire Output ¹ | 58,800 | 77,600 | 78,400 | 97,000 | 116,400 | 58,200 | 77,600 | 77,600 | 97,000 |
| Low-Fire Steady-State Input ¹ | 30,000 | 40,000 | 40,000 | 50,000 | 60,000 | 30,000 | 40,000 | 40,000 | 50,000 |
| Low-Fire Steady-State Output ¹ | 29,400 | 38,800 | 39,200 | 48,500 | 58,200 | 29,100 | 38,800 | 38,800 | 48,500 |
| AFUE ² | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 |
| Temperature Rise Range (°F) | 25 - 55 | 30 - 60 | 25 - 55 | 35 - 65 | 35 - 65 | 35 - 65 | 35 - 65 | 35 - 65 | 35 - 65 |
| Vent Diameter ³ | 2" - 3" | 2" - 3" | 2" - 3" | 2" - 3" | 2" - 3" | 2" - 3" | 2" - 3" | 2" - 3" | 2" - 3" |
| No. of Burners | 3 | 4 | 4 | 5 | 6 | 3 | 4 | 4 | 5 |
| CIRCULATOR BLOWER | | | | | | | | | |
| Available AC @ 0.5" ESP | 1.5 - 3 | 1.5 - 3 | 1.5 - 4 | 2 - 5 | 2 - 5 | 1.5 - 3 | 1.5 - 3 | 1.5 - 4 | 2 - 5 |
| Size (D x W) | 11" x 8" | 11" x 8" | 11" x 10" | 11" x 10" | 11" x 11" | 11" x 8" | 11" x 8" | 11" x 10" | 11" x 10" |
| Horsepower @ 1075 RPM | ½ | ½ | ¾ | 1 | 1 | ½ | ½ | ¾ | 1 |
| Speed | VS ECM | VS ECM | VS ECM | VS ECM | VS ECM | VS ECM | VS ECM | VS ECM | VS ECM |
| FILTER SIZE (IN²) | | | | | | | | | |
| Permanent | 739 | 766 | 862 | 862 | 1,035 | 517 | 690 | 690 | 862 |
| Disposable | 370 | 383 | 431 | 431 | 517 | 259 | 345 | 345 | 431 |
| ELECTRICAL DATA | | | | | | | | | |
| Min. Circuit Ampacity ⁴ | 8.8 | 8.8 | 11.6 | 15.4 | 15.4 | 8.8 | 8.8 | 11.6 | 15.4 |
| Max. Overcurrent Device (amps) ⁵ | 15 | 15 | 15 | 20 | 20 | 15 | 15 | 15 | 20 |
| SHIPPING WEIGHT (LBS) | | | | | | | | | |
| | 118 | 121 | 142 | 144 | 157 | 117 | 122 | 144 | 146 |

¹ Natural Gas BTU/h

² DOE AFUE based upon Isolated Combustion System (ICS)

³ Installer must supply one or two PVC pipes: one for combustion air (optional) and one for the flue outlet (required). Vent pipe must be either 2" or 3" in diameter, depending upon furnace input, number of elbows, length of run and installation (1 or 2 pipes). The optional Combustion Air Pipe is dependent on installation/code requirements and must be 2" or 3" diameter PVC.

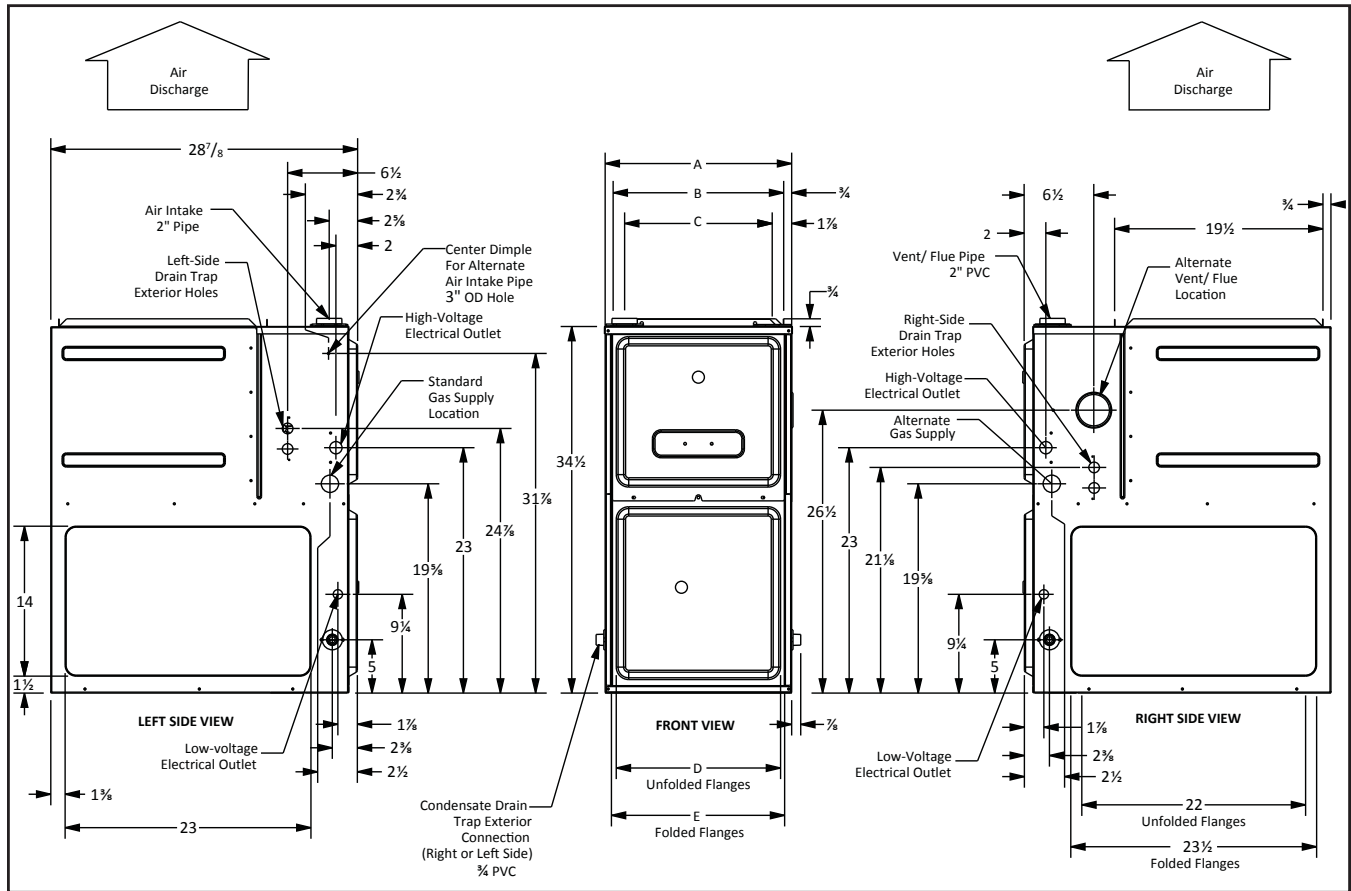
⁴ Minimum Circuit Ampacity = (1.25 x Circulator Blower Amps) + ID Blower amps. Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

⁵ Maximum Overcurrent Protection Device refers to maximum recommended fuse or circuit breaker size. May use fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- All furnaces are manufactured for use on 115 VAC, 60 Hz, single-phase electrical supply.
- Gas Service Connection ½" FPT
- Important: Size fuses and wires properly and make electrical connections in accordance with the National Electrical Code and/or all existing local codes.
- For bottom return: Failure to unfold flanges may reduce airflow by up to 18%. This could result in performance and noise issues.
- For servicing or cleaning, a 24" front clearance is required. Unit connections (electrical, flue and drain) may necessitate greater clearances than the minimum clearances listed above. In all cases, accessibility clearance must take precedence over clearances from the enclosure where accessibility clearances are greater.
- For gas valve modulating range, see details in the Installation Instruction Manual.

DM97MC DIMENSIONS



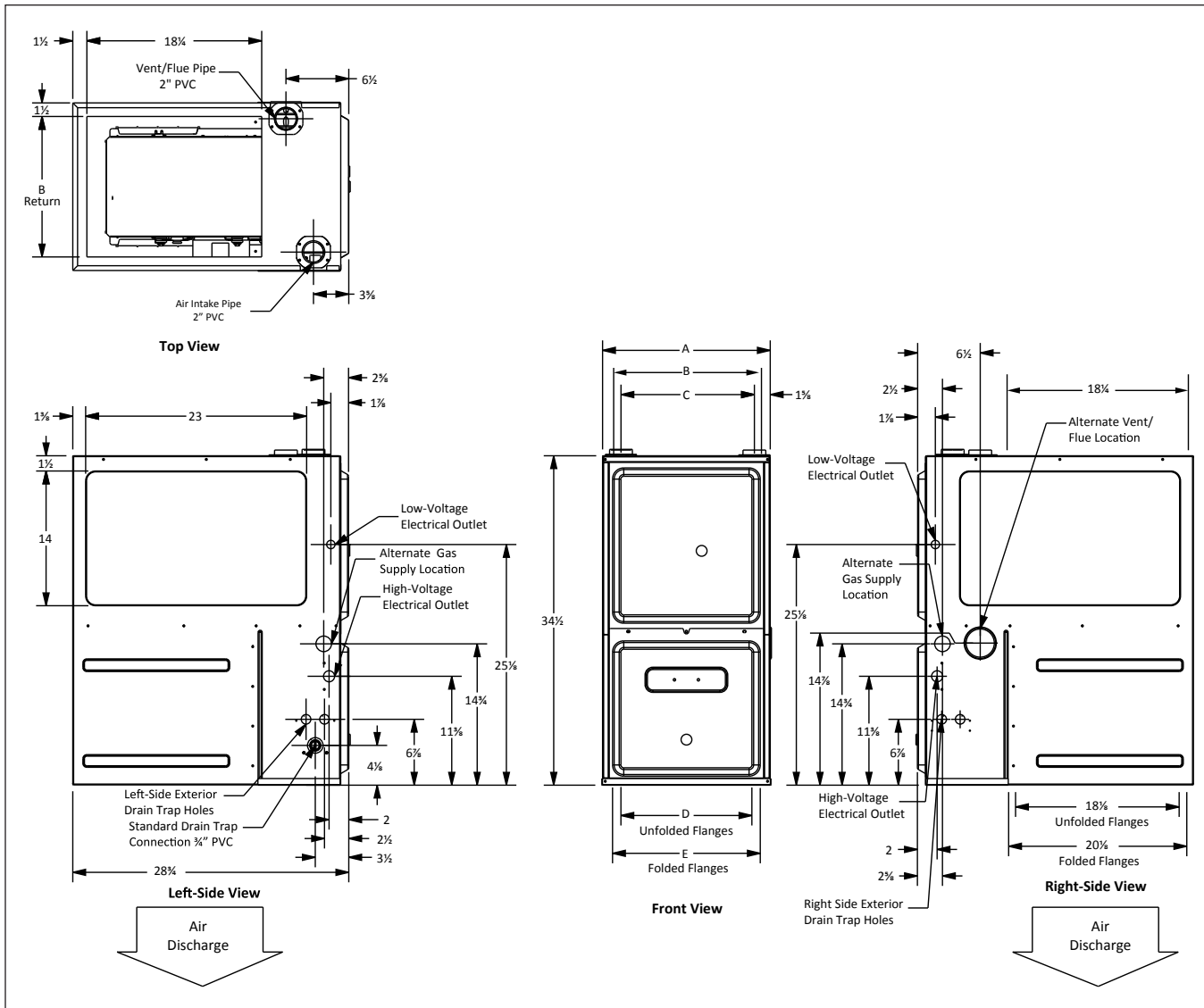
| MODEL | W | D | H |
|---------------|---------|---------|---------|
| DM97MC0603BNA | 17 1/2" | 28 7/8" | 34 1/2" |
| DM97MC0803BNA | 17 1/2" | 28 7/8" | 34 1/2" |
| DM97MC0804CNA | 21" | 28 7/8" | 34 1/2" |
| DM97MC1005CNA | 21" | 28 7/8" | 34 1/2" |
| DM97MC1205DNA | 24 1/2" | 28 7/8" | 34 1/2" |

| AIR DISCHARGE | | | AIR RETURN | |
|---------------|---------|---------|------------|---------|
| A | B | C | D | E |
| 17 1/2" | 16" | 13 3/8" | 12 1/8" | 13 5/8" |
| 17 1/2" | 16" | 13 3/8" | 12 1/8" | 13 5/8" |
| 21" | 19 1/2" | 17 7/8" | 16" | 17 1/2" |
| 21" | 19 1/2" | 17 7/8" | 16" | 17 1/2" |
| 24 1/2" | 23" | 20 3/8" | 19 3/8" | 20 3/8" |

MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS

| POSITION | SIDES | REAR | FRONT | BOTTOM | FLUE | TOP |
|------------|-------|------|-------|--------|------|-----|
| Upflow | 0" | 0" | 3" | C | 0" | 1" |
| Horizontal | 6" | 0" | 3" | C | 0" | 6" |

C = If placed on combustible floor, the floor MUST be wood ONLY.



| MODEL | W | D | H |
|---------------|---------|---------|---------|
| DC97MC0603BNA | 17 1/2" | 28 7/8" | 34 1/2" |
| DC97MC0803BNA | 17 1/2" | 28 7/8" | 34 1/2" |
| DC97MC0804CNA | 21" | 28 7/8" | 34 1/2" |
| DC97MC1005CNA | 21" | 28 7/8" | 34 1/2" |

| A | AIR RETURN | | | AIR DISCHARGE | |
|---------|------------|---------|---------|---------------|--|
| | B | C | D | E | |
| 17 1/2" | 14 7/8" | 14" | 14 1/2" | 13 3/8" | |
| 17 1/2" | 14 7/8" | 14" | 14 1/2" | 13 3/8" | |
| 21" | 18 7/8" | 17 1/2" | 18" | 19 1/2" | |
| 21" | 18 7/8" | 17 1/2" | 18" | 19 1/2" | |

MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS

| POSITION | SIDES | REAR | FRONT | BOTTOM | FLUE | TOP |
|------------|-------|------|-------|--------|------|-----|
| Downflow | 0" | 0" | 3" | NC | 0" | 1" |
| Horizontal | 6" | 0" | 3" | C | 0" | 6" |

C = If placed on combustible floor, the floor MUST be wood ONLY.

NC = For installation on non-combustible floors only. A combustible floor sub-base must be used for installations on combustible flooring.

DM97MC0603BNA
COOLING SPEED
 (@ .1" - .8" w.c. ESP)

| TAP | ADJUST | HIGH-STAGE CFM | LOW-STAGE CFM |
|-----|-----------|----------------|---------------|
| A | Minus 10% | 539 | 358 |
| | Normal | 599 | 398 |
| | Plus 10% | 659 | 438 |
| B | Minus 10% | 735 | 501 |
| | Normal | 817 | 557 |
| | Plus 10% | 899 | 613 |
| C | Minus 10% | 906 | 626 |
| | Normal | 1,007 | 696 |
| | Plus 10% | 1,108 | 766 |
| D | Minus 10% | 1,091 | 729 |
| | Normal | 1,212 | 810 |
| | Plus 10% | 1,333 | 891 |

DM97MC0603BNA
HEATING SPEED
 (@ .1" - .5" w.c. ESP; RISE RANGE: 25 - 55°F)

| TAP | ADJUST | HIGH-STAGE CFM | RISE (°F) |
|-----|-----------|----------------|-----------|
| A | Minus 10% | 858 | n/a |
| | Normal | 953 | n/a |
| | Plus 10% | 1,048 | 51 |
| B | Minus 10% | 953 | n/a |
| | Normal | 1,059 | 51 |
| | Plus 10% | 1,165 | 46 |
| C | Minus 10% | 1,042 | 52 |
| | Normal | 1,158 | 47 |
| | Plus 10% | 1,274 | 42 |
| D | Minus 10% | 1,134 | 48 |
| | Normal | 1,260 | 43 |
| | Plus 10% | 1,386 | 39 |

DM97MC0803BNA
COOLING SPEED
 (@ .1" - .8" w.c. ESP)

| TAP | ADJUST | HIGH-STAGE CFM | LOW-STAGE CFM |
|-----|-----------|----------------|---------------|
| A | Minus 10% | 566 | 363 |
| | Normal | 629 | 403 |
| | Plus 10% | 692 | 443 |
| B | Minus 10% | 725 | 486 |
| | Normal | 806 | 540 |
| | Plus 10% | 887 | 594 |
| C | Minus 10% | 921 | 635 |
| | Normal | 1,023 | 705 |
| | Plus 10% | 1,125 | 776 |
| D | Minus 10% | 1,107 | 737 |
| | Normal | 1,230 | 819 |
| | Plus 10% | 1,353 | 901 |

DM97MC0803BNA
HEATING SPEED
 (@ .1" - .5" w.c. ESP; RISE RANGE: 30 - 60°F)

| TAP | ADJUST | HIGH-STAGE CFM | RISE (°F) |
|-----|-----------|----------------|-----------|
| A | Minus 10% | 1,082 | n/a |
| | Normal | 1,202 | 60 |
| | Plus 10% | 1,322 | 54 |
| B | Minus 10% | 1,184 | n/a |
| | Normal | 1,316 | 55 |
| | Plus 10% | 1,448 | 50 |
| C | Minus 10% | 1,250 | 57 |
| | Normal | 1,389 | 52 |
| | Plus 10% | 1,528 | 47 |
| D | Minus 10% | 1,256 | 57 |
| | Normal | 1,396 | 51 |
| | Plus 10% | 1,536 | 47 |

DM97MC0804CNA
COOLING SPEED
 (@ .1" - .8" w.c. ESP)

| TAP | ADJUST | HIGH-STAGE CFM | LOW-STAGE CFM |
|-----|-----------|----------------|---------------|
| A | Minus 10% | 710 | 462 |
| | Normal | 789 | 513 |
| | Plus 10% | 868 | 564 |
| B | Minus 10% | 870 | 594 |
| | Normal | 967 | 660 |
| | Plus 10% | 1,064 | 726 |
| C | Minus 10% | 1,064 | 712 |
| | Normal | 1,182 | 791 |
| | Plus 10% | 1,300 | 870 |
| D | Minus 10% | 1,238 | 822 |
| | Normal | 1,375 | 913 |
| | Plus 10% | 1,513 | 1,004 |

DM97MC0804CNA
HEATING SPEED
 (@ .1" - .5" w.c. ESP; RISE RANGE: 25 - 55°F)

| TAP | ADJUST | HIGH-STAGE CFM | RISE (°F) |
|-----|-----------|----------------|-----------|
| A | Minus 10% | 1,105 | n/a |
| | Normal | 1,228 | n/a |
| | Plus 10% | 1,351 | 53 |
| B | Minus 10% | 1,203 | n/a |
| | Normal | 1,337 | 54 |
| | Plus 10% | 1,471 | 49 |
| C | Minus 10% | 1,287 | n/a |
| | Normal | 1,430 | 50 |
| | Plus 10% | 1,573 | 46 |
| D | Minus 10% | 1,364 | 53 |
| | Normal | 1,516 | 47 |
| | Plus 10% | 1,668 | 43 |

NOTES:

- All furnaces ship as high speed for cooling. Installer must adjust blower speed as needed.
 - For most jobs, about 400 CFM per ton when cooling is desirable.
 - Do not operate above .5" w.c. ESP in heating mode.
- INSTALLATION IS TO BE ADJUSTED TO OBTAIN TEMPERATURE RISE WITHIN THE RANGE SPECIFIED ON THE RATING PLATE.

DM97MC1005CNA
COOLING SPEED
 (@ .1" - .8" w.c. ESP)

| TAP | ADJUST | HIGH-STAGE CFM | LOW-STAGE CFM |
|-----|-----------|----------------|---------------|
| A | Minus 10% | 738 | 508 |
| | Normal | 820 | 564 |
| | Plus 10% | 902 | 620 |
| B | Minus 10% | 1,020 | 706 |
| | Normal | 1,133 | 784 |
| | Plus 10% | 1,246 | 862 |
| C | Minus 10% | 1,318 | 884 |
| | Normal | 1,464 | 982 |
| | Plus 10% | 1,610 | 1,080 |
| D | Minus 10% | 1,562 | 1,133 |
| | Normal | 1,736 | 1,259 |
| | Plus 10% | 1,910 | 1,385 |

DM97MC1005CNA
HEATING SPEED
 (@ .1" - .5" w.c. ESP; RISE RANGE: 35 - 65°F)

| TAP | ADJUST | HIGH-STAGE CFM | RISE (°F) |
|-----|-----------|----------------|-----------|
| A | Minus 10% | 1,636 | 55 |
| | Normal | 1,818 | 49 |
| | Plus 10% | 2,000 | 45 |
| B | Minus 10% | 1,683 | 53 |
| | Normal | 1,870 | 48 |
| | Plus 10% | 2,057 | 44 |
| C | Minus 10% | 1,719 | 52 |
| | Normal | 1,910 | 47 |
| | Plus 10% | 2,101 | 43 |
| D | Minus 10% | 1,761 | 51 |
| | Normal | 1,957 | 46 |
| | Plus 10% | 2,153 | 42 |

DM97MC1205DNA
COOLING SPEED
 (@ .1" - .8" w.c. ESP)

| TAP | ADJUST | HIGH-STAGE CFM | LOW-STAGE CFM |
|-----|-----------|----------------|---------------|
| A | Minus 10% | 780 | 492 |
| | Normal | 867 | 547 |
| | Plus 10% | 954 | 602 |
| B | Minus 10% | 1,044 | 748 |
| | Normal | 1,160 | 831 |
| | Plus 10% | 1,276 | 914 |
| C | Minus 10% | 1,320 | 918 |
| | Normal | 1,467 | 1,020 |
| | Plus 10% | 1,614 | 1,122 |
| D | Minus 10% | 1,719 | 1,150 |
| | Normal | 1,910 | 1,278 |
| | Plus 10% | 2,101 | 1,406 |

DM97MC1205DNA
HEATING SPEED
 (@ .1" - .5" w.c. ESP; RISE RANGE: 35 - 65°F)

| TAP | ADJUST | HIGH-STAGE CFM | RISE (°F) |
|-----|-----------|----------------|-----------|
| A | Minus 10% | 1,702 | 63 |
| | Normal | 1,891 | 57 |
| | Plus 10% | 2,080 | 52 |
| B | Minus 10% | 1,746 | 62 |
| | Normal | 1,940 | 56 |
| | Plus 10% | 2,134 | 51 |
| C | Minus 10% | 1,771 | 61 |
| | Normal | 1,968 | 55 |
| | Plus 10% | 2,165 | 50 |
| D | Minus 10% | 1,825 | 59 |
| | Normal | 2,028 | 53 |
| | Plus 10% | 2,231 | 48 |

NOTES

- All furnaces ship as high speed for cooling. Installer must adjust blower speed as needed.
- For most jobs, about 400 CFM per ton when cooling is desirable.
- INSTALLATION IS TO BE ADJUSTED TO OBTAIN TEMPERATURE RISE WITHIN THE RANGE SPECIFIED ON THE RATING PLATE.

DC97MC0603BNA
COOLING SPEED
 (@ .1" - .8" w.c. ESP)

| TAP | ADJUST | HIGH-STAGE CFM | LOW-STAGE CFM |
|-----|-----------|----------------|---------------|
| A | Minus 10% | 590 | 390 |
| | Normal | 656 | 433 |
| | Plus 10% | 722 | 476 |
| B | Minus 10% | 711 | 487 |
| | Normal | 790 | 541 |
| | Plus 10% | 869 | 595 |
| C | Minus 10% | 875 | 617 |
| | Normal | 972 | 686 |
| | Plus 10% | 1,069 | 755 |
| D | Minus 10% | 1,076 | 725 |
| | Normal | 1,195 | 806 |
| | Plus 10% | 1,315 | 887 |

DC97MC0603BNA
HEATING SPEED
 (@ .1" - .5" w.c. ESP; RISE RANGE: 35 - 65°F)

| TAP | ADJUST | HIGH-STAGE CFM | RISE (°F) |
|-----|-----------|----------------|-----------|
| A | Minus 10% | 844 | 64 |
| | Normal | 938 | 57 |
| | Plus 10% | 1,032 | 52 |
| B | Minus 10% | 855 | 63 |
| | Normal | 950 | 57 |
| | Plus 10% | 1,045 | 52 |
| C | Minus 10% | 887 | 61 |
| | Normal | 986 | 55 |
| | Plus 10% | 1,085 | 50 |
| D | Minus 10% | 893 | 60 |
| | Normal | 992 | 54 |
| | Plus 10% | 1,091 | 49 |

DC97MC0803BNA
COOLING SPEED
 (@ .1" - .8" w.c. ESP)

| TAP | ADJUST | HIGH-STAGE CFM | LOW-STAGE CFM |
|-----|-----------|----------------|---------------|
| A | Minus 10% | 562 | 365 |
| | Normal | 624 | 405 |
| | Plus 10% | 686 | 446 |
| B | Minus 10% | 727 | 494 |
| | Normal | 808 | 549 |
| | Plus 10% | 889 | 604 |
| C | Minus 10% | 895 | 610 |
| | Normal | 994 | 678 |
| | Plus 10% | 1,093 | 746 |
| D | Minus 10% | 1,059 | 706 |
| | Normal | 1,177 | 784 |
| | Plus 10% | 1,295 | 862 |

DC97MC0803BNA
HEATING SPEED
 (@ .1" - .5" w.c. ESP; RISE RANGE: 35 - 65°F)

| TAP | ADJUST | HIGH-STAGE CFM | RISE (°F) |
|-----|-----------|----------------|-----------|
| A | Minus 10% | 950 | n/a |
| | Normal | 1,056 | n/a |
| | Plus 10% | 1,162 | 62 |
| B | Minus 10% | 1,031 | n/a |
| | Normal | 1,146 | 63 |
| | Plus 10% | 1,261 | 57 |
| C | Minus 10% | 1,130 | 64 |
| | Normal | 1,256 | 57 |
| | Plus 10% | 1,382 | 52 |
| D | Minus 10% | 1,214 | 59 |
| | Normal | 1,349 | 53 |
| | Plus 10% | 1,484 | 48 |

NOTES

- All furnaces ship as high speed for cooling. Installer must adjust blower speed as needed.
- For most jobs, about 400 CFM per ton when cooling is desirable.
- INSTALLATION IS TO BE ADJUSTED TO OBTAIN TEMPERATURE RISE WITHIN THE RANGE SPECIFIED ON THE RATING PLATE.

DC97MC0804CNA
COOLING SPEED
 (@ .1" - .8" w.c. ESP)

| TAP | ADJUST | HIGH-STAGE CFM | LOW-STAGE CFM |
|-----|-----------|----------------|---------------|
| A | Minus 10% | 753 | 500 |
| | Normal | 837 | 556 |
| | Plus 10% | 921 | 612 |
| B | Minus 10% | 920 | 643 |
| | Normal | 1,022 | 714 |
| | Plus 10% | 1,124 | 785 |
| C | Minus 10% | 1,085 | 754 |
| | Normal | 1,206 | 838 |
| | Plus 10% | 1,327 | 922 |
| D | Minus 10% | 1,328 | 892 |
| | Normal | 1,475 | 991 |
| | Plus 10% | 1,623 | 1,090 |

DC97MC0804CNA
HEATING SPEED
 (@ .1" - .5" w.c. ESP; RISE RANGE: 35 - 65°F)

| TAP | ADJUST | HIGH-STAGE CFM | RISE (°F) |
|-----|-----------|----------------|-----------|
| A | Minus 10% | 1,111 | 65 |
| | Normal | 1,234 | 58 |
| | Plus 10% | 1,357 | 53 |
| B | Minus 10% | 1,193 | 60 |
| | Normal | 1,325 | 54 |
| | Plus 10% | 1,458 | 49 |
| C | Minus 10% | 1,298 | 55 |
| | Normal | 1,442 | 50 |
| | Plus 10% | 1,586 | 45 |
| D | Minus 10% | 1,375 | 52 |
| | Normal | 1,528 | 47 |
| | Plus 10% | 1,681 | 43 |

DC97MC1005CNA
COOLING SPEED
 (@ .1" - .8" w.c. ESP)

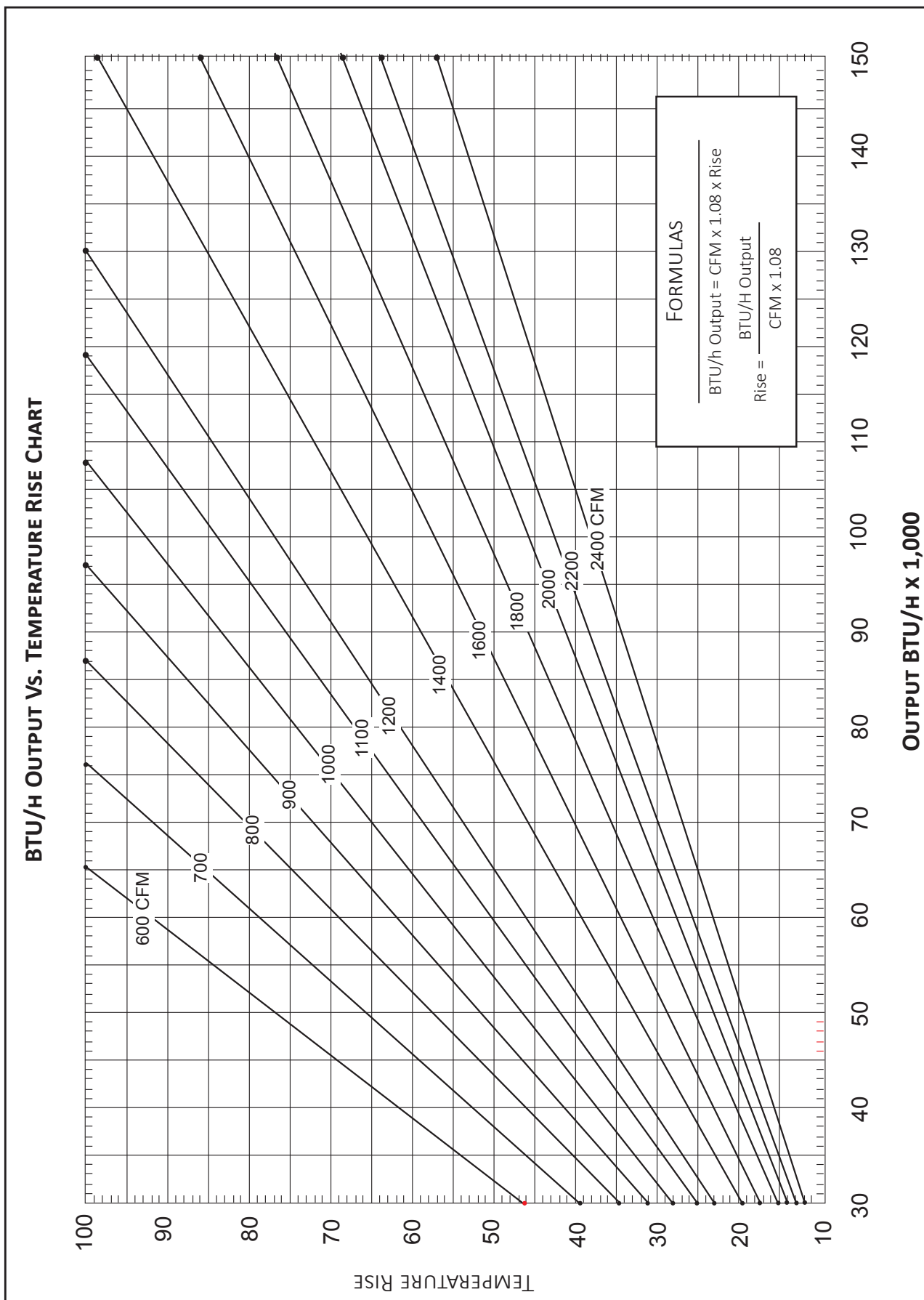
| TAP | ADJUST | HIGH-STAGE CFM | LOW-STAGE CFM |
|-----|-----------|----------------|---------------|
| A | Minus 10% | 706 | 472 |
| | Normal | 784 | 524 |
| | Plus 10% | 862 | 576 |
| B | Minus 10% | 970 | 670 |
| | Normal | 1,078 | 744 |
| | Plus 10% | 1,186 | 818 |
| C | Minus 10% | 1,249 | 834 |
| | Normal | 1,388 | 927 |
| | Plus 10% | 1,527 | 1,020 |
| D | Minus 10% | 1,589 | 1,067 |
| | Normal | 1,766 | 1,185 |
| | Plus 10% | 1,943 | 1,304 |

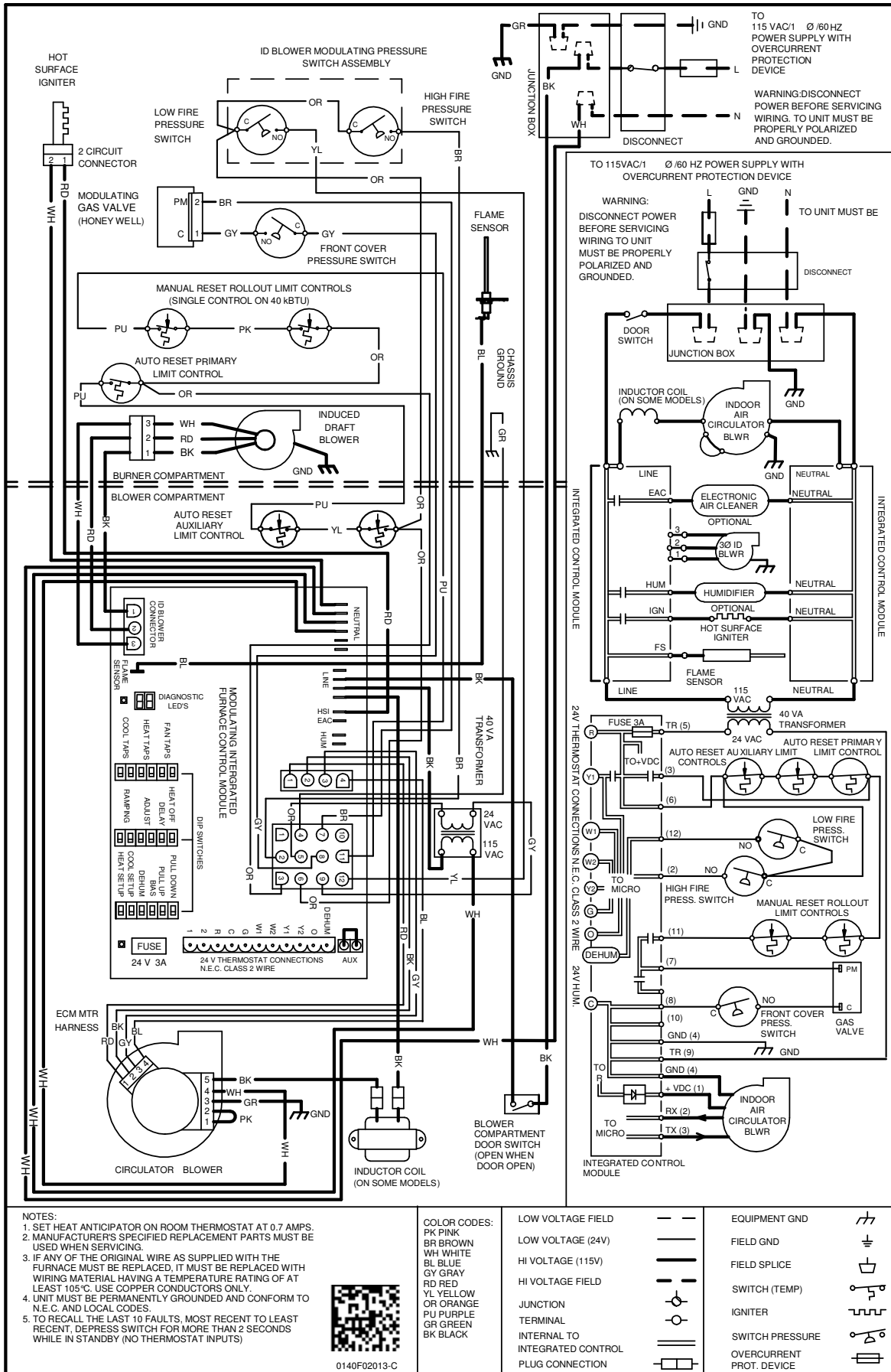
DC97MC1005CNA
HEATING SPEED
 (@ .1" - .5" w.c. ESP; RISE RANGE: 35 - 65°F)

| TAP | ADJUST | HIGH-STAGE CFM | RISE (°F) |
|-----|-----------|----------------|-----------|
| A | Minus 10% | 1,583 | 57 |
| | Normal | 1,759 | 51 |
| | Plus 10% | 1,935 | 46 |
| B | Minus 10% | 1,617 | 56 |
| | Normal | 1,797 | 50 |
| | Plus 10% | 1,977 | 45 |
| C | Minus 10% | 1,656 | 54 |
| | Normal | 1,840 | 49 |
| | Plus 10% | 2,024 | 44 |
| D | Minus 10% | 1,693 | 53 |
| | Normal | 1,881 | 48 |
| | Plus 10% | 2,069 | 43 |

NOTES

- All furnaces ship as high speed for cooling. Installer must adjust blower speed as needed.
- For most jobs, about 400 CFM per ton when cooling is desirable.
- INSTALLATION IS TO BE ADJUSTED TO OBTAIN TEMPERATURE RISE WITHIN THE RANGE SPECIFIED ON THE RATING PLATE.





- NOTES:**
1. SET HEAT ANTICIPATOR ON ROOM THERMOSTAT AT 0.7 AMPS.
 2. MANUFACTURER'S SPECIFIED REPLACEMENT PARTS MUST BE USED WHEN SERVICING.
 3. IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE FURNACE MUST BE REPLACED, IT MUST BE REPLACED WITH WIRING MATERIAL HAVING A TEMPERATURE RATING OF AT LEAST 105°C. USE COPPER CONDUCTORS ONLY.
 4. UNIT MUST BE PERMANENTLY GROUNDED AND CONFORM TO N.E.C. AND LOCAL CODES.
 5. TO RECALL THE LAST 10 FAULTS, MOST RECENT TO LEAST RECENT, DEPRESS SWITCH FOR MORE THAN 2 SECONDS WHILE IN STANDBY (NO THERMOSTAT INPUTS)



COLOR CODES:

- PK PINK
- BR BROWN
- WH WHITE
- BL BLUE
- GY GRAY
- RD RED
- YL YELLOW
- OR ORANGE
- PU PURPLE
- GR GREEN
- BK BLACK

| | |
|--------------------------------|-----|
| LOW VOLTAGE FIELD | --- |
| LOW VOLTAGE (24V) | — |
| HI VOLTAGE (115V) | — |
| HI VOLTAGE FIELD | — |
| JUNCTION | ⊕ |
| TERMINAL | ○ |
| INTERNAL TO INTEGRATED CONTROL | — |
| PLUG CONNECTION | — |

| | |
|--------------------------|---|
| EQUIPMENT GND | ⊕ |
| FIELD GND | ⊕ |
| FIELD SPLICE | ⊕ |
| SWITCH (TEMP) | ⊕ |
| IGNITER | ⊕ |
| SWITCH PRESSURE | ⊕ |
| OVERCURRENT PROT. DEVICE | ⊕ |

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

ACCESSORIES

| MODEL | DESCRIPTION | DM97MC 0603BN | DM97MC 0803BN | DM97MC 0804CN | DM97MC 1005CN | DM97MC 1205DN |
|--------------------|---|------------------|------------------|------------------|------------------|------------------|
| Daikin <i>One+</i> | Daikin Communicating Thermostat | √ | √ | √ | √ | √ |
| 72950 | Concentric Vent Kit (2") | √ | √ | √ | √ | — |
| 72951 | Concentric Vent Kit (3") | √ | √ | √ | √ | √ |
| RF000142 | Drain Kit Horizontal Left Vertical Flue | √ | √ | √ | √ | √ |
| EFR02 | External Filter Rack with 16"x25" Permanent Filter | √ | √ | √ | √ | √ |
| 0170K00000S | Flush Mount Vent Kit - 3" or 2" | √ | √ | √ | √ | √ |
| 0170K00001S | Flush Mount Vent Kit - 2" | √ | √ | √ | √ | — |
| AFE18-60A | Fossil Fuel (Dual Fuel) Kit | √ | √ | √ | √ | √ |
| 0270F05404 | Horizontal Drain Tubing Kit | √ | √ | √ | √ | √ |
| LPLP03 | Low LP Gas Pressure Switch | √ | √ | √ | √ | √ |
| LPM-09 | LP Conversion Kits | √ | √ | √ | √ | √ |

NOTES

- √ Indicates available for this model
- For installation in Canada, gas furnaces are certified only to 4,500'.

| MODEL | DESCRIPTION | DC97MC 0603BN | DC97MC 0803BN | DC97MC 0804CN | DC97MC 1005CN |
|--------------------|---------------------------------|------------------|------------------|------------------|------------------|
| Daikin <i>One+</i> | Daikin Communicating Thermostat | √ | √ | √ | √ |
| 72950 | Concentric Vent Kit (2") | √ | √ | √ | √ |
| 72951 | Concentric Vent Kit (3") | √ | √ | √ | √ |
| CFSB17 | Downflow Sub-Base 17.5" | √ | √ | — | — |
| CFSB21 | Downflow Sub-Base 21" | — | — | √ | √ |
| 0170K00000S | Flush Mount Vent Kit - 3" or 2" | √ | √ | √ | √ |
| 0170K00001S | Flush Mount Vent Kit - 2" | √ | √ | √ | √ |
| AFE18-60A | Fossil Fuel (Dual Fuel) Kit | √ | √ | √ | √ |
| 0270F05405 | Horizontal Drain Tubing Kit | √ | √ | √ | √ |
| LPLP03 | Low LP Gas Pressure Switch | √ | √ | √ | √ |
| LPM-09 | LP Conversion Kits | √ | √ | √ | √ |

NOTES

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- For installation in Canada, gas furnaces are certified only to 4,500'.