

UNIPAK



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UNIPAK

Product Description

UNIPAK Low Voltage Fixed Capacitor Banks

- Two-year warranty on capacitor cells (units with standard-duty cells)
- Five-year warranty on capacitor cells (units with heavy-duty cells)
- Indoor/outdoor service
- Wall-mount (up to C2) and floor-mounted units available
- Short lead-times
- Slim profile allows reduced footprint, conserving valuable floor space

UNIPAK with Heavy-Duty Capacitor Cells

- Standard fixed capacitor systems using heavy-duty capacitor cells
- For use in moderate harmonic environments where engineering evaluation allows in place of detuned filter designs
- Provides future conversion capability into a detuned filter system when required by facility growth or increased nonlinear load levels

UNIPAK Low Voltage Fixed Detuned Filters

- Detuned filter systems for low voltage, heavy-duty applications
- Correct power factor in high harmonic environments
- Two-enclosure design isolates capacitors from high-temperature operating reactors and allows for flexible installation
- Five-year cell warranty/ one-year reactor warranty
- Three-phase cell capacitor construction

Application Description

Designed for power factor correction in plants experiencing harmonics problems due to high amounts of nonlinear loads.

Features, Benefits and Functions

UNIPAK Low Voltage Fixed Capacitor Banks

- **Outer enclosure:** Heavy, No. 14 gauge steel finished with durable baked powder coat finish. Wall-mounting flanges and floor-mounting feet. Elimination of knockouts permits indoor/outdoor use. Manufactured to NEMA 1 and 3R requirements
- Elevated floor-mounting feet allow access for easy maintenance
- **Cover:** "L" shaped gasketed cover with multiple fasteners provides front opening for ease of installation and service
- **UNIPAK operating temperature:** -40 °F to +115 °F (-40 °C to +46 °C)
- **UNIPAK storage temperature:** -40 °F to +131 °F (-40 °C to +55 °C)
- **Power and ground terminal lugs:** Furnished inside enclosure
- **Pressure-sensitive interrupter:** All units have built-in UL recognized pressure-sensitive interrupter, and thermally or mechanically activated disconnecting link removes capacitor from the supply before dangerous pressure buildup or excessive fault current occurs. Bulged capacitor cell top provides easy visual indication of interrupter operation

- **Standard fusing:**
 - **Size Code A1:** Three midget-type fuses with 100,000 A interrupting capacity
 - **Size Code A2 and larger:** Slotted-blade type fuses with 200,000 A interrupting capacity; fuses mounted on stand-off bushings; solderless connectors for easy hookup of incoming line conductors
- **Fuse indicating lights:** Red, neon cleared-fuse indicating lights are protected by transparent weatherproof guard
- **Options:**
 - Non-fused units available, selected sizes
 - Heavy-duty capacitor cells, selected sizes

UNIPAK Low Voltage Fixed Detuned Filters

- **Enclosures:** Standard NEMA 1 enclosures have durable baked powder coat finish
- **UNIPAK detuned filter operating temperature:** -40 °F to +115 °F (-40 °C to +46 °C)
- **UNIPAK detuned filter storage temperature:** -40 °F to +131 °F (-40 °C to +55 °C)
- **Power and ground terminal lugs:** Furnished inside enclosures

Standards and Certifications

UNIPAK Low Voltage Fixed Capacitor Banks

- UL 810 and CSA C.22.2 No.190 Listed

UNIPAK Low Voltage Fixed Detuned Filters

- UL 508A and CSA C22.2 No. 190 Listed



Product Selection

UNIPAK Low Voltage Fixed Capacitor Banks

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UNIPAK



240 Vac UNIPAK Selection Chart

| kvar | Rated Current (Amperes) | Enclosure | Shipping Weight in Lb (kg) | Catalog Number |
|------|-------------------------|-----------|----------------------------|----------------|
| 1 | 2.4 | A1 | 18 (8) | 123PMURF |
| 1.5 | 3.6 | A1 | 18 (8) | 1X23PMURF |
| 2 | 4.8 | A1 | 19 (9) | 223PMURF |
| 2.5 | 6 | A1 | 19 (9) | 2X23PMURF |
| 3 | 7.2 | A1 | 19 (9) | 323PMURF |
| 4 | 9.6 | A1 | 20 (9) | 423PMURF |
| 5 | 12 | A2 | 29 (13) | 523PMURF |
| 6 | 14.4 | A2 | 29 (13) | 623PMURF |
| 7.5 | 18 | A2 | 30 (14) | 7X23PMURF |
| 8 | 19.2 | A2 | 31 (14) | 823PMURF |
| 10 | 24 | A2 | 31 (14) | 1023PMURF |
| 12.5 | 30 | A2 | 32 (14) | 12X23PMURF |
| 15 | 36 | A2 | 33 (15) | 1523PMURF |
| 17.5 | 42 | B1 | 44 (20) | 17X23PMURF |
| 20 | 48 | B1 | 45 (20) | 2023PMURF |
| 22.5 | 54 | B1 | 46 (21) | 22X23PMURF |
| 25 | 60 | B1 | 46 (21) | 2523PMURF |
| 30 | 72 | B1 | 47 (21) | 3023PMURF |
| 32.5 | 78 | C1 | 47 (22) | 32X23PMURF |
| 35 | 84 | C1 | 48 (22) | 3523PMURF |
| 37.5 | 90 | C1 | 60 (27) | 37X23PMURF |
| 40 | 96 | C1 | 64 (29) | 4023PMURF |
| 42.5 | 102 | C1 | 65 (30) | 42X23PMURF |
| 45 | 108 | C1 | 66 (30) | 4523PMURF |
| 50 | 120 | C1 | 68 (31) | 5023PMURF |
| 60 | 144 | C1 | 69 (31) | 6023PMURF |
| 70 | 168 | C2 | 99 (45) | 7023PMURF |
| 75 | 180 | C2 | 100 (46) | 7523PMURF |
| 80 | 192 | C2 | 101 (46) | 8023PMURF |
| 90 | 216 | C2 | 103 (47) | 9023PMURF |
| 100 | 240 | D1 | 104 (47) | 10023PMURF |
| 120 | 288 | D1 | 133 (60) | 12023PMURF |
| 140 | 336 | E1 | 137 (62) | 14023PMURF |
| 150 | 360 | E1 | 140 (64) | 15023PMURF |
| 160 | 384 | E1 | 175 (80) | 16023PMURF |
| 180 | 432 | E1 | 182 (83) | 18023PMURF |
| 200 | 480 | E1 | 189 (86) | 20023PMURF |

Notes

Multiply the 240 Vac kvar rating by 0.75 to calculate the kvar value at 208 Vac.

Fused with blown-fuse indication available standard. Non-fused and no lights also available—please consult the factory.

Other ratings available, consult factory.

For dimensional information, refer to **Page V3-T2-61**.

Part Numbers:

PMURF—three fuses + three lights

PMURN—non-fused

480 Vac UNIPAK Selection Chart

| kvar | Rated Current (Amperes) | Enclosure | Shipping Weight in Lb (kg) | Catalog Number |
|------|-------------------------|-----------|----------------------------|----------------|
| 1.5 | 1.8 | A1 | 17 (8) | 1X43PMURF |
| 2 | 2.4 | A1 | 18 (8) | 243PMURF |
| 2.5 | 3 | A1 | 18 (8) | 2X43PMURF |
| 3 | 3.6 | A1 | 19 (9) | 343PMURF |
| 4 | 4.8 | A1 | 19 (9) | 443PMURF |
| 5 | 6 | A1 | 19 (9) | 543PMURF |
| 6 | 7.2 | A1 | 19 (9) | 643PMURF |
| 7.5 | 9 | A1 | 20 (9) | 7X43PMURF |
| 8 | 9.6 | A1 | 20 (9) | 843PMURF |
| 9 | 10.8 | A1 | 20 (9) | 943PMURF |
| 10 | 12 | A1 | 20 (9) | 1043PMURF |
| 12.5 | 15 | A2 | 29 (13) | 12X43PMURF |
| 15 | 18 | A2 | 29 (13) | 1543PMURF |
| 17.5 | 21 | A2 | 30 (14) | 17X43PMURF |
| 20 | 24 | A2 | 31 (14) | 2043PMURF |
| 22.5 | 27 | B1 | 44 (20) | 22X43PMURF |
| 25 | 30 | A2 | 32 (15) | 2543PMURF |
| 27.5 | 33 | B1 | 44 (20) | 27X43PMURF |
| 30 | 36 | B1 | 44 (20) | 3043PMURF |
| 32.5 | 39 | B1 | 45 (20) | 32X43PMURF |
| 35 | 42 | B1 | 45 (20) | 3543PMURF |
| 37.5 | 45 | B1 | 46 (21) | 37X43PMURF |
| 40 | 48 | B1 | 46 (21) | 4043PMURF |
| 42.5 | 51 | B1 | 47 (21) | 42X43PMURF |
| 45 | 54 | B1 | 47 (22) | 4543PMURF |
| 50 | 60 | B1 | 48 (22) | 5043PMURF |
| 55 | 66 | C1 | 48 (22) | 5543PMURF |
| 60 | 72 | C1 | 48 (22) | 6043PMURF |
| 65 | 78 | C1 | 64 (29) | 6543PMURF |
| 70 | 84 | C1 | 65 (30) | 7043PMURF |
| 75 | 90 | C1 | 65 (30) | 7543PMURF |
| 80 | 96 | C1 | 66 (30) | 8043PMURF |
| 85 | 102 | C1 | 68 (31) | 8543PMURF |
| 90 | 108 | C1 | 68 (31) | 9043PMURF |
| 100 | 120 | C1 | 69 (31) | 10043PMURF |
| 120 | 144 | C2 | 69 (31) | 12043PMURF |
| 125 | 150 | C2 | 99 (45) | 12543PMURF |
| 140 | 168 | C2 | 100 (46) | 14043PMURF |
| 150 | 180 | C2 | 101 (46) | 15043PMURF |
| 160 | 192 | D1 | 103 (47) | 16043PMURF |
| 180 | 216 | D1 | 104 (47) | 18043PMURF |
| 200 | 240 | D1 | 137 (62) | 20043PMURF |
| 225 | 270 | D1 | 140 (64) | 22543PMURF |
| 250 | 300 | E1 | 170 (77) | 25043PMURF |
| 300 | 360 | E1 | 175 (80) | 30043PMURF |
| 350 | 420 | E1 | 182 (83) | 35043PMURF |
| 400 | 480 | E1 | 189 (86) | 40043PMURF |

600 Vac UNIPAK Selection Chart

| kvar | Rated Current (Amperes) | Enclosure | Shipping Weight in Lb (kg) | Catalog Number |
|------|-------------------------|-----------|----------------------------|----------------|
| 5 | 4.9 | A1 | 19 (9) | 563PMURF |
| 7.5 | 7.4 | A1 | 19 (9) | 7X63PMURF |
| 10 | 9.8 | A1 | 20 (9) | 1063PMURF |
| 12.5 | 12.3 | A1 | 20 (9) | 12X63PMURF |
| 15 | 14.7 | A2 | 29 (13) | 1563PMURF |
| 17.5 | 17.2 | A2 | 29 (13) | 17X63PMURF |
| 20 | 19.6 | A2 | 30 (14) | 2063PMURF |
| 22.5 | 22.1 | B1 | 44 (20) | 22X63PMURF |
| 25 | 24.5 | B1 | 31 (14) | 2563PMURF |
| 27.5 | 27.0 | B1 | 44 (20) | 27X63PMURF |
| 30 | 29.4 | B1 | 45 (20) | 3063PMURF |
| 32.5 | 31.9 | B1 | 45 (20) | 32X63PMURF |
| 35 | 34.3 | B1 | 46 (21) | 3563PMURF |
| 37.5 | 36.8 | B1 | 46 (21) | 37X63PMURF |
| 40 | 39.2 | B1 | 47 (21) | 4063PMURF |
| 42.5 | 41.7 | B1 | 47 (22) | 42X63PMURF |
| 45 | 44.1 | B1 | 48 (22) | 4563PMURF |
| 50 | 49.0 | B1 | 48 (22) | 5063PMURF |
| 55 | 53.9 | C1 | 64 (29) | 5563PMURF |
| 60 | 58.8 | C1 | 64 (29) | 6063PMURF |
| 65 | 63.7 | C1 | 65 (30) | 6563PMURF |
| 70 | 68.6 | C1 | 65 (30) | 7063PMURF |
| 75 | 73.5 | C1 | 66 (30) | 7563PMURF |
| 80 | 78.4 | C1 | 68 (31) | 8063PMURF |
| 85 | 83.3 | C1 | 68 (31) | 8563PMURF |
| 90 | 88.2 | C1 | 69 (31) | 9063PMURF |
| 100 | 98.0 | C1 | 69 (31) | 10063PMURF |
| 120 | 117.6 | C2 | 99 (45) | 12063PMURF |
| 125 | 122.5 | C2 | 100 (46) | 12563PMURF |
| 140 | 137.2 | C2 | 101 (46) | 14063PMURF |
| 150 | 147.0 | C2 | 103 (47) | 15063PMURF |
| 160 | 156.8 | D1 | 135 (61) | 16063PMURF |
| 180 | 176.4 | D1 | 137 (62) | 18063PMURF |
| 200 | 196.0 | D1 | 140 (64) | 20063PMURF |
| 225 | 220.5 | D1 | 143 (65) | 22563PMURF |
| 250 | 245.0 | E1 | 170 (77) | 25063PMURF |
| 300 | 294.0 | E1 | 175 (80) | 30063PMURF |
| 350 | 343.0 | E1 | 182 (83) | 35063PMURF |
| 400 | 392.0 | E1 | 189 (86) | 40063PMURF |

Notes

Fused with blown-fuse indication available standard.
 Non-fused and no lights also available—please consult the factory.
 Other ratings available, consult factory.
 For dimensional information, refer to **Page V3-T2-61**.
 Part Number
 PMURF—three fuses + three lights
 PMURN—non-fused

UNIPAK—with Harmonic Cells

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Harmonic Cells



Low Voltage Fixed Capacitor Systems with Heavy-Duty Cells

| kvar | Rated Current (Amperes) | Case Size | Shipping Weight in Lb (kg) | Catalog Number |
|--------------|-------------------------|-----------|----------------------------|----------------|
| 240 V | | | | |
| 15 | 36 | B1 | 38.4 (17) | 1523HURF |
| 25 | 60 | B1 | 38.4 (17) | 2523HURF |
| 30 | 72 | C1 | 55.2 (25) | 3023HURF |
| 50 | 120 | C1 | 57.6 (26) | 5023HURF |
| 60 | 144 | C2 | 100.8 (46) | 6023HURF |
| 75 | 180 | C2 | 104.4 (47) | 7523HURF |
| 100 | 240 | D1 | 136.8 (62) | 10023HURF |
| 125 | 300 | E1 | 189.6 (86) | 12523HURF |
| 480 V | | | | |
| 15 | 18 | B1 | 25.2 (11) | 1543HURF |
| 25 | 30 | B1 | 37.2 (17) | 2543HURF |
| 30 | 36 | B1 | 38.4 (17) | 3043HURF |
| 50 | 60 | C1 | 39.6 (18) | 5043HURF |
| 60 | 72 | C1 | 52.8 (24) | 6043HURF |
| 75 | 90 | C2 | 55.2 (25) | 7543HURF |
| 100 | 120 | C2 | 57.6 (26) | 10043HURF |
| 125 | 150 | D1 | 100.8 (46) | 12543HURF |
| 150 | 180 | D1 | 104.4 (47) | 15043HURF |
| 200 | 240 | E1 | 136.8 (62) | 20043HURF |
| 250 | 300 | E1 | 186.0 (84) | 25043HURF |
| 600 V | | | | |
| 15 | 14.7 | B1 | 37.2 (17) | 1563HURF |
| 25 | 24.5 | B1 | 38.4 (17) | 2563HURF |
| 30 | 29.4 | B1 | 39.6 (18) | 3063HURF |
| 50 | 49 | C1 | 55.2 (25) | 5063HURF |
| 60 | 58.8 | C1 | 57.6 (26) | 6063HURF |
| 75 | 73.5 | C2 | 100.8 (46) | 7563HURF |
| 100 | 98 | C2 | 104.4 (47) | 10063HURF |
| 125 | 122.5 | D1 | 136.8 (62) | 12563HURF |
| 150 | 147 | D1 | 136.8 (62) | 15063HURF |
| 200 | 196 | E1 | 186.0 (84) | 20063HURF |
| 250 | 245 | E1 | 189.6 (86) | 25063HURF |

Notes

Fused with blown-fuse indication standard.

Other ratings available, consult factory.

UNIPAK Low Voltage Fixed Detuned Filters**Fixed UNIPAK Detuned Filters**

| kvar | Rated Current (Amperes) | Capacitor Enclosure Size | Shipping Weight in Lb (kg) | Reactor Enclosure Case Size | Reactor Shipping Weight in Lb (kg) | Combined Shipping Weight in Lb (kg) | Catalog Number |
|--------------|-------------------------|--------------------------|----------------------------|-----------------------------|------------------------------------|-------------------------------------|----------------|
| 240 V | | | | | | | |
| 15 | 36 | B1 | 48.4 (22.0) | R | 90.0 (40.9) | 138.4 (62.8) | 15232HMURFY |
| 25 | 60 | B1 | 48.4 (22.0) | R | 105.0 (47.7) | 153.4 (69.6) | 25232HMURFY |
| 30 | 72 | C1 | 65.2 (29.6) | R | 110.0 (49.9) | 175.2 (79.5) | 30232HMURFY |
| 50 | 120 | C1 | 67.6 (30.7) | R | 130.0 (59.0) | 197.6 (89.7) | 50232HMURFY |
| 60 | 144 | C2 | 110.8 (50.3) | R | 160.0 (72.6) | 270.8 (122.9) | 60232HMURFY |
| 75 | 180 | C2 | 114.4 (51.9) | R | 185.0 (84.0) | 299.4 (135.9) | 75232HMURFY |
| 100 | 240 | D1 | 146.8 (66.6) | R | 240.0 (109.0) | 386.8 (175.6) | 100232HMURFY |
| 125 | 300 | E1 | 199.6 (90.6) | S | 280.0 (127.1) | 479.6 (217.7) | 125232HMURFY |
| 150 | 360 | E1 | 220.0 (99.9) | S | 280.0 (127.1) | 500.0 (227.0) | 150232HMURFY |
| 480 V | | | | | | | |
| 15 | 18 | B1 | 35.2 (16.0) | R | 90.0 (40.9) | 125.2 (56.8) | 15432HMURFY |
| 25 | 30 | B1 | 47.2 (21.4) | R | 105.0 (47.7) | 152.2 (69.1) | 25432HMURFY |
| 30 | 36 | B1 | 48.4 (22.0) | R | 110.0 (49.9) | 158.4 (71.9) | 30432HMURFY |
| 50 | 60 | C1 | 49.6 (22.5) | R | 130.0 (59.0) | 179.6 (81.5) | 50432HMURFY |
| 60 | 72 | C1 | 62.8 (28.5) | R | 160.0 (72.6) | 222.8 (101.2) | 60432HMURFY |
| 75 | 90 | C2 | 65.2 (29.6) | R | 185.0 (84.0) | 250.2 (113.6) | 75432HMURFY |
| 100 | 120 | C2 | 67.6 (30.7) | R | 240.0 (109.0) | 307.6 (139.7) | 100432HMURFY |
| 125 | 150 | D1 | 110.8 (50.3) | R | 280.0 (127.1) | 390.8 (177.4) | 125432HMURFY |
| 150 | 180 | D1 | 114.4 (51.9) | S | 280.0 (127.1) | 394.4 (179.1) | 150432HMURFY |
| 200 | 240 | E1 | 146.8 (66.6) | S | 330.0 (149.8) | 476.8 (216.5) | 200432HMURFY |
| 250 | 300 | E1 | 196.0 (89.0) | T | 570.0 (258.8) | 766.0 (347.8) | 250432HMURFY |
| 600 V | | | | | | | |
| 15 | 14.7 | B1 | 47.2 (21.4) | R | 90.0 (40.9) | 137.2 (62.3) | 15632HMURFY |
| 25 | 24.5 | B1 | 48.4 (22.0) | R | 90.0 (47.7) | 153.4 (69.6) | 25632HMURFY |
| 30 | 29.4 | B1 | 49.6 (22.5) | R | 105.0 (49.9) | 159.6 (72.5) | 30632HMURFY |
| 50 | 49 | C1 | 65.2 (29.6) | R | 110.0 (59.0) | 195.2 (88.6) | 50632HMURFY |
| 60 | 58.8 | C1 | 67.6 (30.7) | R | 130.0 (72.6) | 227.6 (103.3) | 60632HMURFY |
| 75 | 73.5 | C2 | 110.8 (50.3) | R | 160.0 (84.0) | 295.8 (134.3) | 75632HMURFY |
| 100 | 98 | C2 | 114.4 (51.9) | R | 185.0 (109.0) | 354.4 (160.9) | 100632HMURFY |
| 150 | 147 | D1 | 146.8 (66.6) | S | 280.0 (127.1) | 426.8 (193.8) | 150632HMURFY |
| 200 | 196 | E1 | 196.0 (89.0) | T | 330.0 (149.8) | 526.0 (238.8) | 200632HMURFY |
| 250 | 245 | E1 | 199.6 (90.6) | T | 570.0 (258.8) | 769.6 (349.4) | 250632HMURFY |

Notes

Other ratings available, consult factory.

Fused with blown-fuse indication standard.

2.2

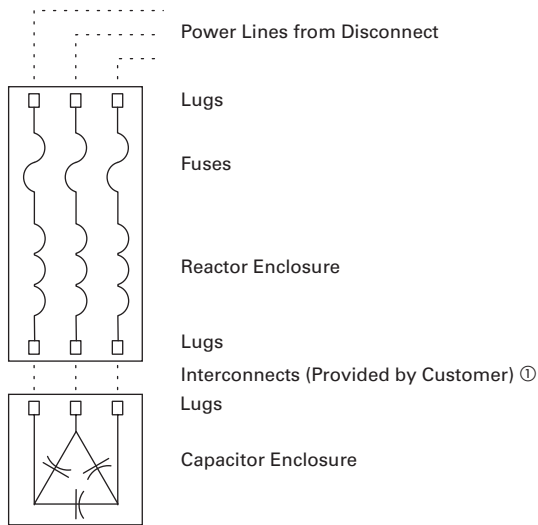
SPD, Power Conditioning, PF Capacitors and Harmonic Filters

Power Factor Correction and Harmonic Filtering

Wiring Diagram

Filter Schematic with Wiring Interconnects

2



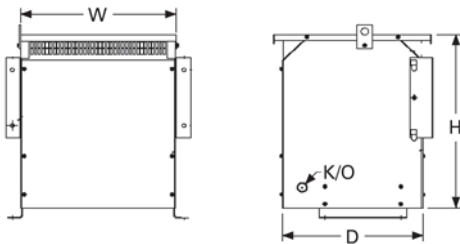
Note

① Refer to NEC.

Dimensions

Approximate Dimensions in Inches (mm)

Reactor Cabinet

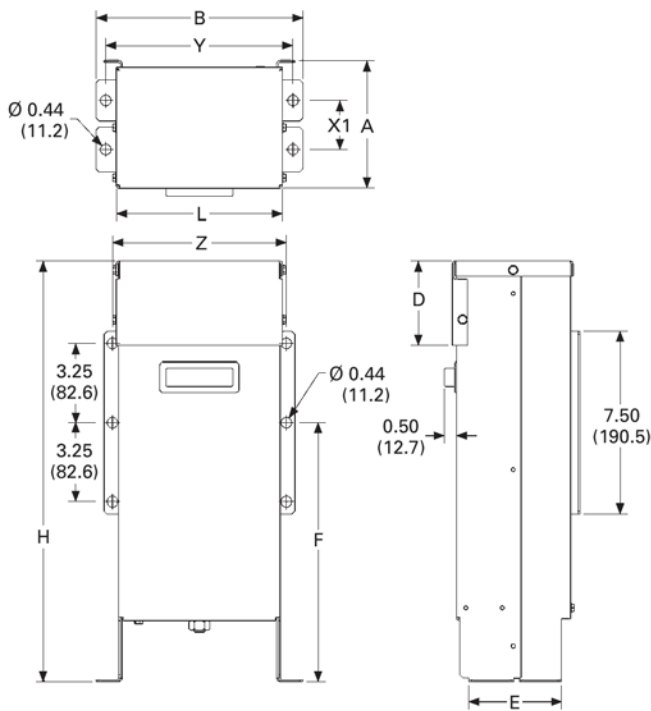


Reactor Cabinet

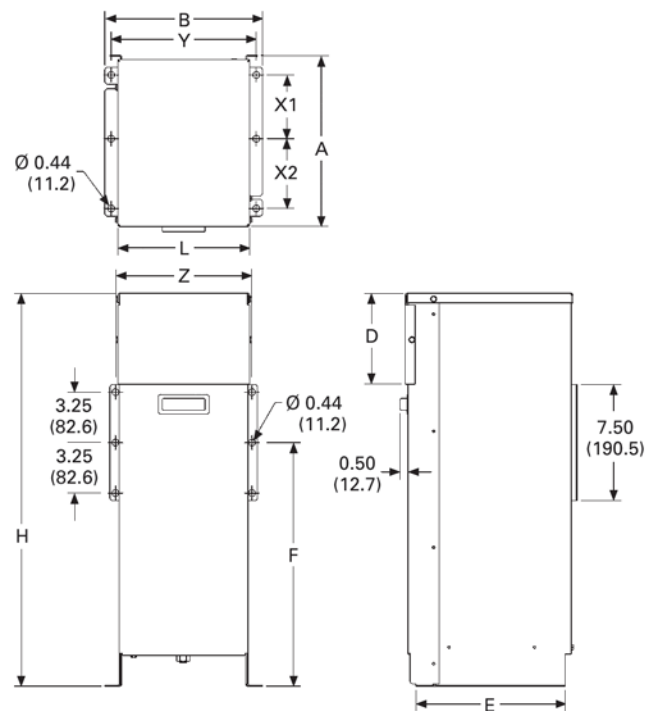
| Case Size | Height | Width | Depth |
|-----------|---------------|---------------|---------------|
| R | 24.75 (628.7) | 20.00 (508.0) | 18.13 (460.5) |
| S | 25.00 (635.0) | 24.25 (616.0) | 20.25 (514.4) |
| T | 31.00 (787.4) | 25.00 (635.0) | 32.75 (831.9) |

Low Voltage Fixed Capacitor Banks and Fixed Harmonic Filters

Case A1, A2



Case B1



UNIPAK Enclosures

| Case Size | A | B | D | E | F | H | L | X1 | X2 | X3 | Y | Z |
|-----------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|-----|--------------|--------------|
| A1 | 5.30 (134.6) | 8.50 (215.9) | 3.50 (88.9) | 3.80 (96.5) | 10.60 (269.2) | 17.30 (439.4) | 6.80 (172.7) | 2.00 (50.8) | N/A | N/A | 7.70 (195.6) | 7.20 (182.9) |
| A2 | 6.00 (152.4) | 8.50 (215.9) | 5.60 (142.2) | 4.50 (114.3) | 13.30 (337.8) | 22.30 (566.4) | 6.80 (172.7) | 2.30 (58.4) | N/A | N/A | 7.70 (195.6) | 7.20 (182.9) |
| B1 | 11.10 (281.9) | 10.10 (256.5) | 5.80 (147.3) | 9.60 (243.8) | 15.70 (398.8) | 25.30 (642.6) | 8.50 (215.9) | 4.10 (104.1) | 4.50 (114.3) | N/A | 9.30 (236.2) | 8.80 (223.5) |

Legend:

- A = Total depth
- B = Total width
- D = Height of removable front cover
- E = Depth of feet
- F = Height of middle mounting hole in wall bracket
- H = Total height
- L = Width without feet and brackets
- X = Depth between front and rear mounting holes in inches
- Y = Width between floor mounting holes
- Z = Width between wall bracket mounting holes

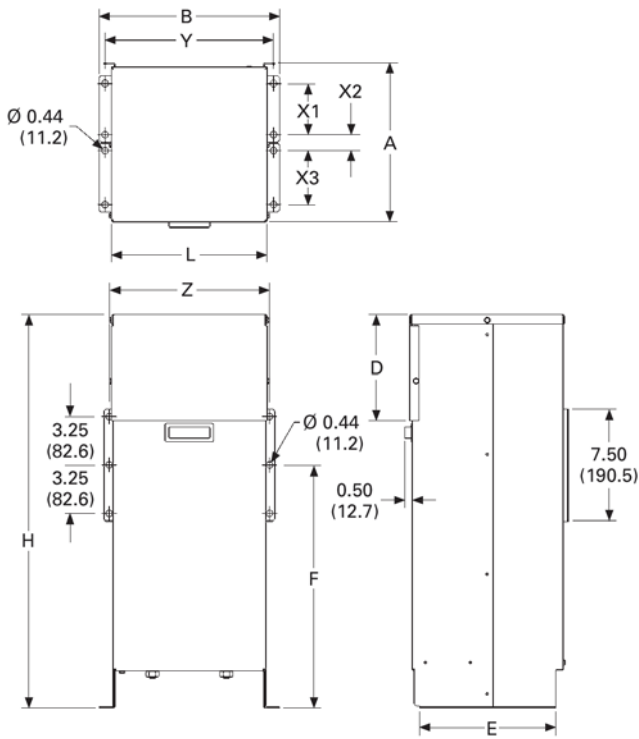
2.2

SPD, Power Conditioning, PF Capacitors and Harmonic Filters

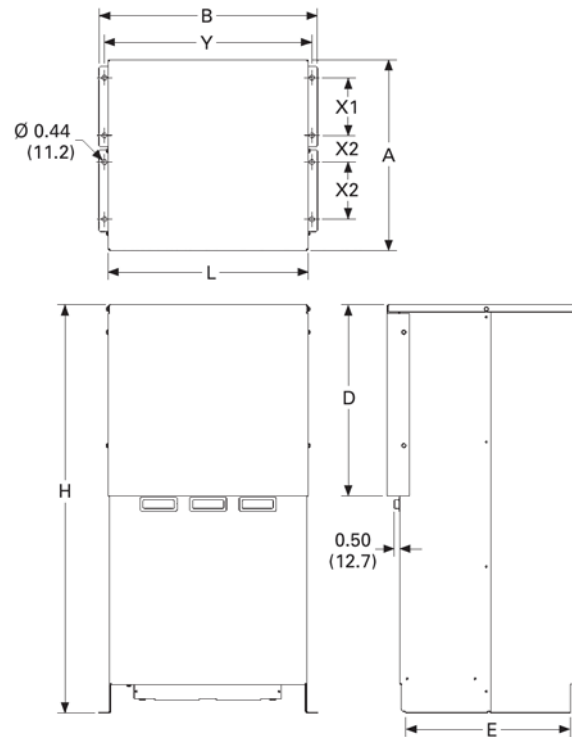
Power Factor Correction and Harmonic Filtering

Approximate Dimensions in Inches (mm)

Case C1, C2



Case D1, E1



UNIPAK Enclosures

| Case Size | A | B | D | E | F | H | L | X1 | X2 | X3 | Y | Z |
|-----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|---------------|---------------|
| C1 | 10.60 (269.2) | 12.10 (307.3) | 7.10 (180.3) | 9.10 (231.1) | 16.20 (411.5) | 26.30 (668.0) | 10.40 (264.2) | 3.40 (86.4) | 1.10 (27.9) | 3.60 (91.4) | 11.30 (287.0) | 10.70 (271.8) |
| C2 | 12.00 (304.8) | 19.30 (490.2) | 16.90 (429.3) | 9.50 (241.3) | 16.30 (414.0) | 36.00 (914.4) | 17.70 (449.6) | 3.00 (76.2) | 1.50 (38.1) | 3.80 (96.5) | 18.30 (464.8) | 18.00 (457.2) |
| D1 | 16.80 (426.7) | 19.30 (490.2) | 16.90 (429.3) | 14.60 (370.8) | N/A | 36.00 (914.4) | 17.70 (449.6) | 5.10 (129.5) | 2.40 (61.0) | 5.00 (127.0) | 18.30 (464.8) | N/A |
| E1 | 22.30 (566.4) | 24.40 (619.8) | 16.80 (426.7) | 19.50 (495.3) | N/A | 36.00 (914.4) | 22.70 (576.6) | 6.50 (165.1) | 4.40 (111.8) | 5.00 (127.0) | 22.40 (569.0) | N/A |

Legend:

- A = Total depth
- B = Total width
- D = Height of removable front cover
- E = Depth of feet
- F = Height of middle mounting hole in wall bracket
- H = Total height
- L = Width without feet and brackets
- X = Depth between front and rear mounting holes in inches
- Y = Width between floor mounting holes
- Z = Width between wall bracket mounting holes