

FEATURES

- Up to 11.2 EER cooling efficiency
- Completely self-contained heating and cooling package
 - No outside condensing unit
 - No external refrigerant lines
 - No separate cooling coil
 - No separate venting system
- Pre-wired and pre-charged
- Individually metered and controlled
- Easy service access
- Louver color options to match building facade
- Internal vent system (direct vent)

REFRIGERANT SYSTEM

- High efficiency compressor
- Copper tubing with enhanced fin coils

HEAT EXCHANGER

- Standard aluminized steel heat exchanger
- Optional 409 stainless steel heat exchanger

CABINET

- Fully insulated cabinet for quiet operation

BLOWER

- Four-speed permanently lubricated motor for low maintenance, maximum efficiency and wide airflow range
- PSC permanently lubricated motor for low maintenance and maximum efficiency
- Dynamically balanced blower with resilient motor mounts for smooth and quiet operation
- Internal washable filter

CONTROLS

- Color coded wiring for easy service
- Fuse protection on 24V circuit

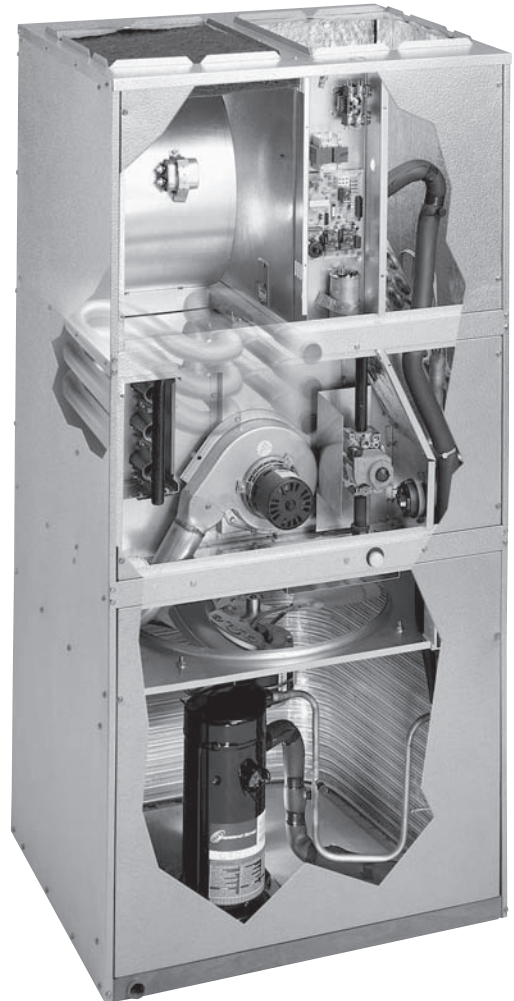
INSTALLATION

- Easy to install and service
- Louver mounts flush to outside wall

WARRANTY

- 5 year limited warranty on all parts
- 10 year non-pro rated warranty on aluminized heat exchanger
- 20 year pro-rated warranty on stainless steel heat exchanger

MGE



Model Number Guide

| | 36 | M | GE | 10 | B | 18 | N - A | 1 | |
|------------------------------------------------------------------------------------|----|---|----|----|---|----|-------|---|----------------------------------------------------------------------------------------------------------|
| Rated Input - BTU/HR x 1,000 36-36,000 Btuh 48-48,000 Btuh 60-60,000 Btuh | | | | | | | | | Revision Code |
| Magic-Pak | | | | | | | | | A - 208/230v/60hz/1 N - 409 Stainless Steel Heat Exchanger |
| GE - Gas/Electric | | | | | | | | | L - Low NOx |
| 10 - Standard Efficiency 12 - High Efficiency | | | | | | | | | Nominal Cooling Capacity 12 - 12,000 Btuh 18 - 18,000 Btuh 24 - 24,000 Btuh 30 - 30,000 Btuh |
| | | | | | | | | | Series |

Electrical and Physical Data

| Model | Voltage/ Hz/ Phase | Voltage Range | Min. Circuit (amps) | Max. Fuse/ HACR Brkr. | Compressor | | Outside Fan | | | | Indoor Blower | | | R22 Refrig. Charge (oz.) | Weight (lbs.) |
|------------|-----------------------|------------------|---------------------------|--------------------------------|-----------------------|-------------------------|---------------|-------------|---------------------------------|-------------|---------------------------------|-----------------------|-------------|-----------------------------------|------------------|
| | | | | | Rated Load Amps | Locked Rotor Amps | Dia. (in.) | Nom. RPM | Rated Load Amps (amps) | Rated HP | Wheel dia x wid. (in.) | Rated Load Amps | Rated HP | | |
| 36MGE10B12 | 208-230/60/1 | 197 - 253 | 8.7 | 15 | 4.7 | 27.0 | 18 | 1075 | 0.9 | 1/8 | 9 x 7 | 1.9 | 1/3 | 42 | 220 |
| 36MGE10B18 | 208-230/60/1 | 197 - 253 | 14.4 | 20 | 9.0 | 41.0 | 18 | 1075 | 0.9 | 1/8 | 9 x 7 | 1.9 | 1/3 | 38 | 250 |
| 48MGE10B18 | | | | | | | | | | | | | | | |
| 60MGE10B18 | | | | | | | | | | | | | | | |
| 36MGE10B24 | 208-230/60/1 | 197 - 253 | 17.2 | 25 | 10.9 | 54.0 | 18 | 1075 | 0.9 | 1/8 | 10 x 6 | 2.7 | 1/2 | 51 | 275 |
| 48MGE10B24 | | | | | | | | | | | | | | | |
| 60MGE10B24 | | | | | | | | | | | | | | | |
| 36MGE10B30 | 208-230/60/1 | 197 - 253 | 22.1 | 30 | 14.2 | 73.0 | 18 | 1075 | 1.6 | 1/4 | 10 x 6 | 2.7 | 1/2 | 59 | 275 |
| 48MGE10B30 | | | | | | | | | | | | | | | |
| 60MGE10B30 | | | | | | | | | | | | | | | |
| 36MGE12A18 | 208-230/60/1 | 197 - 253 | 14.1 | 20 | 9.0 | 41.0 | 18 | 1075 | 0.9 | 1/8 | 9 x 7 | 1.9 | 1/3 | 75 | 275 |
| 48MGE12A18 | | | | | | | | | | | | | | | |
| 60MGE12A18 | | | | | | | | | | | | | | | |
| 36MGE12A24 | 208-230/60/1 | 197 - 253 | 17.2 | 25 | 10.9 | 54.0 | 18 | 1075 | 0.9 | 1/8 | 10 x 6 | 2.7 | 1/2 | 84 | 275 |
| 48MGE12A24 | | | | | | | | | | | | | | | |
| 60MGE12A24 | | | | | | | | | | | | | | | |
| 36MGE12A30 | 208-230/60/1 | 197 - 253 | 21.2 | 30 | 13.5 | 72.5 | 18 | 1075 | 1.6 | 1/4 | 10 x 6 | 2.7 | 1/2 | 92 | 300 |
| 48MGE12A30 | | | | | | | | | | | | | | | |
| 60MGE12A30 | | | | | | | | | | | | | | | |

Blower Performance

| Model | Blower Speed | CFM @ ext. static pressure - in. w.c. with filter | | | | |
|----------|--------------|---------------------------------------------------|------|------|-----|-----|
| | | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 |
| MGE10B12 | Low | 520 | 495 | 470 | 430 | 370 |
| | Medium Low | 685 | 655 | 600 | 540 | 490 |
| | Medium High | 755 | 715 | 660 | 595 | 610 |
| | High | 815 | 770 | 710 | 640 | 575 |
| MGE10B18 | Low | 500 | 470 | 435 | 390 | 370 |
| | Medium Low | 670 | 640 | 575 | 520 | 460 |
| | Medium High | 750 | 690 | 645 | 575 | 490 |
| | High | 795 | 740 | 680 | 616 | 535 |
| MGE10B24 | Low | 650 | 630 | 610 | 580 | 550 |
| | Medium Low | 945 | 900 | 860 | 810 | 775 |
| | Medium High | 1010 | 960 | 910 | 870 | 800 |
| | High | 1090 | 1030 | 980 | 930 | 880 |
| MGE10B30 | Low | 640 | 620 | 600 | 575 | 540 |
| | Medium Low | 940 | 890 | 860 | 820 | 785 |
| | Medium High | 1000 | 960 | 910 | 875 | 820 |
| | High | 1110 | 1060 | 1010 | 960 | 915 |
| MGE12A18 | Low | 500 | 470 | 435 | 390 | 370 |
| | Medium Low | 670 | 640 | 575 | 520 | 460 |
| | Medium High | 750 | 690 | 645 | 575 | 490 |
| | High | 795 | 740 | 680 | 616 | 535 |
| MGE12A24 | Low | 630 | 610 | 590 | 560 | 520 |
| | Medium Low | 905 | 870 | 830 | 780 | 735 |
| | Medium High | 955 | 905 | 860 | 815 | 770 |
| | High | 1040 | 990 | 935 | 890 | 835 |
| MGE12A30 | Low | 640 | 620 | 600 | 575 | 540 |
| | Medium Low | 940 | 890 | 860 | 820 | 785 |
| | Medium High | 1000 | 960 | 910 | 875 | 820 |
| | High | 1110 | 1060 | 1010 | 960 | 915 |

Performance

| Model | Cooling | | | CFM | Heating | | |
|------------|---------|-------|-----|------|---------|--------|------|
| | Btuh | EER | S/T | | Input | Output | AFUE |
| | | | | | Btuh | Btuh | |
| 36MGE10B12 | 12,000 | 10.00 | .72 | 400 | 36,000 | 28,800 | 80% |
| 36MGE10B18 | 18,000 | 10.00 | .73 | 600 | 36,000 | 28,800 | 80% |
| 48MGE10B18 | | | | | 48,000 | 38,400 | |
| 60MGE10B18 | | | | | 60,000 | 48,000 | |
| 36MGE10B24 | 23,000 | 9.60 | .72 | 800 | 36,000 | 28,800 | 80% |
| 48MGE10B24 | | | | | 48,000 | 38,400 | |
| 60MGE10B24 | | | | | 60,000 | 48,000 | |
| 36MGE10B30 | 30,000 | 9.50 | .72 | 1000 | 36,000 | 28,800 | 80% |
| 48MGE10B30 | | | | | 48,000 | 38,400 | |
| 60MGE10B30 | | | | | 60,000 | 48,000 | |
| 36MGE12A18 | 18,000 | 11.20 | .74 | 600 | 36,000 | 28,800 | 80% |
| 48MGE12A18 | | | | | 48,000 | 38,400 | |
| 60MGE12A18 | | | | | 60,000 | 48,000 | |
| 36MGE12A24 | 23,800 | 10.80 | .75 | 800 | 36,000 | 28,800 | 80% |
| 48MGE12A24 | | | | | 48,000 | 38,400 | |
| 60MGE12A24 | | | | | 60,000 | 48,000 | |
| 36MGE12A30 | 29,000 | 10.20 | .72 | 1000 | 36,000 | 28,800 | 80% |
| 48MGE12A30 | | | | | 48,000 | 38,400 | |
| 60MGE12A30 | | | | | 60,000 | 48,000 | |

Sound Ratings

| Model | Sound Rating (dBA) |
|------------|--------------------|
| 36MGE10B12 | 72 |
| 36MGE10B18 | 72 |
| 48MGE10B18 | |
| 60MGE10B18 | |
| 36MGE10B24 | 74 |
| 48MGE10B24 | |
| 60MGE10B24 | |
| 36MGE10B30 | 76 |
| 48MGE10B30 | |
| 60MGE10B30 | |

| Model | Sound Rating (dBA) |
|------------|--------------------|
| 36MGE12A18 | 74 |
| 48MGE12A18 | |
| 60MGE12A18 | |
| 36MGE12A24 | 74 |
| 48MGE12A24 | |
| 60MGE12A24 | |
| 36MGE12A30 | 76 |
| 48MGE12A30 | |
| 60MGE12A30 | |

Cooling Performance Extended Ratings

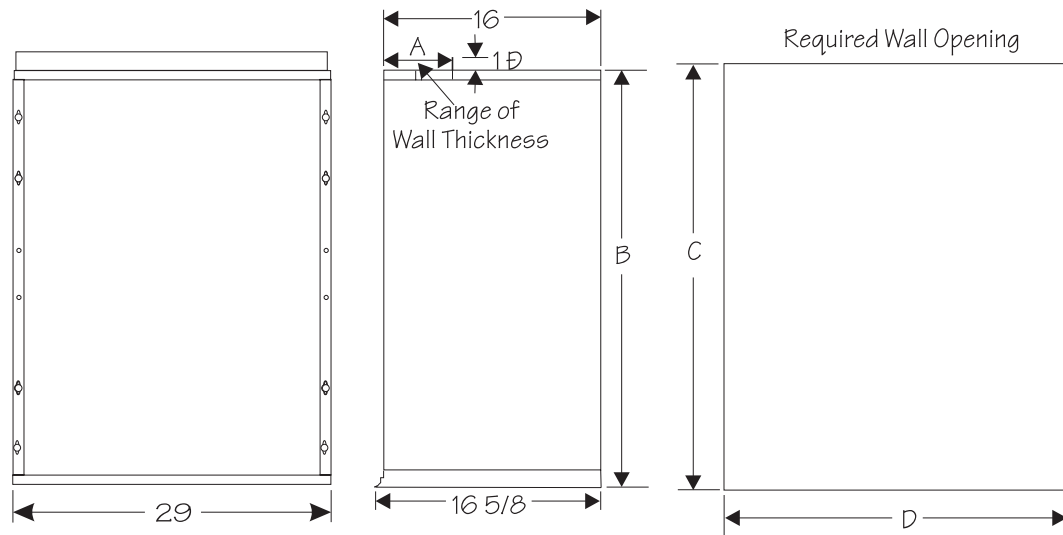
| Model | Indoor Temp DB/WB °F | Outdoor Temperature - DB °F | | | | | | | | | | | | | | |
|----------|----------------------------|-----------------------------|-----|------|--------|-----|------|--------|-----|------|--------|-----|------|--------|-----|------|
| | | 65 | | | 85 | | | 95 | | | 105 | | | 115 | | |
| | | Btuh | S/T | kW | Btuh | S/T | kW | Btuh | S/T | kW | Btuh | S/T | kW | Btuh | S/T | kW |
| MGE10B12 | 85/72 | 13,400 | .58 | .92 | 13,100 | .60 | 1.09 | 12,600 | .61 | 1.20 | 12,200 | .64 | 1.28 | 11,800 | .66 | 1.36 |
| | 80/67 | 12,800 | .66 | .92 | 13,000 | .69 | 1.08 | 12,000 | .72 | 1.20 | 11,200 | .74 | 1.28 | 10,500 | .76 | 1.36 |
| | 75/63 | 12,400 | .69 | .91 | 12,000 | .73 | 1.05 | 11,200 | .75 | 1.15 | 10,500 | .77 | 1.24 | 9,800 | .79 | 1.32 |
| MGE10B18 | 85/72 | 21,600 | .62 | 1.55 | 21,000 | .64 | 1.79 | 19,800 | .66 | 1.95 | 18,700 | .69 | 2.12 | 17,600 | .71 | 2.29 |
| | 80/67 | 20,200 | .70 | 1.52 | 19,400 | .72 | 1.76 | 18,000 | .73 | 1.90 | 16,900 | .77 | 2.11 | 15,800 | .80 | 2.27 |
| | 75/63 | 19,300 | .74 | 1.51 | 18,300 | .76 | 1.73 | 16,800 | .77 | 1.88 | 15,600 | .80 | 2.06 | 14,300 | .83 | 2.23 |
| MGE10B24 | 85/72 | 30,200 | .56 | 1.93 | 28,700 | .58 | 2.31 | 26,400 | .60 | 2.56 | 24,000 | .63 | 2.81 | 21,600 | .66 | 3.06 |
| | 80/67 | 27,900 | .65 | 1.90 | 25,000 | .68 | 2.32 | 23,000 | .72 | 2.52 | 20,800 | .75 | 2.75 | 18,600 | .78 | 3.00 |
| | 75/63 | 26,100 | .67 | 1.88 | 24,000 | .71 | 2.23 | 20,800 | .74 | 2.46 | 18,700 | .77 | 2.71 | 16,500 | .79 | 2.95 |
| MGE10B30 | 85/72 | 35,800 | .59 | 2.55 | 25,000 | .61 | 3.02 | 33,500 | .62 | 3.33 | 31,800 | .64 | 3.67 | 30,000 | .66 | 4.01 |
| | 80/67 | 34,200 | .66 | 2.54 | 32,500 | .68 | 2.96 | 30,000 | .72 | 3.26 | 28,300 | .74 | 3.60 | 26,600 | .77 | 3.94 |
| | 75/63 | 32,800 | .69 | 2.52 | 31,000 | .72 | 2.94 | 28,200 | .74 | 3.22 | 26,200 | .76 | 3.52 | 24,100 | .78 | 3.81 |
| MGE12A18 | 85/72 | 22,000 | .63 | 1.30 | 21,200 | .65 | 1.50 | 20,100 | .67 | 1.63 | 19,200 | .68 | 1.78 | 18,200 | .69 | 1.93 |
| | 80/67 | 20,600 | .71 | 1.27 | 19,400 | .73 | 1.47 | 18,000 | .74 | 1.61 | 17,300 | .76 | 1.76 | 16,500 | .77 | 1.90 |
| | 75/63 | 19,600 | .75 | 1.25 | 18,600 | .77 | 1.44 | 17,100 | .78 | 1.56 | 16,100 | .79 | 1.72 | 15,000 | .80 | 1.87 |
| MGE12A24 | 85/72 | 30,500 | .64 | 1.79 | 29,100 | .66 | 2.07 | 27,000 | .67 | 2.26 | 25,600 | .69 | 2.47 | 24,100 | .71 | 2.67 |
| | 80/67 | 27,800 | .71 | 1.75 | 26,000 | .73 | 2.00 | 23,800 | .75 | 2.20 | 22,900 | .77 | 2.43 | 22,000 | .79 | 2.66 |
| | 75/63 | 26,000 | .75 | 1.74 | 24,600 | .77 | 2.00 | 22,600 | .79 | 2.18 | 21,400 | .81 | 2.41 | 20,200 | .83 | 2.63 |
| MGE12A30 | 85/72 | 37,800 | .61 | 2.20 | 35,600 | .63 | 2.60 | 32,200 | .64 | 2.86 | 30,400 | .66 | 3.15 | 28,500 | .67 | 3.43 |
| | 80/67 | 34,200 | .69 | 2.18 | 31,500 | .69 | 2.54 | 29,000 | .72 | 2.84 | 27,200 | .74 | 3.14 | 25,400 | .76 | 3.44 |
| | 75/63 | 31,800 | .71 | 2.17 | 29,800 | .73 | 2.55 | 26,800 | .75 | 2.81 | 24,900 | .78 | 3.10 | 23,000 | .80 | 3.38 |

Accessories

| Description | Kit Number | Where Used |
|--------------------------------------------------|--------------------|---------------------------------------|
| Polypropylene Louver Kit (White) | ALVRPWHTMGE-1 | MGE10-12 thru 30/MGE12 18 thru 24 |
| Polypropylene Louver Kit (White) | ALVRPWHTMGE-2 | MGE12-30 |
| Polypropylene Louver Kit (Sandstone) | ALVRPSANMGE-1 | MGE10-12 thru 30/MGE12 18 thru 24 |
| Polypropylene Louver Kit (Sandstone) | ALVRPSANMGE-2 | MMGE12-30 |
| Polypropylene Louver Kit (Beige) | ALVRPBGEMGE-1 | MGE10-12 thru 30/MGE12 18 thru 24 |
| Polypropylene Louver Kit (Beige) | ALVRPBGEMGE-2 | MGE12-30 |
| Polypropylene Louver Kit (Taupestone) | ALVRPTSTMGE-1 | MGE10-12 thru 30/MGE12 18 thru 24 |
| Polypropylene Louver Kit (Taupestone) | ALVRPTSTMGE-2 | MGE12-30 |
| Extuded Aluminum Louver Kit | ALVRAL-1 | MGE10-12 thru 30/MGE12 18 thru 24 |
| Extuded Aluminum Louver Kit | ALVRAL-2 | MGE12-30 |
| Extruded Aluminum Louver Kit (45" height louver) | ALVRAL-3 | All MGE10-12 thru 30/MGE12 18 thru 24 |
| Extruded Aluminum Louver Kit (45" height louver) | ALVRAL-4 | MGE12-30 |
| 2" Wall Sleeve Kit | ASLEEVE2-1 | MGE10-12 thru 30/MGE12 18 thru 24 |
| 2" Wall Sleeve Kit | ASLEEVE2-2 | MGE12-30 |
| 6" Wall Sleeve Kit | ASLEEVE6-1 | MGE10-12 thru 30/MGE12 18 thru 24 |
| 6" Wall Sleeve Kit | ASLEEVE6-2 | MGE12-30 |
| 6" Wall Sleeve for 45" Louver | ASLEEVE6-3 | MGE10-12 thru 30/MGE12 18 thru 24 |
| 6" Wall Sleeve for 45" Louver | ASLEEVE6-4 | MGE12-30 |
| 8" Wall Sleeve Kit | ASLEEVE8-1 | MGE10-12 thru 30/MGE12 18 thru 24 |
| 8" Wall Sleeve Kit | ASLEEVE8-2 | MGE12-30 |
| 8" Wall Sleeve for 45" Louver | ASLEEVE8-3 | MGE10-12 thru 30/MGE12 18 thru 24 |
| 8" Wall Sleeve for 45" Louver | ASLEEVE8-4 | MGE12-30 |
| 10" Wall Sleeve Kit | ASLEEVE10-1 | MGE10-12 thru 30/MGE12 18 thru 24 |
| 10" Wall Sleeve Kit | ASLEEVE10-2 | MGE12-30 |
| 10" Wall Sleeve for 45" Louver | ASLEEVE10-3 | MGE10-12 thru 30/MGE12 18 thru 24 |
| 10" Wall Sleeve for 45" Louver | ASLEEVE10-4 | MGE12-30 |
| 12" Wall Sleeve Kit | ASLEEVE12-1 | MGE10-12 thru 30/MGE12 18 thru 24 |
| 12" Wall Sleeve Kit | ASLEEVE12-2 | MGE12-30 |
| 12" Wall Sleeve for 45" Louver | ASLEEVE12-3 | MGE10-12 thru 30/MGE12 18 thru 24 |
| 12" Wall Sleeve for 45" Louver | ASLEEVE12-4 | MGE12-30 |
| LP Conversion Kit | ALPKT612-1 | All MGE's |
| Outdoor Coil Filter | AFILTMP-1 | All MGE's |
| Wall Sleeve Extension Kit | ASLEEVEXT 4-1, 4-2 | A SLEEVE WALL KITS |

*Thru the wall applications only.

Accessories Dimensions (in.)



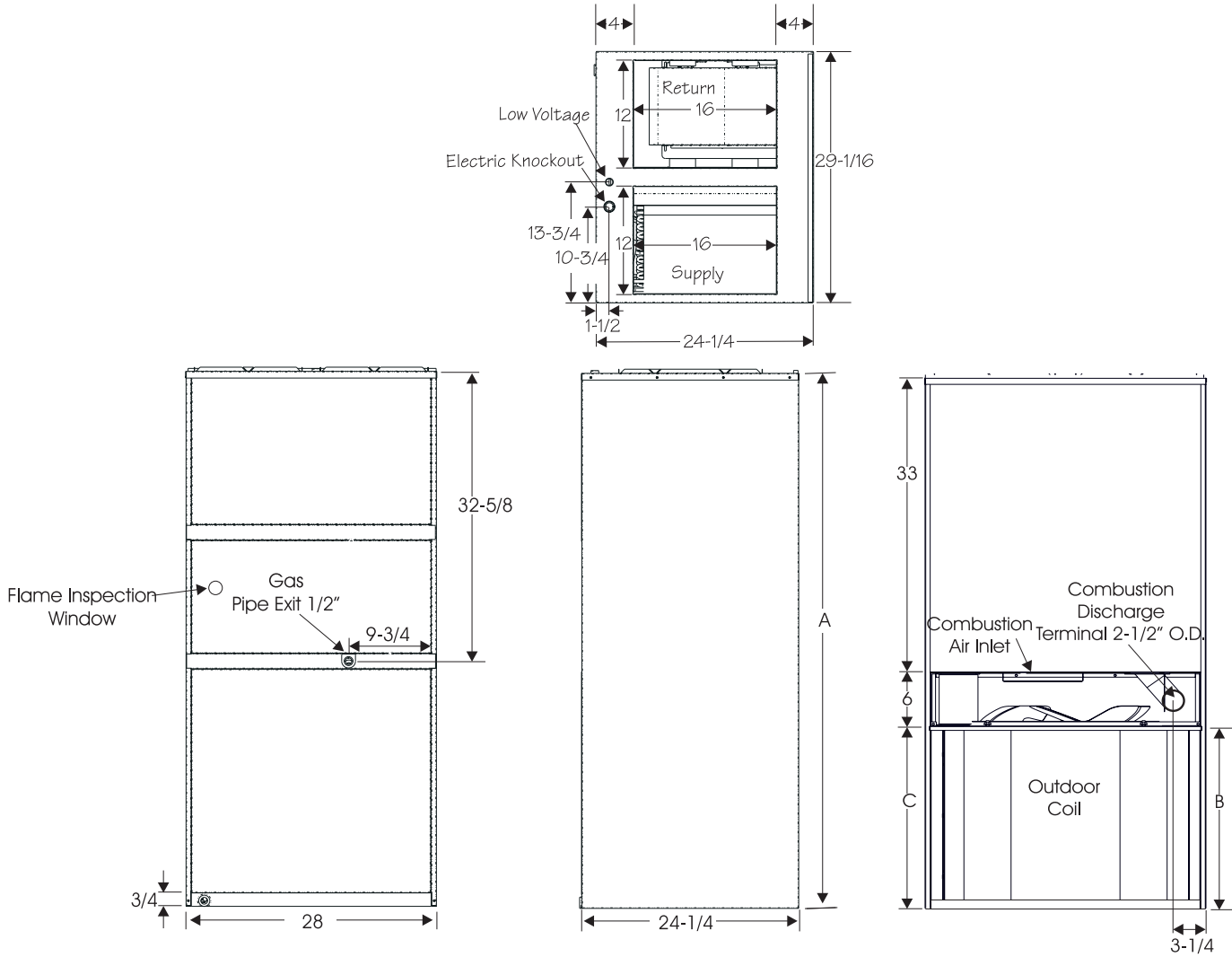
Accessories

| Kit Number | A | B | C | D |
|-------------|----|--------|--------|--------|
| ASLEEVE2-1 | 2 | 29 | 29-1/8 | 29-1/8 |
| ASLEEVE2-2 | 2 | 32-3/4 | 32-7/8 | 29-1/8 |
| ASLEEVE6-1 | 6 | 29 | 29-1/8 | 29-1/8 |
| ASLEEVE6-2 | 6 | 32-3/4 | 32-7/8 | 29-1/8 |
| ASLEEVE6-3 | 6 | 45 | 45-1/8 | 29-1/8 |
| ASLEEVE6-4 | | | | |
| ASLEEVE8-1 | 8 | 29 | 29-1/8 | 29-1/8 |
| ASLEEVE8-2 | 8 | 32-3/4 | 32-7/8 | 29-1/8 |
| ASLEEVE8-3 | 8 | 45 | 45-1/8 | 29-1/8 |
| ASLEEVE8-4 | | | | |
| ASLEEVE10-1 | 10 | 29 | 29-1/8 | 29-1/8 |
| ASLEEVE10-2 | 10 | 32-3/4 | 32-7/8 | 29-1/8 |
| ASLEEVE10-3 | 10 | 45 | 45-1/8 | 29-1/8 |
| ASLEEVE10-4 | | | | |
| ASLEEVE12-1 | 12 | 29 | 29-1/8 | 29-1/8 |
| ASLEEVE12-2 | 12 | 32-3/4 | 32-7/8 | 29-1/8 |
| ASLEEVE12-3 | 12 | 45 | 45-1/8 | 29-1/8 |
| ASLEEVE12-4 | | | | |
| ASLEEVE-3 | * | 45 | 45-1/8 | 29-1/8 |

*Thru the wall installations only.

Dimensions (in.)

| Model | A | B | C |
|----------|--------|--------|--------|
| MGE10B12 | 57-7/8 | 20-1/2 | 18-5/8 |
| MGE10B18 | | | |
| MGE10B24 | 59-7/8 | 22-1/2 | 20-5/8 |
| MGE10B30 | | | |
| MGE12A18 | | | |
| MGE12A24 | | | |
| MGE12A30 | 64 | 26-1/2 | 24-3/4 |



215 Metropolitan Drive
 West Columbia, SC 29170
 800-448-5872

Product Support 866-282-7257

All specifications and illustrations subject to change without notice and without incurring obligations.