

Triton™ Series

Proven Protection When “Big Is Better!”

Triton (T) Series enclosures are used where heavy industrial equipment needs protection. These fiberglass-reinforced polyester enclosures are ideal for the mounting of high voltage electrical systems where wiring needs sufficient bend radius to enter the cabinet. They are perfect for applications involving diverse environmental conditions. **Triton’s** rating is built to meet rugged construction requirements and offer protection against falling rain and sleet and remain undamaged by external ice formation. Integral mounting feet enable easy installation.

In addition to wall mounted control enclosures, the **Triton** Series offers large and freestanding enclosures. These are dimensionally large enclosures (48 x 36 to 90 x 72). The **Triton** Series has been designed for use in larger industrial control systems and machine tool control panels. They provide a rugged cabinet for use in both indoor and outdoor applications and across a range of difficult environments. These larger size wall mount or freestanding enclosures are designed for the maximum available space for electrical, hydraulic, or mechanical control circuits.

The **Triton** series is used in a daunting range of environmental conditions. A high level of protection is required in conditions involving water, chemical wash-down, wind-blown dust, rain, sleet and external ice formation. An aggressive sealing system is used to meet these rigorous demands. **Triton’s** stainless steel hinged, latched down cover series is a natural choice for process control where moisture or chemical environments require unique protection.

TRITON SERIES ATTRIBUTES

- Available in 2 cover options:
 1. Opaque cover
 2. Flush bonded window
- Fiberglass reinforced polyester material
- Memory retaining polyurethane gasket
- 304 series stainless steel hardware
- Integral mounting feet
- Molded in panel mounting inserts or studs
- High temperature, flame-retardant, non corrosive, environmental designs
- Wall mount or free standing configurations

TRITON SERIES INDUSTRY STANDARDS

UL/cUL File #	E64358
NEMA Ratings (UL508A, UL50 & UL50e)	1, 3, 3R, 4X, 12
CSA Std. C22.2 File #	LR069014
IEC 60529 Ratings	IP66 per UL File# E362920
UL 1741 File #	E333478
Temperature Range	(-76°F to +274°F) (-60°C to +134°C)
Flammability Rating	UL94-5V
Self Extinguishing	Non-Halogenated, Non-flame propagating
NFPA No. 101 Flame Spread	Class A (1)
Impact Rating	IK10
Certifications	UL, IEC, CSA, REACH, RoHS
Outdoor UV Exposure (UL 746C)	(f1) Rated
Chemical Resistance	See chart on page 120

Triton (T)



HWT

Triton | Flush Bonded Window (TW)



HWT

Triton | Series Free-Standing (T_FS)



HWT



CONSTRUCTION

Material (Box & Cover)	Hot Compression Molded Fiberglass Reinforced Polyester (Thermoset)
Gasket	Poured polyurethane seamless gasket
Back Panel Screw Size	#3/8-16 x 1/2 Hex Bolt
Hinge and Latch Hardware	304 Stainless Steel
Soft Edge Design	Rounded Edges, Minimal Protrusions Or Exposed Pocket Areas

INDUSTRY STANDARDS

UL/cUL File #	E64358
NEMA Ratings (UL508A, UL50 & UL50e)	1, 3, 3R, 4X, 12
CSA Std. C22.2 File #	LR069014
IEC 60529 Ratings	IP66
UL 1741 File #	E333478 per UL File# E362920
Temperature Range	(-76°F to +274°F) (-60°C to +134°C)
Flammability Rating	UL94-5V
Self Extinguishing	Non-Halogenated, Non-flame propagating
NFPA No. 101 Flame Spread	Class A (1)
Impact Rating	IK10
Certifications	UL, IEC, CSA, REACH, RoHS
Outdoor UV Exposure (UL 746C)	(f1) Rated
Chemical Resistance	See chart on page 120

ACCESSORIES

BACK PANELS

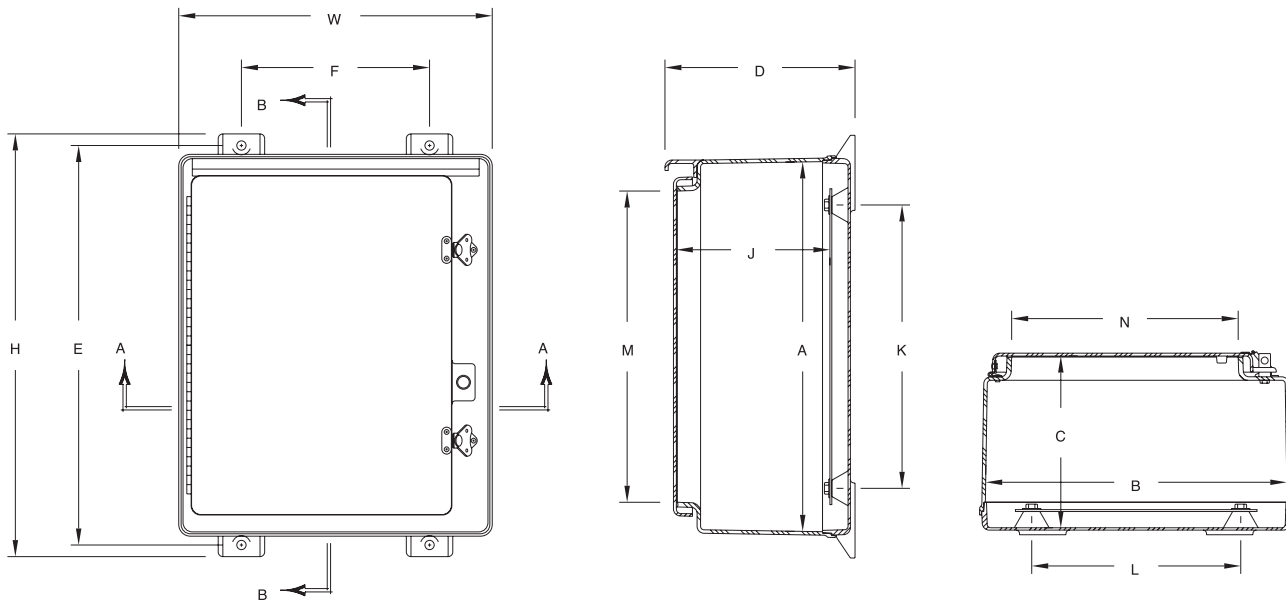
Aluminum	BPT__A	pg. 108
Carbon Steel	BPT__CS	pg. 108

ACCESSORIES

4X Breather Vent	pg. 102
4X Drain Vent	pg. 102
Pluggit	pg. 103
Thermal Accessories	pg. 115
All Other Accessories	Pg. 102-117

MODIFICATIONS

Custom Colors	pg. 10-11
Silk Screening	pg. 10-11
EMI/RFI Shielding	pg. 10-11
Custom Window	pg. 10-11
Custom Cutouts/Holes	pg. 10-11



TRITON SERIES OPAQUE COVER ENCLOSURES

SIZE ID NUMBER	OVERALL H X W X D	INSIDE A X B X C	MOUNTING E X F	J	K	L	ENCLOSURE OPENING M X N	NO. OF LATCHES	SHIPPING WEIGHT	PANEL NUMBER
T24208HWT	27.00 x 21.24 x 9.90 (686 x 539 x 252)	24.05 x 20.39 x 9.25 (611 x 518 x 235)	25.75 x 14.00 (654 x 356)	8.25 (209)	19.25 (489)	15.25 (387)	21.25 x 16.00 (540 x 406)	2	32 lbs.	BPT2420**
T242010HWT*	27.00 x 21.24 x 11.90 (686 x 539 x 302)	24.05 x 20.39 x 11.25 (611 x 518 x 286)	25.75 x 14.00 (654 x 356)	8.25 (209)	19.25 (489)	15.25 (387)	21.25 x 16.00 (540 x 406)	2	37 lbs.	BPT2420**
T242410HWT	27.00 x 25.24 x 11.90 (686 x 641 x 302)	24.05 x 24.39 x 11.25 (611 x 619 x 286)	25.75 x 17.87 (654 x 454)	10.25 (260)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	2	38.5 lbs.	BPT2424**
T242412HWT*	27.00 x 25.24 x 13.90 (686 x 641 x 353)	24.05 x 24.39 x 13.25 (611 x 619 x 336)	25.75 x 17.87 (654 x 454)	12.25 (311)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	2	42.1 lbs.	BPT2424**
T30208HWT	32.86 x 20.99 x 9.89 (835 x 533 x 251)	29.90 x 20.14 x 9.23 (760 x 511 x 234)	31.75 x 14.25 (806 x 362)	8.23 (209)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	2	37 lbs.	BPT3020**
T302410HWT	33.41 x 26.32 x 11.95 (849 x 668 x 304)	30.46 x 25.47 x 11.27 (774 x 647 x 286)	32.25 x 18.50 (819 x 470)	10.27 (261)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	2	52.2 lbs.	BPT3024**
T363010HWT	39.31 x 32.50 x 12.05 (999 x 826 x 306)	36.31 x 31.69 x 11.36 (922 x 805 x 289)	38.13 x 23.88 (968 x 606)	10.36 (263)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	3	69 lbs.	BPT3630**
T363012HWT	39.31 x 32.50 x 14.05 (999 x 826 x 357)	36.31 x 31.69 x 13.36 (922 x 805 x 339)	38.13 x 23.88 (968 x 606)	12.36 (314)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	3	71.6 lbs.	BPT3630**
T483612HWT	51.29 x 36.62 x 13.93 (1303 x 930 x 354)	48.33 x 36.22 x 13.25 (1228 x 920 x 336)	50.12 x 28.50 (1273 x 724)	12.25 (311)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	10	96 lbs.	BPT4836**
T483616HWT	51.29 x 36.62 x 17.93 (1303 x 930 x 456)	48.33 x 32.22 x 17.25 (1228 x 920 x 438)	50.12 x 28.50 (1273 x 724)	16.25 (413)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	10	109 lbs.	BPT4836**
T603612HWT	64.00 x 36.50 x 14.12 (1627 x 927 x 359)	60.62 x 36.13 x 13.44 (1540 x 918 x 441)	62.75 x 28.75 (1594 x 730)	12.44 (316)	27.63 (702)	31.25 (794)	57.25 x 32.00 (1454 x 813)	11	125 lbs.	BPT6036**
T603616HWT	64.00 x 36.50 x 18.12 (1627 x 927 x 460)	60.62 x 36.13 x 17.44 (1540 x 918 x 443)	62.75 x 28.75 (1594 x 730)	16.44 (418)	27.63 (702)	31.25 (794)	57.25 x 32.00 (1454 x 813)	11	130 lbs.	BPT6036**

*Available as made to order. All measures are in inches, items in parentheses are in millimeters.

NOTE: Mounting hole dimension is .50 inches.

**Panel ordered separately.

Triton | Flush Bonded Window | HWT

STAINLESS STEEL HINGED, LATCHED DOWN COVER, WINDOW



CONSTRUCTION

Material (Box & Cover)	Hot Compression Molded Fiberglass Reinforced Polyester (Thermoset)
Gasket	Poured polyurethane seamless gasket
Window	Acrylic - Super Abrasion Resistant (SAR)
Back Panel Screw Size	#3/8-16 x 1/2 Hex Bolt
Hinge and Latch Hardware	304 Stainless Steel
Soft Edge Design	Rounded Edges, Minimal Protrusions Or Exposed Pocket Areas

INDUSTRY STANDARDS

UL/cUL File #	E64358
NEMA Ratings (UL508A, UL50 & UL50e)	1, 3, 3R, 4X, 12
CSA Std. C22.2 File #	LR069014
UL 1741 File #	E333478
Temperature Range	(-76°F to +274°F) (-60°C to +134°C)
Flammability Rating	UL94-5V
Window Temperature Range	(-26°F to +170°F) (-32°C to +76°C)
Window Flammability Rating	UL94-HB
Self Extinguishing	Non-Halogenated, Non-flame propagating
NFPA No. 101 Flame Spread	Class A (1)
Impact Rating	IK10
Certifications	UL, CSA, CE, REACH, RoHS
Outdoor UV Exposure (UL 746C)	(f1) Rated
Chemical Resistance	See chart on page 120

ACCESSORIES

BACK PANELS

Aluminum	BPT__A	pg. 108
Carbon Steel	BPT__CS	pg. 108

ACCESSORIES

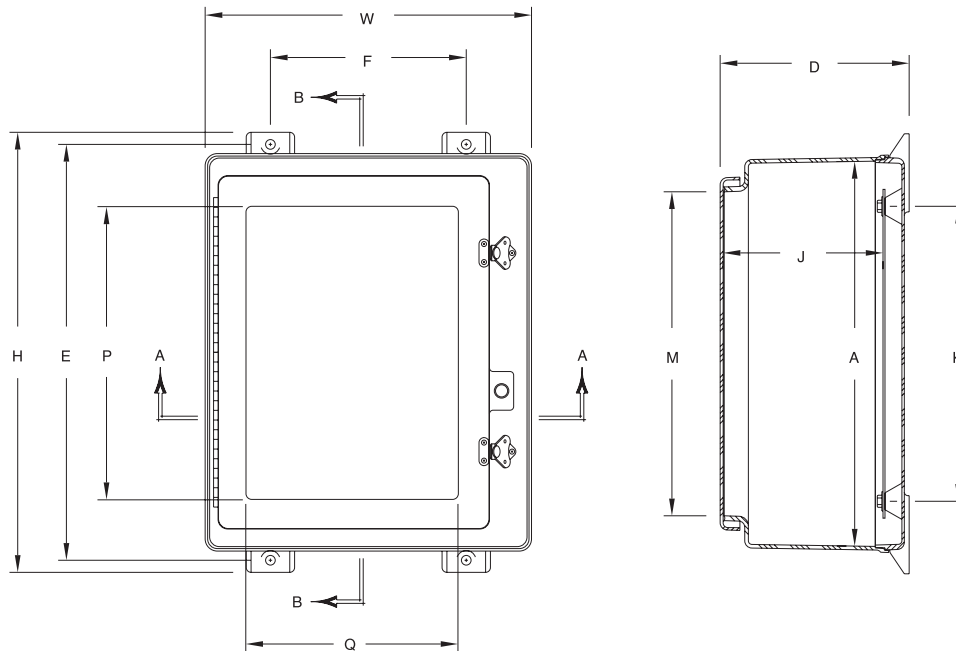
4X Breather Vent	pg. 102
4X Drain Vent	pg. 102
PluggIt	pg. 103
Thermal Accessories	pg. 115
All Other Accessories	Pg. 102-117

MODIFICATIONS

Custom Colors	pg. 10-11
Silk Screening	pg. 10-11
EMI/RFI Shielding	pg. 10-11
Custom Window	pg. 10-11
Custom Cutouts/Holes	pg. 10-11

Triton | Flush Bonded Window | HWT

TECHNICAL DRAWINGS / DIMENSIONS



TRITON SERIES WINDOW ENCLOSURES

SIZE ID NUMBER	OVERALL H X W X D	INSIDE A X B X C	WINDOW AREA (MAXIMUM) P X Q	MOUNTING E X F	J	K	L	ENCLOSURE OPENING M X N	NO. OF LATCHES	SHIPPING WEIGHT	PANEL NUMBER
TW24208HWT	27.00 x 21.24 x 9.90 (686 x 539 x 252)	24.05 x 20.39 x 9.25 (611 x 518 x 235)	19 x 14 (483 x 356)	25.75 x 14.00 (654 x 356)	8.25 (209)	19.25 (489)	15.25 (387)	21.25 x 16.00 (540 x 406)	4	34 lbs.	BPT2420*
TW242410HWT	27.00 x 25.24 x 11.90 (686 x 641 x 302)	24.05 x 24.39 x 11.25 (611 x 619 x 286)	19 x 18 (483 x 457)	25.75 x 17.87 (654 x 454)	10.25 (260)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	4	45 lbs.	BPT2424*
TW30208HWT	32.86 x 20.99 x 9.89 (835 x 533 x 251)	29.90 x 20.14 x 9.23 (760 x 511 x 234)	24 x 14 (610 x 356)	31.75 x 14.25 (806 x 362)	8.23 (209)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	5	39 lbs.	BPT3020*
TW302410HWT	33.41 x 26.32 x 11.95 (849 x 668 x 304)	30.46 x 25.47 x 11.27 (774 x 647 x 286)	25 x 19 (635 x 483)	32.25 x 18.50 (819 x 470)	10.27 (261)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	5	54 lbs.	BPT3024*
TW363012HWT	39.31 x 32.50 x 14.05 (999 x 826 x 357)	36.31 x 31.69 x 13.36 (922 x 805 x 339)	31 x 25 (787 x 635)	38.13 x 23.88 (968 x 606)	12.36 (314)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	5	86 lbs.	BPT3630*
TW483612HWT	51.29 x 36.62 x 13.93 (1303 x 930 x 354)	48.33 x 36.22 x 13.25 (1228 x 920 x 336)	43 x 30 (1092 x 762)	50.12 x 28.5 (1273 x 724)	12.25 (311)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	10	99.8 lbs.	BPT4836*

All measures are in inches, items in parentheses are in millimeters
*Panel ordered separately.

Triton | Free-Standing | HWT

SS HINGED, LATCHED DOWN COVER



CONSTRUCTION

Material (Box & Cover)	Hand Lay-up Molded Fiberglass Reinforced Polyester (Thermoset)
Gasket	Neoprene
Back Panel Screw Size	#3/8-16 Stud
Hinge and Latch Hardware	304 Stainless Steel
Soft Edge Design	Rounded Edges, Minimal Protrusions Or Exposed Pocket Areas

INDUSTRY STANDARDS

UL/cUL File #	E64358
NEMA Ratings (UL508A, UL50 & UL50e)	1, 3, 3R, 4X, 12
CSA Std. C22.2 File #	LR069014
IEC 60529 Ratings	IP66 per UL File# E362920
UL 1741 File #	E333478
Temperature Range	(-76°F to +274°F) (-60°C to +134°C)
Flammability Rating	UL94-5V
Self Extinguishing	Non-Halogenated, Non-flame propagating
NFPA No. 101 Flame Spread	Class A (1)
Impact Rating	IK10
Certifications	UL, IEC, CSA, REACH, RoHS
Outdoor UV Exposure (UL 746C)	(f1) Rated
Chemical Resistance	See chart on page 120

ACCESSORIES

BACK PANELS

Aluminum	BPT__A	pg. 108
Carbon Steel	BPT__CS	pg. 108

ACCESSORIES

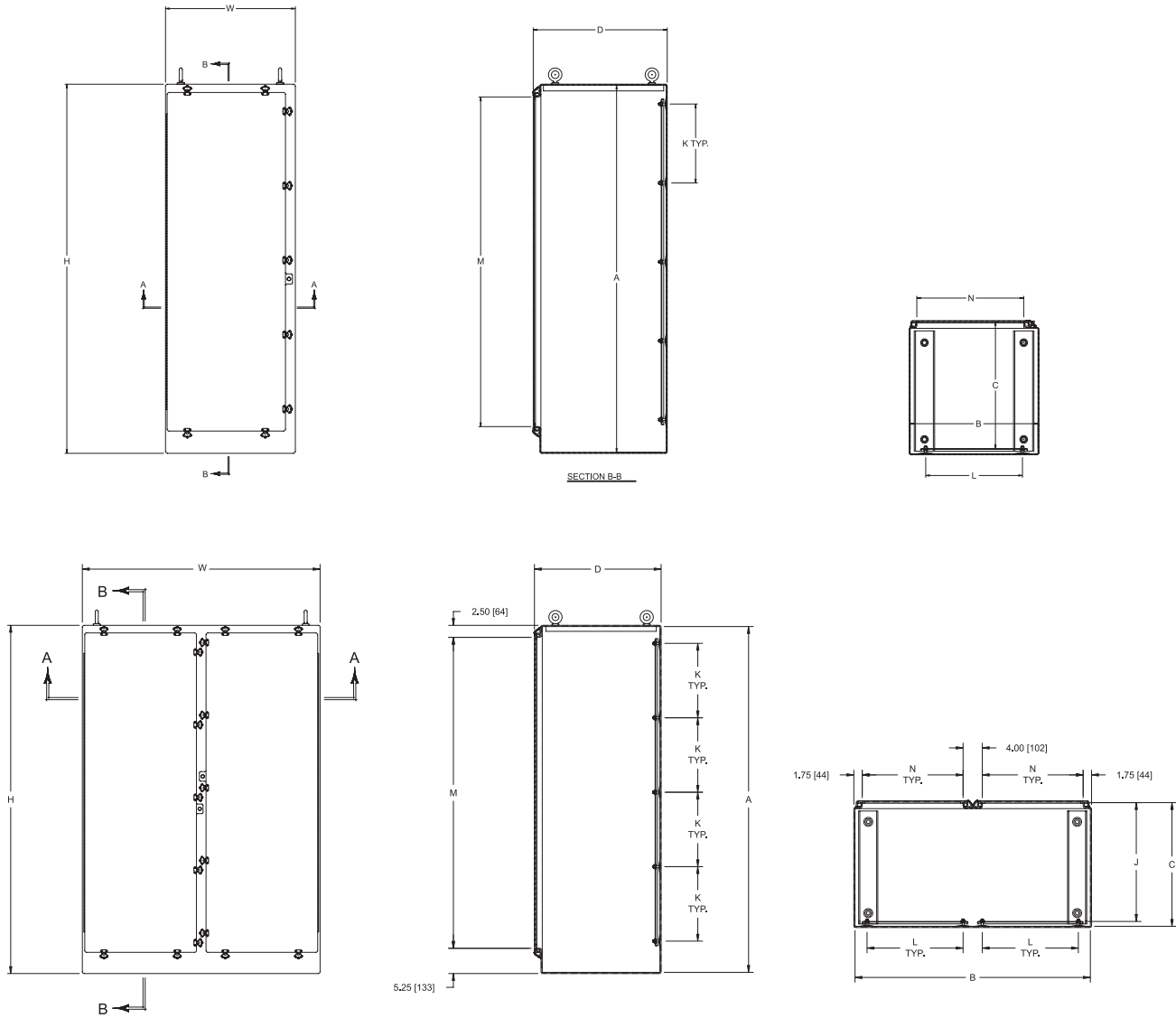
4X Breather Vent	pg. 102
4X Drain Vent	pg. 102
Pluggit	pg. 103
Thermal Accessories	pg. 115
All Other Accessories	Pg. 102-117

MODIFICATIONS

Custom Colors	pg. 10-11
Silk Screening	pg. 10-11
EMI/RFI Shielding	pg. 10-11
Custom Window	pg. 10-11
Custom Cutouts/Holes	pg. 10-11

Triton | Free-Standing | HWT

TECHNICAL DRAWINGS / DIMENSIONS



TRITON SERIES FREE STANDING ENCLOSURES

SIZE ID NUMBER	OVERALL H X W X D	INSIDE A X B X C	J	K	L	ENCLOSURE OPENING M X N	NO. OF LATCHES	SHIPPING WEIGHT	PANEL NUMBER
T722525FSHWT*	72.50 x 25.50 x 26.38 (1841 x 648 x 670)	72.00 x 25.00 x 25.88 (1829 x 635 x 657)	24.88 (632)	15.50 (388)	19.00 (483)	64.75 x 21.00 (1645 x 533)	9	230 lbs.	BPT7225**
T724925FSDDHWT*	72.50 x 49.50 x 26.38 (1842 x 1257 x 670)	72.00 x 49.00 x 25.88 (1829 x 1245 x 654)	24.88 (628)	15.50 (394)	20.00 (508)	64.75 x 21.00 (1645 x 533)	10	520 lbs.	BPT7249**
T907236FSDDHWT*	90.50 x 72.50 x 37.38 (2299 x 1842 x 949)	90.00 x 72.00 x 36.88 (2286 x 1829 x 937)	35.88 (911)	20.00 (508)	31.5 (800)	82.75 x 32.13 (2102 x 816)	24	657 lbs.	BPT9072**

*Available as made to order.

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

NOTE: Mounting hole dimension is .50 inches.

**Panel ordered separately.