

# Technical Specifications - J Series

*Opaque Cover "W" configuration - 4 cover screws, lift off cover*



**NOTES:**

**W Construction**

<b>Material</b>	Hot compression molded fiberglass reinforced polyester (thermoset)
<b>Gasket</b>	Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
<b>Pan head screws</b>	Minimized protruding surfaces
<b>Stainless Steel Hardware</b>	300 Series stainless used on all external hardware
<b>Molded in Mounting Flange</b>	Molded in flange for ease of mounting.
<b>Mounting Bosses</b>	Panel mounting capability for fixed rear panel
<b>Metal inserts</b>	Back panel utilizes threaded brass inserts accepting 10-32 screws
<b>Soft Edge Design</b>	Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
<b>Cover retention chain</b>	Stainless steel beaded chain for securing cover after lift off

**W Industry Standards**

<b>UL/cUL 50</b>	File E64358 Type 1, 3R, 4X, 6P, 12
<b>NEMA 250</b>	Type 1, 3R, 4X, 6P, 12
<b>CSA Std C22.2</b>	File LR069014 Type 1, 3R, 4X, 6P, 12
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Self Extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)

**W Accessories**

**Back Panels**

<b>Aluminum</b>	BP__AL	pg. 149 - 150
<b>Fiberglass</b>	BP__FG	pg. 149 - 150
<b>Stainless Steel</b>	BP__SS	pg. 149 - 150
<b>Carbon Steel</b>	BP__CS	pg. 149 - 150

**Accessories**

<b>Drain &amp; Breather Vents</b>	pg. 144, 146
<b>Hole Plugs</b>	pg. 145
<b>Assorted Hubs and Cord Grips</b>	pg. 145, 148
<b>All Other Accessories</b>	pg. 144 - 159

**W Modifications**

<b>Custom Colors</b>	pg. 12 - 13
<b>Silk Screening</b>	pg. 12 - 13
<b>EMI/RFI Shielding</b>	pg. 12 - 13
<b>Custom Window</b>	pg. 12 - 13
<b>Custom Cutouts/Holes</b>	pg. 12 - 13

# HW

## Technical Specifications - J Series

J

*Opaque Cover "HW" configuration - Hinged, 2 cover screws*



### HW Construction

<b>Material</b>	Hot compression molded fiberglass reinforced polyester (thermoset). Available standard in Glacier Grey or White
<b>Gasket</b>	Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
<b>Pan head screws</b>	Minimized protruding surfaces
<b>Stainless Steel Hardware</b>	300 Series stainless used on all external hardware
<b>Molded in Mounting Flange</b>	Molded in flange for ease of mounting.
<b>Mounting Bosses</b>	Panel mounting capability for fixed rear panel
<b>Metal inserts</b>	Back panel utilizes threaded brass inserts accepting 10-32 screws
<b>Soft Edge Design</b>	Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
<b>Color</b>	Available Standard in Glacier Grey or White

### HW Industry Standards

<b>UL/cUL 50</b>	File E64358 Type 1, 3R, 4X, 6P, 12
<b>NEMA 250</b>	Type 1, 3R, 4X, 6P, 12
<b>CSA Std C22.2</b>	File LR069014 Type 1, 3R, 4X, 6P, 12
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Self Extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)

NOTES:

### HW Accessories

#### Back Panels

<b>Aluminum</b>	BP_AL	pg. 149 - 150
<b>Fiberglass</b>	BP_FG	pg. 149 - 150
<b>Stainless Steel</b>	BP_SS	pg. 149 - 150
<b>Carbon Steel</b>	BP_CS	pg. 149 - 150

#### Accessories

<b>Drain &amp; Breather Vents</b>	pg. 144, 146
<b>Hole Plugs</b>	pg. 145
<b>Assorted Hubs and Cord Grips</b>	pg. 145, 148
<b>All Other Accessories</b>	pg. 144 - 159

### HW Modifications

<b>Custom Colors</b>	pg. 12 - 13
<b>Silk Screening</b>	pg. 12 - 13
<b>EMI/RFI Shielding</b>	pg. 12 - 13
<b>Custom Window</b>	pg. 12 - 13
<b>Custom Cutouts/Holes</b>	pg. 12 - 13

# Technical Specifications - J Series

*Opaque Cover "HLL" configuration - Hinged, twist latch*



## HLL Construction

<b>Material</b>	Hot compression molded fiberglass reinforced polyester (thermoset)
<b>Gasket</b>	Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
<b>Pan head screws</b>	Minimized protruding surfaces
<b>Stainless Steel Hardware</b>	300 Series stainless used on all external hardware
<b>Molded in Mounting Flange</b>	Molded in flange for ease of mounting.
<b>Mounting Bosses</b>	Panel mounting capability for fixed rear panel
<b>Metal inserts</b>	Back panel utilizes threaded brass inserts accepting 10-32 screws
<b>Soft Edge Design</b>	Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris

## HLL Industry Standards

<b>UL/cUL 50</b>	File E64358 Type 1, 3R, 4X, 6P, 12
<b>NEMA 250</b>	Type 1, 3R, 4X, 6P, 12
<b>CSA Std C22.2</b>	File LR069014 Type 1, 3R, 4X, 6P, 12
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Self Extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)

**NOTES:**

## HLL Accessories

### Back Panels

<b>Aluminum</b>	BP__AL	pg. 149 - 150
<b>Fiberglass</b>	BP__FG	pg. 149 - 150
<b>Stainless Steel</b>	BP__SS	pg. 149 - 150
<b>Carbon Steel</b>	BP__CS	pg. 149 - 150

### Accessories

<b>Drain &amp; Breather Vents</b>	pg. 144, 146
<b>Hole Plugs</b>	pg. 145
<b>Assorted Hubs and Cord Grips</b>	pg. 145, 148
<b>All Other Accessories</b>	pg. 144 - 159

## HLL Modifications

<b>Custom Colors</b>	pg. 12 - 13
<b>Silk Screening</b>	pg. 12 - 13
<b>EMI/RFI Shielding</b>	pg. 12 - 13
<b>Custom Window</b>	pg. 12 - 13
<b>Custom Cutouts/Holes</b>	pg. 12 - 13



# Technical Specifications - J Series

J

*Opaque Cover "FHW" configuration - Fiberglass hinge, four cover screws*



## **FHW** Construction

<b>Material</b>	Hot compression molded fiberglass reinforced polyester (thermoset)
<b>Gasket</b>	Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
<b>Pan head screws</b>	Minimized protruding surfaces
<b>Stainless Steel Hardware</b>	300 Series stainless used on all external hardware
<b>Molded in Mounting Flange</b>	Molded in flange for ease of mounting.
<b>Mounting Bosses</b>	Panel mounting capability for fixed rear panel
<b>Metal inserts</b>	Back panel utilizes threaded brass inserts accepting 10-32 screws
<b>Soft Edge Design</b>	Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
<b>Hinge Material</b>	Glass filled Polybutylene Terephthalate (PBT)

## **FHW** Industry Standards

<b>UL/cUL 50</b>	File E64358 Type 1, 3R, 4X, 6P, 12
<b>NEMA 250</b>	Type 1, 3R, 4X, 6P, 12
<b>CSA Std C22.2</b>	File LR069014 Type 1, 3R, 4X, 6P, 12
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Self Extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)

### NOTES:

## **FHW** Accessories

### Back Panels

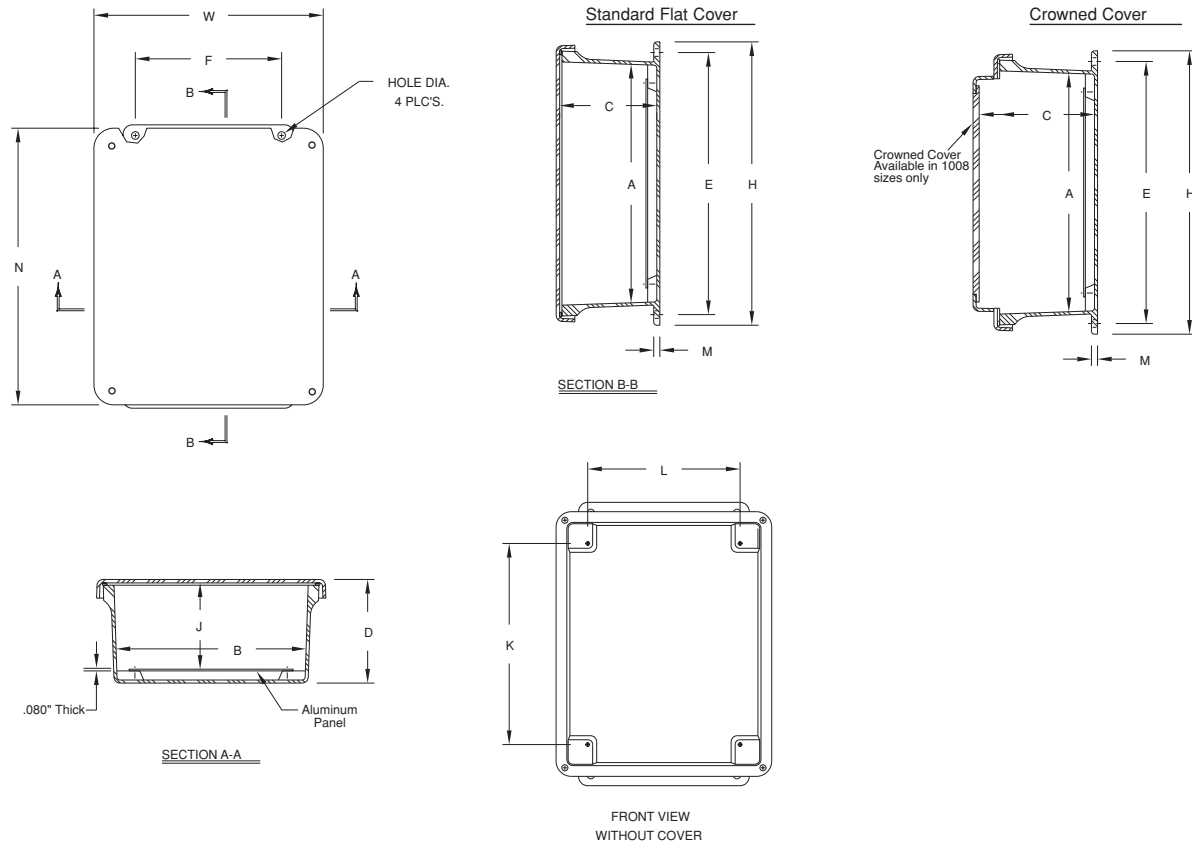
<b>Aluminum</b>	BP_AL	pg. 149 - 150
<b>Fiberglass</b>	BP_FG	pg. 149 - 150
<b>Stainless Steel</b>	BP_SS	pg. 149 - 150
<b>Carbon Steel</b>	BP_CS	pg. 149 - 150

### Accessories

<b>Drain &amp; Breather Vents</b>	pg. 144, 146
<b>Hole Plugs</b>	pg. 145
<b>Assorted Hubs and Cord Grips</b>	pg. 145, 148
<b>All Other Accessories</b>	pg. 144 - 159

## **FHW** Modifications

<b>Custom Colors</b>	pg. 12 - 13
<b>Silk Screening</b>	pg. 12 - 13
<b>EMI/RFI Shielding</b>	pg. 12 - 13
<b>Custom Window</b>	pg. 12 - 13
<b>Custom Cutouts/Holes</b>	pg. 12 - 13



J Series Enclosures - Opaque Cover

SIZE ID NUMBER	OVERALL H X W X D	INSIDE A X B X C	MOUNTING E X F	J	K	L	M	N	HOLE DIA.	SHIPPING WEIGHT	PANEL NUMBER
J604W J604HW*** J604HLL J604HPL***	7.47 x 5.45 x 4.70 (190 x 138 x 119)	5.84 x 3.85 x 4.45 (148 x 98 x 113)	6.75 x 2.00 (171 x 51)	3.97 (101)	4.25 (108)	2.25 (57)	0.25 (6)	7.39 (188)	0.31 (8)	2.40 lbs.	BP64**
J606W J606HW*** J606HLL J606HPL***	7.50 x 7.53 x 4.82 (191 x 191 x 122)	5.72 x 5.72 x 4.45 (145 x 145 x 113)	6.75 x 4.00 (171 x 101)	3.97 (101)	4.25 (108)	4.25 (108)	0.25 (6)	7.53 (191)	0.31 (8)	2.80 lbs.	BP66**
J806W J806HW*** J806HLL J806HPL*** J806FHW	9.63 x 7.52 x 4.70 (245 x 191 x 119)	7.73 x 5.74 x 4.45 (196 x 146 x 113)	8.88 x 4.00 (225 x 101)	3.92 (100)	6.25 (159)	4.25 (108)	0.25 (6)	9.5 (242)	0.31 (8)	3.50 lbs.	BP86**
J808W J808HW*** J808HLL J808HPL*** J808FHW	9.56 x 9.38 x 4.87 (243 x 238 x 124)	7.73 x 7.73 x 4.62 (196 x 196 x 117)	8.75 x 6.00 (222 x 152)	3.98 (101)	6.25 (159)	6.25 (159)	0.25 (6)	9.38 (238)	0.31 (8)	3.80 lbs.	BP88**

All measures are in inches, items in parentheses are in millimeters.

\*Crowned cover – center of cover raised 3/4"

\*\*Panel ordered separately

\*\*\*Available in white by placing WH prior to part number ex. WH-J604HW

# W

## Technical Specifications - J Series

J

*Opaque Cover "W" configuration - 4 cover screws, lift off cover*



### W Construction

<b>Material</b>	Hot compression molded fiberglass reinforced polyester (thermoset)
<b>Gasket</b>	Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
<b>Pan head screws</b>	Minimized protruding surfaces
<b>Stainless Steel Hardware</b>	300 Series stainless used on all external hardware
<b>Molded in Mounting Flange</b>	Molded in flange for ease of mounting.
<b>Mounting Bosses</b>	Panel mounting capability for fixed rear panel
<b>Metal inserts</b>	Back panel utilizes threaded brass inserts accepting 10-32 screws
<b>Soft Edge Design</b>	Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
<b>Cover retention chain</b>	Stainless steel beaded chain for securing cover after lift off

### W Industry Standards

<b>UL/cUL 50</b>	File E64358 Type 1, 3R, 4X, 6P, 12
<b>NEMA 250</b>	Type 1, 3R, 4X, 6P, 12
<b>CSA Std C22.2</b>	File LR069014 Type 1, 3R, 4X, 6P, 12
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Self Extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)

### NOTES:

### W Accessories

#### Back Panels

<b>Aluminum</b>	BP__AL	pg. 149 - 150
<b>Fiberglass</b>	BP__FG	pg. 149 - 150
<b>Stainless Steel</b>	BP__SS	pg. 149 - 150
<b>Carbon Steel</b>	BP__CS	pg. 149 - 150

#### Accessories

<b>Drain &amp; Breather Vents</b>	pg. 144, 146
<b>Hole Plugs</b>	pg. 145
<b>Assorted Hubs and Cord Grips</b>	pg. 145, 148
<b>All Other Accessories</b>	pg. 144 - 159

### W Modifications

<b>Custom Colors</b>	pg. 12 - 13
<b>Silk Screening</b>	pg. 12 - 13
<b>EMI/RFI Shielding</b>	pg. 12 - 13
<b>Custom Window</b>	pg. 12 - 13
<b>Custom Cutouts/Holes</b>	pg. 12 - 13



# HW

## Technical Specifications - J Series

J

*Opaque Cover "HW" configuration - Hinged, 2 cover screws*



### HW Construction

<b>Material</b>	Hot compression molded fiberglass reinforced polyester (thermoset). Available standard in Glacier Grey or White
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### HW Industry Standards

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<b>NEMA 250</b>	Type 1, 3R, 4X, 6P, 12
<b>CSA Std C22.2</b>	File LR069014 Type 1, 3R, 4X, 6P, 12
<b>Temperature Range</b>	(-76°F to +274°F) (-60°C to +134°C)
<b>Flammability Rating</b>	UL94-5V
<b>Self Extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)

NOTES:

### HW Accessories

#### Back Panels

<b>Aluminum</b>	BP_AL	pg. 149 - 150
<b>Fiberglass</b>	BP_FG	pg. 149 - 150
<b>Stainless Steel</b>	BP_SS	pg. 149 - 150
<b>Carbon Steel</b>	BP_CS	pg. 149 - 150

#### Accessories

<b>Drain &amp; Breather Vents</b>	pg. 144, 146
<b>Hole Plugs</b>	pg. 145
<b>Assorted Hubs and Cord Grips</b>	pg. 145, 148
<b>All Other Accessories</b>	pg. 144 - 159

### HW Modifications

<b>Custom Colors</b>	pg. 12 - 13
<b>Silk Screening</b>	pg. 12 - 13
<b>EMI/RFI Shielding</b>	pg. 12 - 13
<b>Custom Window</b>	pg. 12 - 13
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# Technical Specifications - J Series

J

*Opaque Cover "FHW" configuration - Fiberglass hinge, four cover screws*



## **FHW** Construction

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<b>Self Extinguishing</b>	Non-halogenated, non-flame propagating
<b>Chemical Resistance</b>	Full chemical resistance charts listed in appendix
<b>NFPA No. 101 Flame Spread</b>	Class A (1)

### NOTES:

## **FHW** Accessories

### Back Panels

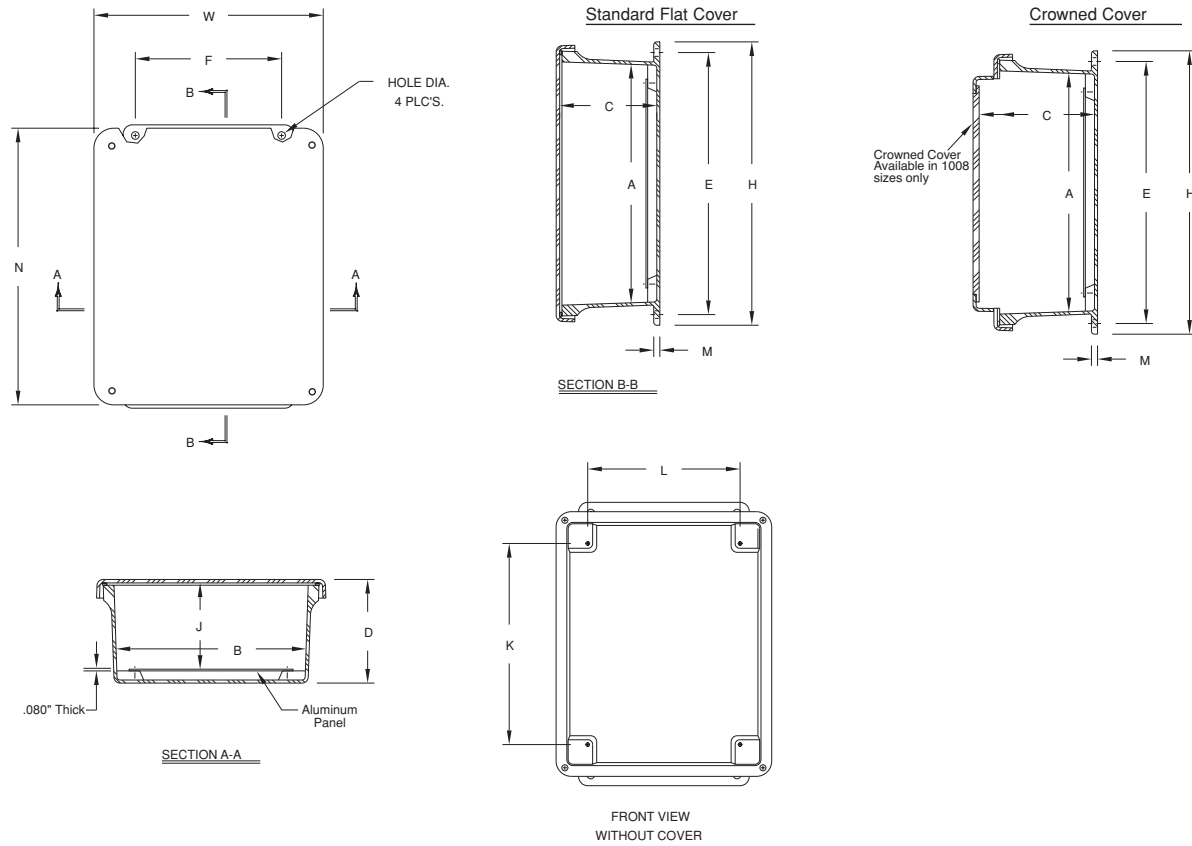
<b>Aluminum</b>	BP__AL	pg. 149 - 150
<b>Fiberglass</b>	BP__FG	pg. 149 - 150
<b>Stainless Steel</b>	BP__SS	pg. 149 - 150
<b>Carbon Steel</b>	BP__CS	pg. 149 - 150

### Accessories

<b>Drain &amp; Breather Vents</b>	pg. 144, 146
<b>Hole Plugs</b>	pg. 145
<b>Assorted Hubs and Cord Grips</b>	pg. 145, 148
<b>All Other Accessories</b>	pg. 144 - 159

## **FHW** Modifications

<b>Custom Colors</b>	pg. 12 - 13
<b>Silk Screening</b>	pg. 12 - 13
<b>EMI/RFI Shielding</b>	pg. 12 - 13
<b>Custom Window</b>	pg. 12 - 13
<b>Custom Cutouts/Holes</b>	pg. 12 - 13



J Series Enclosures - Opaque Cover											
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\*Crowned cover – center of cover raised 3/4"

\*\*Panel ordered separately

\*\*\*Available in white by placing WH prior to part number ex. WH-J604HW