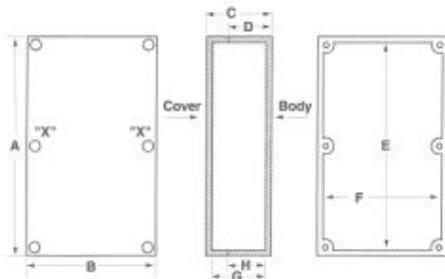


NBF-SERIES NEMA ECONOMY ENCLOSURES



Part Number and Product Details on Page 3-4

Ordering Information

- All items priced, sold and packaged in quantities of one
- Available beginning June 1, 2010
- Contact the factory for modified versions

Obsolete Product Replacement Suggestions

| Obsolete Part Number | Suggested Replacement Part | Obsolete Part Number | Suggested Replacement Part | Obsolete Part Number | Suggested Replacement Part | Obsolete Part Number | Suggested Replacement Part |
|----------------------|----------------------------|----------------------|----------------------------|----------------------|----------------------------|----------------------|----------------------------|
| NBB-10220 | NBF-32102 | NBB-10231 | NBF-32204 | NBB-15258 | NBF-32346 | NBB-22258 | NBF-32046 |
| NBB-10221 | NBF-32104 | NBB-10232 | NBF-32206 | NBB-22220 | NBF-32002 | NBB-32640 | NBF-32010 |
| NBB-10222 | NBF-32106 | NBB-10233 | NBF-32208 | NBB-22221 | NBF-32004 | NBB-32643 | NBF-32018 |
| NBB-10223 | NBF-32108 | NBB-10258 | NBF-32146 | NBB-22222 | NBF-32006 | NBB-32647 | NBF-32026 |
| NBB-10230 | NBF-32202 | NBB-10278 | NBF-32246 | NBB-22223 | NBF-32008 | NBB-32653 | NBF-32032 |



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BUD WEST • Phoenix, Arizona • (602) 870-8377 • Fax (602) 870-8477

Tradename

- NEMA NBF Series Box

Benefits and Features

- Industry Standards:
 - NEMA Type 1, 2, 4, 4X, 12 and 13
 - IEC529, IP66
- Materials:
 - **ABS:** Light gray ABS plastic with UL94-HB flammability rating. These boxes are not UL listed.
 - **INDOOR VERSION:** Light Gray ABS/PC blended plastic with UL94-5V flammability rating
 - **OUTDOOR VERSION:** Light Gray PC/PBT blended plastic with UL94-5VA flammability rating
- Front door attached with non-metallic latches and hinges for maximum durability and corrosion resistance
- Holes in selected internal and external mounting bosses allow for self threading fasteners.
- Comes complete with stainless steel wall mounting brackets and hardware.

Accessories

- Internal Hinged Panel Mounting Brackets
- Air and Moisture Vents
- Stainless Steel Locking Hasp

Applications

- Control Boxes
 - Lighting
 - Access Controls
- Facilities With Wash Down Requirements
 - Food

- Beverage
- Pharmaceutical
- Corrosive Environments
 - Chemical Plants
 - Pulp/Paper Mills
- General Factory Environments
 - Machine Controls
 - Process Controls

Competition and Competitive Advantages

- Non-metallic enclosures manufactured by:
 - Hammond
 - Fibox
 - Hoffman
 - Carlon
- Lighter weight and lower cost while retaining durability and strength for most applications

Related Products

- Machine Controls
- Pneumatic, Hydraulic and/or Electrical Switches
- Timing Devices

Key Customer Contacts

- Industrial Engineers
- Design Engineers
- Plant Maintenance Foremen
- Architects

Questions to Ask

- Who designs or specifies your enclosures?
- Is your product used in an unfriendly environment?
- Do your controls and/or equipment need limited access control?

Product Detail Information

| ABS Catalog # | Indoor Version | | Outdoor Version | | Nominal External Dimensions | | | | Actual Internal Dimensions | | | Wgt. Lbs. |
|---------------|----------------|------------|-----------------|------------|-----------------------------|-----------------|-----------------|-----------------|----------------------------|------|------|-----------|
| | Catalog Number | | Catalog Number | | Inches [Millimeters] | | | | Inches | | | |
| Solid Door | Solid Door | Clear Door | Solid Door | Clear Door | A | B | C | D | E | F | G | |
| NBF-32002 | NBF-32102 | NBF-32202 | NBF-32302 | NBF-32402 | 5.11 [130mm] | 3.93 [100mm] | 2.75 [70mm] | 1.97 [50mm] | 4.55 | 3.42 | 2.52 | 0.6 |
| NBF-32004 | NBF-32104 | NBF-32204 | NBF-32304 | NBF-32404 | 5.90 [150mm] | 3.93 [100mm] | 2.75 [70mm] | 1.97 [50mm] | 5.37 | 3.42 | 2.52 | 0.7 |
| NBF-32006 | NBF-32106 | NBF-32206 | NBF-32306 | NBF-32406 | 7.87 [200mm] | 3.93 [100mm] | 2.75 [70mm] | 1.97 [50mm] | 7.31 | 3.42 | 2.52 | 0.8 |
| NBF-32008 | NBF-32108 | NBF-32208 | NBF-32308 | NBF-32408 | 10.63 [270mm] | 3.93 [100mm] | 2.75 [70mm] | 1.97 [50mm] | 10.02 | 3.42 | 2.52 | 0.8 |
| NBF-32010 | NBF-32110 | NBF-32210 | NBF-32310 | NBF-32410 | 5.9 [150mm] | 5.90 [150mm] | 3.54 [90mm] | 2.76 [70mm] | 5.22 | 5.22 | 3.31 | 0.8 |
| NBF-32012* | NBF-32112* | NBF-32212* | NBF-32312* | NBF-32412* | 7.87 [200mm] | 5.90 [150mm] | 3.93 [100mm] | 2.95 [75mm] | 7.70 | 5.73 | 3.70 | 1.2 |
| NBF-32014* | NBF-32114* | NBF-32214* | NBF-32314* | NBF-32414* | 7.08 [180mm] | 7.08 [180mm] | 5.90 [150mm] | 4.72 [120mm] | 7.09 | 7.09 | 5.67 | 1.5 |
| NBF-32016* | NBF-32116* | NBF-32216* | NBF-32316* | NBF-32416* | 11.81 [300mm] | 7.87 [200mm] | 5.11 [130mm] | 4.02 [102mm] | 11.18 | 7.20 | 4.82 | 2.0 |
| NBF-32018 | NBF-32118 | NBF-32218 | NBF-32318 | NBF-32418 | 11.81 [300mm] | 7.87 [200mm] | 6.29 [160mm] | 5.20 [132mm] | 11.18 | 7.20 | 6.00 | 2.7 |
| NBF-32020* | NBF-32120* | NBF-32220* | NBF-32320* | NBF-32420* | 11.81 [300mm] | 7.87 [200mm] | 7.87 [200mm] | 6.81 [173mm] | 11.18 | 7.20 | 7.58 | 2.8 |
| NBF-32022* | NBF-32122* | NBF-32222* | NBF-32322* | NBF-32422* | 13.78 [350mm] | 9.84 [250mm] | 5.90 [150mm] | 4.72 [120mm] | 12.99 | 9.06 | 5.61 | 3.0 |
| NBF-32024* | NBF-32124* | NBF-32224* | NBF-32324* | NBF-32424* | 13.78 [350mm] | 9.84 [250mm] | 7.08 [180mm] | 5.91 [150mm] | 12.99 | 9.06 | 7.58 | 4.7 |

* Non-stocking item. Contact factory for price and availability.

N/A = Not Available.

| ABS Catalog # | Indoor Version | | Outdoor Version Catalog Number | | Nominal External Dimensions | | | | Actual Internal Dimensions | | | Wgt · Lbs. |
|---------------|----------------|------------|--------------------------------|------------|-----------------------------|------------------|------------------|------------------|----------------------------|-------|-------|------------------|
| | Catalog Number | | Solid Door | Clear Door | Inches [Milimeters] | | | | Inches | | | |
| Solid Door | Solid Door | Clear Door | | | Solid Door | Clear Door | A | B | C | D | E | F |
| NBF-32026 | NBF-32126 | NBF-32226 | NBF-32326 | NBF-32426 | 15.74 [400mm] | 11.81 [300mm] | 6.29 [160mm] | 5.2 [132mm] | 15.14 | 11.02 | 5.96 | 5.6 |
| NBF-32028* | NBF-32128* | NBF-32228* | NBF-32328* | NBF-32428* | 17.71 [450mm] | 13.78 [350mm] | 6.29 [160mm] | 5.12 [130mm] | 16.65 | 12.64 | 5.96 | 6.9 |
| NBF-32030* | NBF-32130* | NBF-32230* | NBF-32330* | NBF-32430* | 17.71 [450mm] | 13.78 [350mm] | 7.87 [200mm] | 6.69 [170mm] | 16.65 | 12.64 | 7.54 | 8.9 |
| NBF-32032 | NBF-32132 | NBF-32232 | NBF-32332 | NBF-32432 | 19.68 [500mm] | 15.74 [400mm] | 6.29 [160mm] | 5.12 [130mm] | 18.82 | 14.88 | 5.96 | 9.6 |
| NBF-32034* | NBF-32134* | NBF-32234* | NBF-32334* | NBF-32434* | 19.68 [500mm] | 15.74 [400mm] | 7.87 [200mm] | 6.69 [170mm] | 18.82 | 14.88 | 7.54 | 10.6 |
| NBF-32036* | NBF-32136* | NBF-32236* | NBF-32336* | NBF-32436* | 20.86 [530mm] | 16.92 [430mm] | 6.29 [160mm] | 5.12 [130mm] | 19.69 | 15.71 | 5.96 | 10.6 |
| NBF-32038 | NBF-32138 | NBF-32238 | NBF-32338 | NBF-32438 | 20.86 [500mm] | 16.92 [430mm] | 7.87 [200mm] | 6.69 [170mm] | 19.69 | 15.71 | 7.54 | 11.7 |
| NBF-32040* | NBF-32140* | NBF-32240* | NBF-32340* | NBF-32440* | 23.62 [600mm] | 19.68 [500mm] | 7.08 [180mm] | 5.91 [150mm] | 23.58 | 19.69 | 6.71 | 13.9 |
| NBF-32042 | NBF-32142 | NBF-32242 | NBF-32342 | NBF-32442 | 23.62 [600mm] | 19.68 [500mm] | 9.84 [250mm] | 8.66 [220mm] | 23.62 | 19.69 | 9.47 | 16.1 |
| NBF-32044* | NBF-32144* | NBF-32244* | NBF-32344* | NBF-32444* | 27.55 [700mm] | 19.68 [500mm] | 7.08 [180mm] | 5.91 [150mm] | 27.52 | 19.65 | 6.71 | 15.8 |
| NBF-32046 | NBF-32146 | NBF-32246 | NBF-32346 | NBF-32446 | 27.55 [700mm] | 19.68 [500mm] | 9.84 [250mm] | 8.66 [220mm] | 27.56 | 19.69 | 9.47 | 18.2 |
| NBF-32048 | NBF-32148 | N/A | NBF-32348 | N/A | 31.49 [800mm] | 23.62 [600mm] | 11.02 [280mm] | 10.12 [257mm] | 30.59 | 22.60 | 10.65 | 24.3 |

* Non-stocking item. Contact factory for price and availability.

N/A = Not Available.

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