

## APPENDIX F

### Magic-Pak AHU Specifications



# Thru-The-Wall Heating & Cooling Units



[www.magic-pak.com](http://www.magic-pak.com) • 1-866-282-7257

# Designed and built for designers and builders



Simple installation makes Magic-Pak heating and cooling systems compatible with any building design with multi-units. Our combination, through-the-wall units come in a completely self-contained package, eliminating complicated installation procedures associated with conventional systems. Building management is simplified with Magic-Pak systems' reliability and practical maintenance features. Service downtime is minimized, and central-system shutdowns are entirely eliminated. Tenants have the option of convenient individual controls. Building industry professionals such as architects, engineers and builders have been requesting Magic-Pak heating and cooling products for over forty years. We have a proven track record of successful and innovative products that keep customers satisfied. Magic-Pak units are well designed and prove that multi-unit heating and cooling can be simple, easy and reliable.

## G A S A L T E R N A T I V E

### Magic-Pak Advantages

The MGE, MCE and MHP Magic-Pak units boast an extensive array of features and product innovations, and offer many valuable benefits to your customers:

- Unobtrusive design – small footprint and wall-opening requirement
- Low operating sound levels
- Standard and high-efficiency cooling models
- Wide variety of louver colors – with custom colors available
- Robust heating, cooling and air-side performance
- Antimicrobial insulation in air handling compartment (MCE & MHP)
- Fully insulated cabinet
- Drain connection in chassis base for easy cleaning
- Large access panels – unit is serviced with chassis in place
- Low installed, maintenance and life-cycle costs



### MGE Gas Heating & Electric Cooling

Maximizes energy-cost efficiency in applications where gas is available. Uses only outside air for combustion. Built-in power vent eliminates need for chimney.

### Easy To Install, Simple To Service

Magic-Pak units come pre-wired and pre-charged with refrigerant. Simply place the self-contained combination unit, attach the condensate drain, hook up power and thermostat connections (and gas line on our MGE). There are no complications – no outdoor condenser units, no separate cooling coils, no external refrigerant lines, and no chimneys.

Once they're in place, building managers can virtually forget about them. Maintenance problems practically disappear with the reliable design of Magic-Pak.



## ELECTRIC ALTERNATIVES



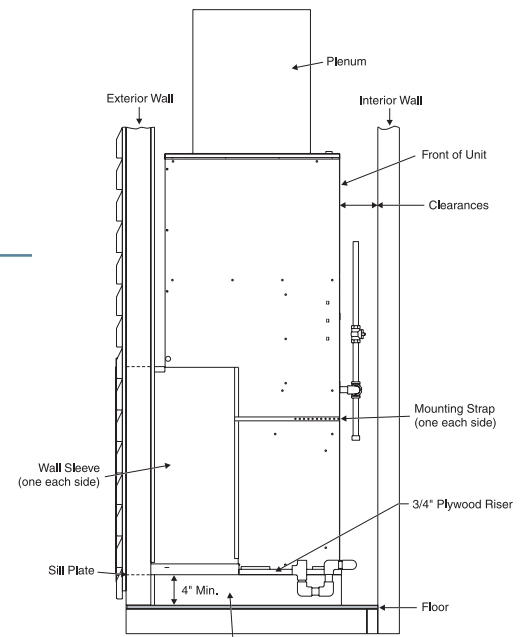
### MCE Electric Heating & Electric Cooling

Provides the best alternative to a heat pump in all-electric applications. A highly efficient design.



### MHP Electric Heat Pump

The energy-efficient option for heating and cooling where gas is not available.



Platform (field supplied) - Must be level with sill plate of hole in exterior wall



# Louvers

Polypropylene or aluminum styles are available in four standard colors, or can be custom-painted to match your exterior.



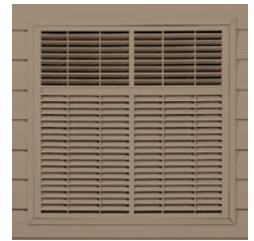
BONE WHITE



SANDSTONE



TAUPESTONE



SURREY BEIGE

## Unit Specifications

Model	MGE	MCE	MHP
Heating Capacities	36 – 48 – 60 Mbtu	3 – 5 – 7 – 10 kW	3 – 5 – 7 – 10 kW
Heating Efficiency	80% AFUE	100% AFUE	3.2 – 3.5 COP 7.2 – 7.6 HSPF
Cooling Capacities (Nominal Tons)	1, 1.5, 2, 2.5	1, 1.5, 2, 2.5	1, 1.5, 2, 2.5
Cooling Efficiency (EER)	9.5 - 11.2	9.4 - 11.2	9.2 - 10.7
Outdoor Sound Power (Decibels)	72 - 76	72 - 76	72 - 76
Air Volume Range (CFM @ .4" ESP)	400 - 1030	400 - 1030	400 - 1030
Wall Opening	29-1/8" W x 29-1/8" H 29-1/8" W x 32-7/8" H	29-1/8" W x 29-1/8" H 29-1/8" W x 32-7/8" H	29-1/8" W x 29-1/8" H 29-1/8" W x 32-7/8" H
Footprint	28-1/16" W x 24-3/8" D x 58-7/8" H 28-1/16" W x 24-3/8" D x 59-7/8" H 28-1/16" W x 24-3/8" D x 64" H	28-1/16" W x 21-1/2" D x 43-7/8" H 28-1/16" W x 24-3/8" D x 47-13/16" H 28-1/16" W x 24-3/8" D x 55-13/16" H	28-1/16" W x 21-1/2" D x 43-7/8" H 28-1/16" W x 24-3/8" D x 47-13/16" H 28-1/16" W x 24-3/8" D x 55-13/16" H
Weight	220 - 300 lbs.	165 - 235 lbs.	185 - 255 lbs.
Limited Warranty	5 Year Parts 10 Year Heat Exchanger	5 Year Parts	5 Year Parts

All specifications are subject to change without notice.



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