

## FREE-STAND, TYPE 12, MULTI-DOOR



### INDUSTRY STANDARDS

UL 508A Listed; Type 12; File No. E61997  
cUL Listed per CSA C22.2 No 94; Type 12; File No. E61997

NEMA/EEMAC Type 12  
CSA, File No. 42186, Type 12  
IEC 60529, IP55

### APPLICATION

Enclosures are available with three, four or five doors for housing large control systems in industrial environments.

### SPECIFICATIONS

- 11-gauge steel (.121-inch)
- Seams continuously welded and ground smooth; no holes or knockouts
- Heavy steel back stiffeners maintain flatness and increase rigidity
- Heavy-duty lifting eyes anchored into reinforced top
- Overlapping, gasketed openings on two-door centerposts
- At two-door openings, gasketed overlapping doors eliminate need for centerposts
- Three-point latches operated by padlocking handle
- Concealed, easy-to-remove hinges
- Mechanical interlock standard on each enclosure with right-hand door serving as master door; doors can be closed in any order
- Panel supports
- Large data pocket is high-impact thermoplastic
- Oil-resistant door gasket
- Panel mounting studs
- Available with panels included or panels purchased separately
- Bonding provision on doors
- Provisions for mounting fluorescent lights

### FINISH

Two finishes available: ANSI 61 gray, polyester paint outside and inside; or ANSI 61 polyester paint outside and white polyester paint inside.

### ACCESSORIES

Panels  
PaneLite Enclosure Lights  
Floor Stand Kit  
Spectracool Indoor/Outdoor  
HF Side-Mount Filter Fans  
Steel, Stainless Steel and Non-Metallic Window Kits  
Electric Heaters  
Hol-Sealers Hole Seals  
InterSafe Data Interface Ports, Type 4/4X/12

### NOTES

Please visit our Cooling Selection Tool at <https://coolingtool.nvent.com/index.html> to explore cooling products for your application.

### MODIFICATION AND CUSTOMIZATION

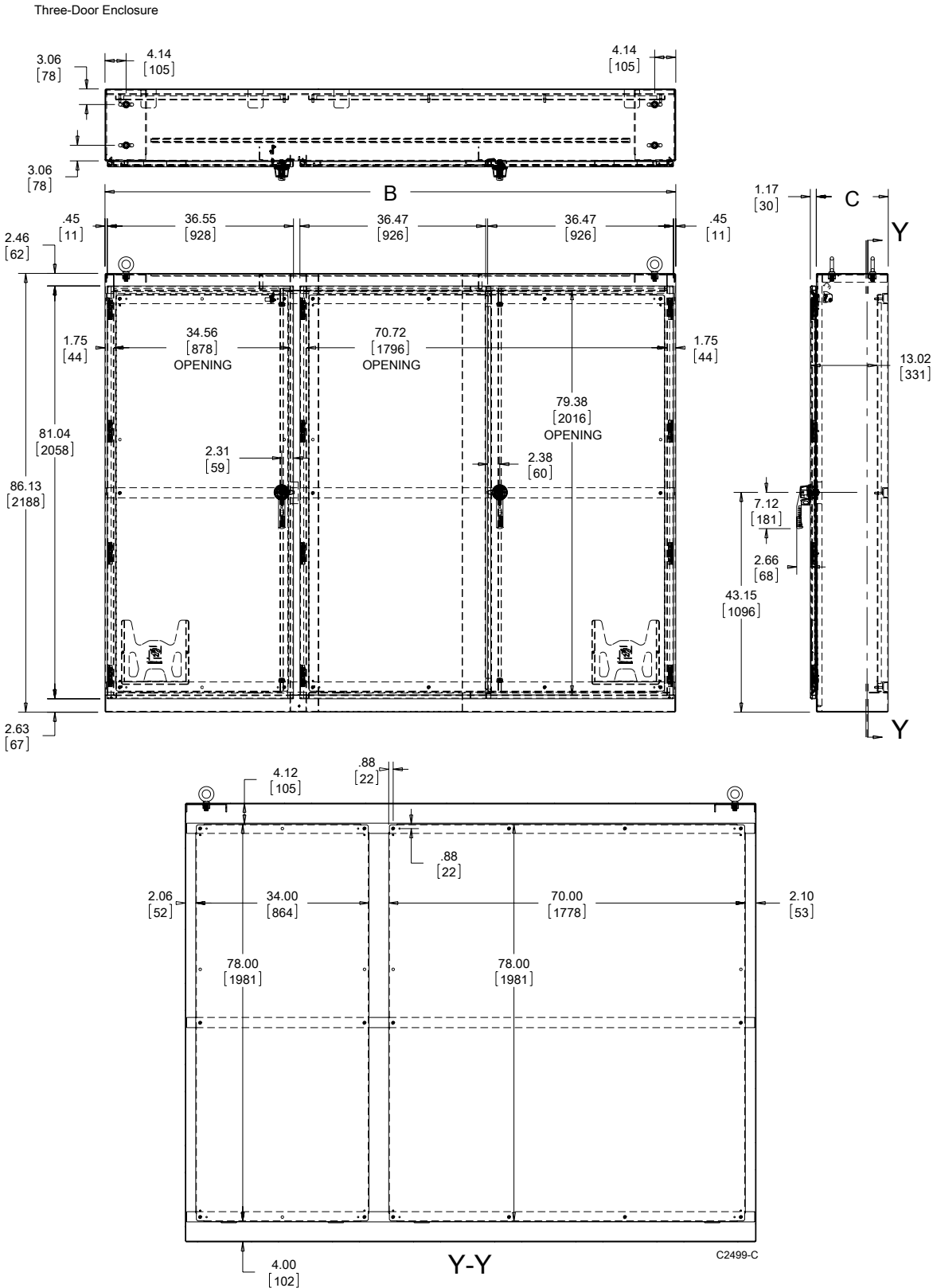
nVent HOFFMAN excels at modifying and customizing products to your specifications. Contact your local nVent HOFFMAN sales office or distributor for complete information.

### BULLETIN: A27

### Standard Product

| Catalog Number | AxBxC in.              | AxBxC mm          | Interior Finish | Number of Doors | Number of Large Panels | Size of Large Panels (in.) | Size of Large Panels (mm) | Number of Small Panels | Size of Small Panels (in.) | Size of Small Panels (mm) | Number of Lifting Eyes |
|----------------|------------------------|-------------------|-----------------|-----------------|------------------------|----------------------------|---------------------------|------------------------|----------------------------|---------------------------|------------------------|
| A86M3EG        | 86.12 x 112.00 x 14.12 | 2187 x 2845 x 359 | Gray            | 3               | 1                      | 78.00 x 70.00              | 1981 x 1778               | 1                      | 78.00 x 34.00              | 1981 x 864                | 4                      |
| A86M3E         | 86.12 x 112.00 x 14.12 | 2187 x 2845 x 359 | White           | 3               | 1                      | 78.00 x 70.00              | 1981 x 1778               | 1                      | 78.00 x 34.00              | 1981 x 864                | 4                      |
| A86M3ELPG      | 86.12 x 112.00 x 14.12 | 2187 x 2845 x 359 | Gray            | 3               | —                      | —                          | —                         | —                      | —                          | —                         | 4                      |
| A86M3ELP       | 86.12 x 112.00 x 14.12 | 2187 x 2845 x 359 | White           | 3               | —                      | —                          | —                         | —                      | —                          | —                         | 4                      |
| A86M4EG        | 86.12 x 149.19 x 14.12 | 2187 x 3789 x 359 | Gray            | 4               | 2                      | 78.00 x 70.00              | 1981 x 1778               | —                      | —                          | —                         | 8                      |
| A86M4E         | 86.12 x 149.19 x 14.12 | 2187 x 3789 x 359 | White           | 4               | 2                      | 78.00 x 70.00              | 1981 x 1778               | —                      | —                          | —                         | 8                      |
| A86M4ELPG      | 86.12 x 149.19 x 14.12 | 2187 x 3789 x 359 | Gray            | 4               | —                      | —                          | —                         | —                      | —                          | —                         | 8                      |
| A86M4ELP       | 86.12 x 149.19 x 14.12 | 2187 x 3789 x 359 | White           | 4               | —                      | —                          | —                         | —                      | —                          | —                         | 8                      |
| A86M5EG        | 86.12 x 187.00 x 14.12 | 2187 x 4750 x 359 | Gray            | 5               | 2                      | 78.00 x 70.00              | 1981 x 1778               | 1                      | 78.00 x 34.00              | 1981 x 864                | 8                      |
| A86M5E         | 86.12 x 187.00 x 14.12 | 2187 x 4750 x 359 | White           | 5               | 2                      | 78.00 x 70.00              | 1981 x 1778               | 1                      | 78.00 x 34.00              | 1981 x 864                | 8                      |
| A86M5ELPG      | 86.12 x 187.00 x 14.12 | 2187 x 4750 x 359 | Gray            | 5               | —                      | —                          | —                         | —                      | —                          | —                         | 8                      |
| A86M5ELP       | 86.12 x 187.00 x 14.12 | 2187 x 4750 x 359 | White           | 5               | —                      | —                          | —                         | —                      | —                          | —                         | 8                      |
| A86M3E20G      | 86.12 x 112.00 x 20.12 | 2187 x 2845 x 511 | Gray            | 3               | 1                      | 78.00 x 70.00              | 1981 x 1778               | 1                      | 78.00 x 34.00              | 1981 x 864                | 4                      |
| A86M3E20       | 86.12 x 112.00 x 20.12 | 2187 x 2845 x 511 | White           | 3               | 1                      | 78.00 x 70.00              | 1981 x 1778               | 1                      | 78.00 x 34.00              | 1981 x 864                | 4                      |
| A86M3E20LPG    | 86.12 x 112.00 x 20.12 | 2187 x 2845 x 511 | Gray            | 3               | —                      | —                          | —                         | —                      | —                          | —                         | 4                      |
| A86M3E20LP     | 86.12 x 112.00 x 20.12 | 2187 x 2845 x 511 | White           | 3               | —                      | —                          | —                         | —                      | —                          | —                         | 4                      |
| A86M4E20G      | 86.12 x 149.19 x 20.12 | 2187 x 3789 x 511 | Gray            | 4               | 2                      | 78.00 x 70.00              | 1981 x 1778               | —                      | —                          | —                         | 8                      |
| A86M4E20       | 86.12 x 149.19 x 20.12 | 2187 x 3789 x 511 | White           | 4               | 2                      | 78.00 x 70.00              | 1981 x 1778               | —                      | —                          | —                         | 8                      |
| A86M4E20LPG    | 86.12 x 149.19 x 20.12 | 2187 x 3789 x 511 | Gray            | 4               | —                      | —                          | —                         | —                      | —                          | —                         | 8                      |
| A86M4E20LP     | 86.12 x 149.19 x 20.12 | 2187 x 3789 x 511 | White           | 4               | —                      | —                          | —                         | —                      | —                          | —                         | 8                      |
| A86M5E20G      | 86.12 x 187.00 x 20.12 | 2187 x 4750 x 511 | Gray            | 5               | 2                      | 78.00 x 70.00              | 1981 x 1778               | 1                      | 78.00 x 34.00              | 1981 x 864                | 8                      |
| A86M5E20       | 86.12 x 187.00 x 20.12 | 2187 x 4750 x 511 | White           | 5               | 2                      | 78.00 x 70.00              | 1981 x 1778               | 1                      | 78.00 x 34.00              | 1981 x 864                | 8                      |
| A86M5E20LPG    | 86.12 x 187.00 x 20.12 | 2187 x 4750 x 511 | Gray            | 5               | —                      | —                          | —                         | —                      | —                          | —                         | 8                      |
| A86M5E20LP     | 86.12 x 187.00 x 20.12 | 2187 x 4750 x 511 | White           | 5               | —                      | —                          | —                         | —                      | —                          | —                         | 8                      |

Panels are furnished with enclosure. Removable panel not included with models ending in LP.



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## Five-Door Enclosure

