

Stahlin designates its largest sizes and upright cabinets as the ControlTower® Series. ControlTower® includes configurations of NEMA 4X, 12 and 3R in a variety of styles such as single and double door formations, as well as wall mount and free standing. Large control enclosures are used in a variety of applications involving diverse environmental conditions. Double door configurations are available only on designated sizes. Wall mount configurations or free standing enclosures are also determined by size. Stahlin's ControlTower® enclosures are built to meet rugged construction requirements and offer protection against windblown dust, rain, sleet and external ice formation.

Ordering Information - Deriving Catalog Numbers

exact catalog numbers on following pages

Control Enclosures ControlTower® - Inside Dimensions

Size ID	H x W x D	Optional Panel #
N483612	48 x 36 x 12	BP4836AL
N483616	48 x 36 x 16	BP4836AL
N603612	60 x 36 x 12	BP6036AL
N603616	60 x 36 x 16	BP6036AL
N364812	36 x 48 x 12	BP4836AL
N722525	72 x 25 x 25	BP7225AL
N724925	72 x 49 x 25	BP7249AL

Optional back panels available in various materials. See page 247

Control Enclosures ControlTower® - Configurations

Configuration ID	DESCRIPTION
WT	Type 4X, single door, latched down cover
DDWT-	Type 4X, double door, latched down cover
FSWT-	Type 4X, free standing, latched down cover
FSDDW	Type 4X, free standing, double door, latched down cover
HWT	Type 4X, single door, SS hinged, latched down cover
DDHWT	Type 4X, double door, SS hinged, latched down cover
FSHWT	Type 4X, free standing, single door, SS hinged, latched down cover
FSDDHWT	Type 4X, free standing, double door, SS hinged, latched down cover
FHLWT	Type 4X, single door, fiberglass hinged, through the door latches
DDFHLWT	Type 4X, double door, fiberglass hinged, through the door latches
FSFHLWT	Type 4X, free standing, fiberglass hinged, through the door latches
FSDDFHLWT	Type 4X, double door, fiberglass hinged, through the door latches
Type 12	Type 12, SS hinged, latched down cover
DD	Type 12, double door, SS hinged, latched down cover
FS	Type 12, free standing, single door, SS hinged, latched down cover
FSDD	Type 12, free standing, double door, SS hinged, latched down cover
RT	Type 3R, single door, SS hinged, latched down cover
DDRT	Type 3R, double door, SS hinged, latched down cover
FSRT	Type 3R, free standing, single door, SS hinged, latched down cover
FSDDR	Type 3R, free standing, double door, SS hinged, latched down cover
FHLRT	Type 3R, single door, fiberglass hinged, through the door latches
DDFHLRT	Type 3R, double door, fiberglass hinged, through the door latches
FSFHLRT	Type 3R, free standing, fiberglass hinged, through the door latches
FSDDFHLRT	Type 3R, free standing, double door, fiberglass hinged, through the door latches

Control Enclosures ControlTower® Shared Characteristics

Construction

Material	Hot compression molded fiberglass reinforced polyester, hand layup FRP
Gasket	Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
Stainless Steel Hardware	300 Series stainless used on all hardware
Twistlock Latches	Ease of entry into enclosure
Mounting Bosses	Panel mounting capability for fixed rear panel
Metal Inserts	All bosses utilize threaded brass inserts
Integral Mounting Feet	Ease of installation on all wall mount products
Floor Standing	Floor mounting of all free standing configurations
Fiberglass Hinges	Alternate style non metallic hinges available
Double Doors	Two doors opening from center on all appropriate configurations
Rigid Side Walls	Excellent mechanical strength for component mounting
Light Gray Color	Pleasing aesthetics for any application

Physical Characteristics

Non corrosive	Stands up to an exceptionally broad range of chemical exposures
Water-tight	As designated on Type 4X enclosures
Dust-tight	Results in an environmentally sealed, environmentally sound space
Impact resistant	Resilient material with high impact resistance
Non Conductive	Double insulated material. No incidental electrical contact
Light weight	Solid construction in a lightweight design
UV resistant	Minimizes the affects of sunlight
Workable material	Cuts, drills, punches, and saws with ease and accuracy
Easy maintenance	Scratches and gouges can be restored with a petroleum jelly product
Pleasing aesthetics	Smooth lines, soft colors easily blend into customer's design concepts
Color/Finish	Smooth surface, no color variations, swirls, or color pockets, no voids.

Industry Standards

UL/cUL 50	File E64358 Type 1, 3, 3R, 4X, 12 as designated
NEMA 250	Type 1, 3, 3R, 4X, 12 as designated
CSA Std C22.2	File LR069014 Type 1, 3, 3R, 4X, 12 as designated
Temperature Range	(-40°F to +250°F) (-40°C to +130°C)
Flammability Rating	UL94-5V
Window flammability	UL94V-0
Self extinguishing	Non-flame propagating
Chemical Resistance	Full chemical resistance charts listed in appendix

N ControlTower® Type 4X, single door

- WT Single door, latched down cover
- HWT Single door, SS hinged, latched down cover
- FHLWT Single door, fiberglass hinged, through the door latches

Design Features

- Rigid body construction and watertight seal
- Single door or double door construction
- Memory retaining polyurethane gasketing
- Wall mount or free standing available *
- Molded in panel mounting inserts or studs
- Carrying eyelets and reinforcement crossbar construction
- Built in padlock hasp



N4836HWT

N ControlTower® Type 4X, double door

- DDWT Double door, latched down cover
- DDHWT Double door, SS hinged, latched down cover
- DDFHLWT Double door, fiberglass hinged, through the door latches

Design Features

- Rigid body construction and watertight seal
- Double door construction for ease of entry
- Memory retaining polyurethane gasketing
- Wall mount or free standing available *
- Molded in panel mounting inserts or studs
- Special panel configurations available including dead front panels
- Built in padlock hasp



N724925FSDDHWT

* Free standing available in 722525 & 724925 sizes only

N ControlTower® Type 4X, free standing

- FSWT Free standing, latched down cover
- FSHWT Free standing, single door, SS hinged, latched down cover
- FSDDHWT Free standing, double door, SS hinged, latched down cover
- FSDDWT Free standing, double door, latched down cover
- FSDDFHLWT Free standing, double door, fiberglass hinged, through the door latches
- FSFHLWT Free standing, fiberglass hinged, through the door latches



N724925FSDDWT

Design Features

- Rigid body construction and watertight seal
- Free standing design
- Single or double door
- Memory retaining neoprene gasketing
- Integral mounting feet for ease of installation
- Molded in panel mounting inserts or studs
- Special panel configurations available including dead front panels
- Built in padlock hasp

N ControlTower® Type 12

- Type 12 SS hinged, latched down cover
- DD Double door, SS hinged, latched down cover
- FS Free standing, single door, SS hinged, latched down cover
- FSDD Free standing, double door, SS hinged, latched down cover



N4836

Design Features

- Rigid body construction and watertight seal
- Memory retaining polyurethane gasketing
- Integral mounting feet for ease of installation
- Molded in panel mounting inserts or studs
- Special panel configurations available including dead front panels
- Built in padlock hasp

N ControlTower® Type 3R

- RT Single door, SS hinged, latched down cover
- FHLRT Single door, fiberglass hinged, through the door latches
- DDRT Double door, SS hinged, latched down cover
- DDFHLRT Double door, fiberglass hinged, through the door latches
- FSRT Free standing, single door, SS hinged, latched down cover *
- FSDDRT Free standing, double door, SS hinged, latched down cover
- FSFHLRT Free standing, fiberglass hinged, through the door latches
- FSDDFHLRT Free standing, double door, fiberglass hinged, through the door latches



N242410RT

Design Features

- Rigid body construction and watertight seal
- Memory retaining polyurethane gasketing
- Integral mounting feet for ease of installation
- Molded in panel mounting inserts or studs
- Special panel configurations available including dead front panels
- Built in padlock hasp

* Free standing available in 722525 & 724925 sizes only

Control Enclosures - "ControlTower®" Configurations (continued)

ControlTower® Type 4X- "WT" Configuration Dimensions

CATALOG 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	ENCLOSURE WEIGHT	PANEL NUMBER
N483612WT	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 29.25 (1273 x 743)	12.25 (311)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	98 lbs.	BP-4836
N483616WT	51.29 x 36.62 x 17.93 (1303 x 930 x 456)	48.33 x 36.22 x 17.25 (1228 x 920 x 438)	50.12 x 29.25 (1273 x 743)	16.25 (413)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	108 lbs.	BP-4836
N603612WT*	63.50 x 36.50 x 14.12 (1613 x 927 x 359)	60.13 x 36.13 x 13.44 (1527 x 918 x 341)	62.25 x 28.50 (1581 x 724)	12.44 (316)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	145 lbs.	BP-6036
N603616WT*	63.50 x 36.50 x 18.12 (1613 x 927 x 460)	60.13 x 36.13 x 17.44 (1527 x 918 x 443)	62.25 x 28.50 (1581 x 724)	16.44 (418)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	155 lbs.	BP-6036
N364812DDWT*	39.50 x 48.50 x 13.63 (1003 x 1232 x 346)	36.13 x 48.13 x 12.81 (918 x 1222 x 325)	38.25 x 40.50 (972 x 1029)	11.81 (300)	29 (737)	20 (508)	32.00 x 20.75 (813 x 527)	150 lbs.	BP-3648
N722525FSWT	72.50 x 25.50 x 26.38 (1842 x 648 x 670)	72.00 x 25.00 x 25.75 (1829 x 635 x 654)	freestanding	24.74 (628)	62 (1575)	19 (483)	64.75 x 21.00 (1645 x 533)	225 lbs.	BP-7225
N724925FSDDWT	72.50 x 49.50 x 26.38 (1842 x 1257 x 670)	72.00 x 49.00 x 25.75 (1829 x 1245 x 654)	freestanding	24.74 (628)	62 (1575)	20 (508)	64.75 x 21.00 (1645 x 533)	520 lbs.	BP-7249

ControlTower® Type 4X- "HWT" Configuration Dimensions

CATALOG 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	ENCLOSURE WEIGHT	PANEL NUMBER
N483612HWT	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 29.25 (1273 x 743)	12.25 (311)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	98 lbs.	BP-4836
N483616HWT	51.29 x 36.62 x 17.93 (1303 x 930 x 456)	48.33 x 36.22 x 17.25 (1228 x 920 x 438)	50.12 x 29.25 (1273 x 743)	16.25 (413)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	108 lbs.	BP-4836
N603612HWT*	63.50 x 36.50 x 14.12 (1613 x 927 x 359)	60.13 x 36.13 x 13.44 (1527 x 918 x 341)	62.25 x 28.50 (1581 x 724)	12.44 (316)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	145 lbs.	BP-6036
N603616HWT*	63.50 x 36.50 x 18.12 (1613 x 927 x 460)	60.13 x 36.13 x 17.44 (1527 x 918 x 443)	62.25 x 28.50 (1581 x 724)	16.44 (418)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	155 lbs.	BP-6036
N364812DDHWT*	39.50 x 48.50 x 13.63 (1003 x 1232 x 346)	36.13 x 48.13 x 12.81 (918 x 1222 x 325)	38.25 x 40.50 (972 x 1029)	11.81 (300)	29 (737)	20 (508)	32.00 x 20.75 (813 x 527)	150 lbs.	BP-3648
N722525FSHWT	72.50 x 25.50 x 26.38 (1842 x 648 x 670)	72.00 x 25.00 x 25.75 (1829 x 635 x 654)	freestanding	24.74 (628)	62 (1575)	19 (483)	64.75 x 21.00 (1645 x 533)	225 lbs.	BP-7225
N724925FSDDHWT	72.50 x 49.50 x 26.38 (1842 x 1257 x 670)	72.00 x 49.00 x 25.75 (1829 x 1245 x 654)	freestanding	24.74 (628)	62 (1575)	20 (508)	64.75 x 21.00 (1645 x 533)	520 lbs.	BP-7249

ControlTower® Type 4X- "FHLWT" Configuration Dimensions

CATALOG 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	ENCLOSURE WEIGHT	PANEL NUMBER
N483612FHLWT	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 29.25 (1273 x 743)	12.25 (311)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	98 lbs.	BP-4836
N483616FHLWT	51.29 x 36.62 x 17.93 (1303 x 930 x 456)	48.33 x 36.22 x 17.25 (1228 x 920 x 438)	50.12 x 29.25 (1273 x 743)	16.25 (413)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	108 lbs.	BP-4836
N603612FHLWT*	63.50 x 36.50 x 14.12 (1613 x 927 x 359)	60.13 x 36.13 x 13.44 (1527 x 918 x 341)	62.25 x 28.50 (1581 x 724)	12.44 (316)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	145 lbs.	BP-6036
N603616FHLWT*	63.50 x 36.50 x 18.12 (1613 x 927 x 460)	60.13 x 36.13 x 17.44 (1527 x 918 x 443)	62.25 x 28.50 (1581 x 724)	16.44 (418)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	155 lbs.	BP-6036
N364812DDFHLWT*	39.50 x 48.50 x 13.63 (1003 x 1232 x 346)	36.13 x 48.13 x 12.81 (918 x 1222 x 325)	38.25 x 40.50 (972 x 1029)	11.81 (300)	29 (737)	20 (508)	32.00 x 20.75 (813 x 527)	150 lbs.	BP-3648
N722525FSFHLWT	72.50 x 25.50 x 26.38 (1842 x 648 x 670)	72.00 x 25.00 x 25.75 (1829 x 635 x 654)	freestanding	24.74 (628)	62 (1575)	19 (483)	64.75 x 21.00 (1645 x 533)	225 lbs.	BP-7225
N724925FSDDFHLWT	72.50 x 49.50 x 26.38 (1842 x 1257 x 670)	72.00 x 49.00 x 25.75 (1829 x 1245 x 654)	freestanding	24.74 (628)	62 (1575)	20 (508)	64.75 x 21.00 (1645 x 533)	520 lbs.	BP-7249

*Available as made to order.

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

ControlTower® "Type 12" and "Type 3R" Technical Charts

ControlTower® Type 12 Dimensions

CATALOG 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	ENCLOSURE WEIGHT	PANEL NUMBER
N483612	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 29.25 (1273 x 743)	12.25 (311)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	98 lbs.	BP-4836
N483616	51.29 x 36.62 x 17.93 (1303 x 930 x 456)	48.33 x 36.22 x 17.25 (1228 x 920 x 438)	50.12 x 29.25 (1273 x 743)	16.25 (413)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	108 lbs.	BP-4836
N603612	63.50 x 36.50 x 14.12 (1613 x 927 x 359)	60.13 x 36.13 x 13.44 (1527 x 918 x 341)	62.25 x 28.50 (1581 x 724)	12.44 (316)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	145 lbs.	BP-6036
N603616	63.50 x 36.50 x 18.12 (1613 x 927 x 460)	60.13 x 36.13 x 17.44 (1527 x 918 x 443)	62.25 x 28.50 (1581 x 724)	16.44 (418)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	155 lbs.	BP-6036
N364812DD*	39.50 x 48.50 x 13.63 (1003 x 1232 x 346)	36.13 x 48.13 x 12.81 (918 x 1222 x 325)	38.25 x 40.50 (972 x 1029)	11.81 (300)	29 (737)	20 (508)	32.00 x 20.75 (813 x 527)	150 lbs.	BP-3648
N722525FS†	72.50 x 25.50 x 26.38 (1842 x 648 x 670)	72.00 x 25.00 x 25.75 (1829 x 635 x 654)	freestanding	24.74 (628)	62 (1575)	19 (483)	64.75 x 21.00 (1645 x 533)	225 lbs.	BP-7225
N724925FSDD†	72.50 x 49.50 x 26.38 (1842 x 1257 x 670)	72.00 x 49.00 x 25.75 (1829 x 1245 x 654)	freestanding	24.74 (628)	62 (1575)	20 (508)	64.75 x 21.00 (1645 x 533)	520 lbs.	BP-7249

*Available as made to order

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

ControlTower® Type 3R- "RT" Configuration Dimensions

CATALOG 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	ENCLOSURE WEIGHT	PANEL NUMBER
N483612RT	51.29 x 36.62 x 14.43 (1303 x 930 x 367)	48.33 x 36.22 x 13.25 (1228 x 920 x 336)	50.12 x 29.25 (1273 x 743)	12.25 (311)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	98 lbs.	BP-4836
N483616RT	51.29 x 36.62 x 18.43 (1303 x 930 x 468)	48.33 x 36.22 x 17.25 (1228 x 920 x 438)	50.12 x 29.25 (1273 x 743)	16.25 (413)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	108 lbs.	BP-4836
N603612RT*	63.50 x 36.50 x 14.62 (1613 x 927 x 371)	60.13 x 36.13 x 13.44 (1527 x 918 x 341)	62.25 x 28.50 (1581 x 724)	12.44 (316)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	145 lbs.	BP-6036
N603616RT*	63.50 x 36.50 x 18.62 (1613 x 927 x 473)	60.13 x 36.13 x 17.44 (1527 x 918 x 443)	62.25 x 28.50 (1581 x 724)	16.44 (418)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	155 lbs.	BP-6036
N364812DDRT*	39.50 x 48.50 x 14.13 (1003 x 1232 x 360)	36.13 x 48.13 x 12.81 (918 x 1222 x 325)	38.25 x 40.50 (972 x 1029)	11.81 (300)	29 (737)	20 (508)	32.00 x 20.75 (813 x 527)	150 lbs.	BP-3648
N722525FSRT	72.50 x 25.50 x 26.88 (1842 x 648 x 682)	72.00 x 25.00 x 25.75 (1829 x 635 x 654)	freestanding	24.74 (628)	62 (1575)	19 (483)	64.75 x 21.00 (1645 x 533)	225 lbs.	BP-7225
N724925FSDDRT	72.50 x 49.50 x 26.88 (1842 x 1257 x 682)	72.00 x 49.00 x 25.75 (1829 x 1245 x 654)	freestanding	24.74 (628)	62 (1575)	20 (508)	64.75 x 21.00 (1645 x 533)	520 lbs.	BP-7249

ControlTower® Type 3R- "FHLRT" Configuration Dimensions

CATALOG 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	ENCLOSURE WEIGHT	PANEL NUMBER
N483612FHLRT	51.29 x 36.62 x 14.43 (1303 x 930 x 367)	48.33 x 36.22 x 13.25 (1228 x 920 x 336)	50.12 x 29.25 (1273 x 743)	12.25 (311)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	98 lbs.	BP-4836
N483616FHLRT	51.29 x 36.62 x 18.43 (1303 x 930 x 468)	48.33 x 36.22 x 17.25 (1228 x 920 x 438)	50.12 x 29.25 (1273 x 743)	16.25 (413)	43.25 (1099)	31.25 (794)	45.25 x 32.00 (1149 x 813)	108 lbs.	BP-4836
N603612FHLRT*	63.50 x 36.50 x 14.62 (1613 x 927 x 371)	60.13 x 36.13 x 13.44 (1527 x 918 x 341)	62.25 x 28.50 (1581 x 724)	12.44 (316)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	145 lbs.	BP-6036
N603616FHLRT*	63.50 x 36.50 x 18.62 (1613 x 927 x 473)	60.13 x 36.13 x 17.44 (1527 x 918 x 443)	62.25 x 28.50 (1581 x 724)	16.44 (418)	53.06 (1348)	31 (787)	55.75 x 32.00 (1416 x 813)	155 lbs.	BP-6036
N364812DDFHLRT*	39.50 x 48.50 x 14.13 (1003 x 1232 x 360)	36.13 x 48.13 x 12.81 (918 x 1222 x 325)	38.25 x 40.50 (972 x 1029)	11.81 (300)	29 (737)	20 (508)	32.00 x 20.75 (813 x 527)	150 lbs.	BP-3648
N722525FSFHLRT	72.50 x 25.50 x 26.88 (1842 x 648 x 682)	72.00 x 25.00 x 25.75 (1829 x 635 x 654)	freestanding	24.74 (628)	62 (1575)	19 (483)	64.75 x 21.00 (1645 x 533)	225 lbs.	BP-7225
N724925FSDDFHLRT	72.50 x 49.50 x 26.88 (1842 x 1257 x 682)	72.00 x 49.00 x 25.75 (1829 x 1245 x 654)	freestanding	24.74 (628)	62 (1575)	20 (508)	64.75 x 21.00 (1645 x 533)	520 lbs.	BP-7249

*Available as made to order.

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

ENCLOSURES

CONTROL ENCLOSURES