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GAS:
Fireplaces
Inserts
Stoves

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MHSC - GAS

10/11/2011

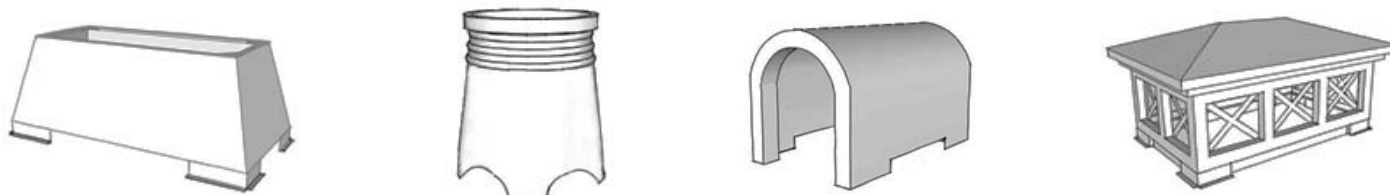
Report #: 457-P-01-5



57 Noll Street, Waukegan, IL 60085
Phone: (847) 244-8860 / Fax: (847) 244-8694
www.chimneyking.com

INSTALLATION INSTRUCTIONS

Monessen Hearth Systems Company Direct Vent Systems & Chimney King Decorative Termination Chimney Shrouds (Open Top, Pot, Mailbox, Roofed / House)



Chimney King decorative chimney shrouds have been tested by OMNI - Test Laboratories, Inc. and have been listed and labeled for use with all MHSC (Monessen Hearth Systems Company), Majestic and Vermont Castings Direct Vent Gas Fireplaces, Gas Inserts and Gas Stoves which use MHSC, Simpson DuraVent, Selkirk, Metal-Fab, Security Chimneys LTD, American Metal Products, Empire, ICC Excel & UL 1777 (3" x 3"), (4" x 6"), (4" x 6 5/8"), (4" x 7") & (5" x 8") direct vent chimney systems and components per MHSC installation instructions. Check with your local building code agency before you begin your installation to ensure compliance with local codes, including the need for permits and follow-up inspections. This document is included with all chimney shrouds that we ship and is also available online at www.chimneyking.com. If you have any questions regarding these installation instructions please call us at (847) 244-8860.

Listed MHSC Direct Vent Gas Fireplace Models:

TRIBUTE: (36CDVZRRN & 36CDVZTRN), **BDV Series:** (BDV300NSC7, BDV300NV7, BDV300PSC7, BDV300PV7, BDV400NSC7, BDV400NV7, BDV400PSC7, BDV400PV7, BDV500NSC7, BDV500NV7, BDV500PSC7, BDV500PV7, BDV600NSC7, BDV600NV7, BDV600PSC7, BDV600PV7), **CDV Series:** (CDVR33NSC117, CDVR33NV117, CDVR33PSC117, CDVR33PV117, CDVT33NSC7, CDVT33NV7, CDVT33PV7, CDVR36NSC7, CDVR36NV7, CDVR36PV7, CDVT36NSC7, CDVT36NV7, CDVT36PSC7, CDVT36PV7, CDVR42NSC7, CDVR42NV7, CDVR42PSC7, CDVR42PV7, CDVT42NSC7, CDVT42NV7, CDVT42PSC7, CDVT42PV7, CDVR47NSC7, CDVR47NV7, CDVR47PSC7, CDVR47PV7, CDVT47NV7, CDVT47PSC7, CDVT47PV7), **BELMONT:** (BLDV300NSC7, BLDV300PSC7, BLDV400NSC7, BLDV400PSC7, BLDV500NSC7, BLDV500PSC7), **HBDV Series:** (HBDV300NSC7, HBDV300PSC7, HBDV400NSC7, HBDV400PSC7), **LEXINGTON:** (LX32DVN, LX32DVP, LX36DVN, LX36DVP), **ARLINGTON:** (36STLDVNSC, 36STLDVPSC, 36CRLDVNSC, 36CRLDVPSC, 36PFLDVNSC, 36PFLDVPSC, 36CLLDVNSC, 36CLLDVPSC), **COVINGTON:** (KHLDV400NTSC, KHLDV400NV, KHLDV400PTSC, KHLDV400PV, KHLDV500NTSC, KHLDV500NV, KHLDV500PTSC, KHLDV500PV, KHLDV600NTSC, KHLDV600PTSC.) **COVINGTON See-Thru:** (KSTDV500NTSC, KSTDV500PTSC), **SERENADE:** (WDV500NTSC, WDV500PTSC, WDV600NTSC, WDV600PTSC), **SERENADE See-Thru:** (WDVST500NTSC, WDVST500PTSC), **MANCHESTER:** (MDV500NSC, MDV500PSC, MDV600NSC, MDV600PSC), **WINCHESTER:** (MLDV500NSC, MLDV500PSC).

Listed MHSC Direct Vent Gas Fireplace Insert Models:

HARMONY: (ICFDV30LNTSC, ICFDV30NTSC), **REVEAL:** (ILDV20NV, ILDV20PV, ILDV30NV, ILDV30PV, ILDV40NV, ILDV40PV), **ACCENT:** (IDV380NVC, IDV380PVC).

Listed MHSC Direct Vent Gas Stove Models:

STRATFORD BAY: (SS38DVBN, SS38DVBP), **FAIRFIELD:** (RFSDV34TSRN, RFSDV34TSRP), **CONCORDE:** (CSDV20SNVEMBC, CSDV20SNVGC, CSDV20SPVEMBC, CSDV20SPVGC, CSDV30SNVEMBC, CSDV30SNVGC, CSDV30SPVEMBC, CSDV30SPVGC, CSDV40SNVEMBC, CSDV40SNVGC, CSDV40SPVEMBC, CSDV40SPVGC), **OXFORD:** (OXDV30NV).

Listed MAJESTIC Direct Vent Fireplace Models:

TRIBUTE: (36CDVZRRN & 36CDVZTRN), **DVB Series** (300DVBNSC7, 300DVBNV7, 300DVBPSC7, 300DVBPV7, 400DVBNSC7, 400DVBNV7, 400DVBPSC7, 400DVBPV7, 500DVBNSC7, 500DVBNV7, 500DVBPSC7, 500DVBPV7, 600DVBNSC7, 600DVBNV7, 600DVBPSC7, 600DVBPV7), **CDV Series:** (CDVR33NSC117, CDVR33NV117, CDVR33PSC117, CDVR33PV117, CDVT33NSC7, CDVT33NV7, CDVT33PV7, CDVR36NSC7, CDVR36NV7, CDVR36PV7, CDVT36NSC7, CDVT36NV7, CDVT36PSC7, CDVT36PV7, CDVR42NSC7, CDVR42NV7, CDVR42PSC7, CDVR42PV7, CDVT42NSC7, CDVT42NV7, CDVT42PSC7, CDVT42PV7, CDVR47NSC7, CDVR47NV7, CDVR47PSC7, CDVR47PV7, CDVT47NV7, CDVT47PSC7, CDVT47PV7), **SOLITAIRE:** (300DVBLNSC7, 300DVBLPSC7, 400DVBLNSC7, 400DVBLPSC7, 500DVBLNSC7, 500DVBLPSC7), **DVBH Series:** (300DVBHNSC7, 300DVBHPSC7, 400DVBHNSC7, 400DVBHPSC7), **LEXINGTON:** (LX32DVN, LX32DVP, LX36DVN, LX36DVP), **PEARL:** (36) (STLDVNSC, STLDVPSC, CRLDVNSC, CRLDVPSC, PFLDVNSC, PFLDVPSC, CLLDVNSC, CLLDVPSC), **MARQUIS:** (KHLDV400NTSC, KHLDV400NV, KHLDV400PTSC, KHLDV400PV, KHLDV500NTSC, KHLDV500NV, KHLDV500PTSC, KHLDV500PV, KHLDV600NTSC, KHLDV600PTSC), **MARQUIS See-Thru:** (KSTDV500NTSC, KSTDV500PTSC), **ECHELON:** (WDV500NTSC, WDV500PTSC, WDV600NTSC, WDV600PTSC), **ECHELON See-Thru:** (WDVST500NTSC, WDVST500PTSC), **CAMEO:** (500DVMNSC, 500DVMNSC, 600DVMNSC, 600DVMNSC), **ONYX:** (MLDV500NSC, MLDV500PSC).

Listed MAJESTIC Direct Vent Fireplace Insert Models:

TOPAZ: (20ILDVNV, 20ILDVPV, 30ILDVNV, 30ILDVPV, 40ILDVNV, 40ILDVPV), **AMBER:** (380IDVNV, 380IDVPV).

Listed MAJESTIC Direct Vent Gas Stove Models:

STRATFORD BAY: (SS38DVBN, SS38DVBP), **FAIRFIELD:** (RFSDV34TSRN, RFSDV34TSRP), **CONCORDE:** (CSDV20SNVEMBC, CSDV20SNVGC, CSDV20SPVEMBC, CSDV20SPVGC, CSDV30SNVEMBC, CSDV30SNVGC, CSDV30SPVEMBC, CSDV30SPVGC, CSDV40SNVEMBC, CSDV40SNVGC, CSDV40SPVEMBC, CSDV40SPVGC), **OXFORD:** (OXDV30NV).

Listed VERMONT CASTINGS Direct Vent Fireplace Models:

AURA: (VWDV70NTSC), **RESOLUTION:** (VHLDV500NTSC, VHLDV500PTSC).

Listed VERMONT CASTINGS Direct Vent Fireplace Insert Models:

VICTORY: (VCFDVI31), **AUGUSTA:** (VLI31DVNTSC, VLI31DVPTSC).

Listed VERMONT CASTINGS Direct Vent Stove Models:

RADIANCE: (RADVTCSCB, RADVTC SBS, RADVTC SBM, RADVTC SEB, RADVTC SBD, RADVTC B, RADVTC BS, RADVTC BM, RADVTC B, RADVTC B), **STARDANCE:** (SDDVTCSCB, SDDVTC SBS, SDDVTC SBM, SDDVTC SEB, SDDVTC SBD, SDDVTC B, SDDVTC BS, SDDVTC BM, SDDVTC B, SDDVTC B), **INTREPID:** (INDVRCB, INDVRBS, INDVRBM, INDVREB, INDVRBD).

NOTICE:

The chimney must extend at least three feet above the highest point where it passes through the roof and at least two feet above any portion of the building within ten feet. These minimum distances comply with national code construction requirements but do not guarantee smoke-free operation.

Chimney King's 'Listed and Labeled' Shroud Styles Include:

OPEN TOP and POT STYLES:

- 1) Monarch, **1b)** Monaco, **1c)** Mojave Sand Raider
- 2) Regal, **2b)** Royale', **2c)** Rings of Saturn
- 3) Dynasty
- 4) Majesty
- 5) Empress, **5b)** Lotus Blossom, **5c)** La Mons
- 6) Emperor, **6b)** Temptress, **6c)** Haute Provence
- 7) Princess
- 8) Prince
- 9) Terra Potta, **9b)** Potta Lotta, **9c)** Curvata Potta, **9d)** Panga Potta
- 10) Imperial
- 11) Centurion
- 12) Spanish Arches
- 13) Colonnades, **13b)** Good Fences
- 14) Georgian
- 15) Venetian, **15b)** Jetsonia
- 16) Trumpeteer, **16b)** Bimini Half Twist, **16c)** Asian Bouquet, **16d)** Sun King Celebration'
- 17) OctoCrown
- 18) Sunset
- 19) Anglo on Angle, **19b)** Anglo Flatbottom, **19c)** Anglo w/ open sides, **19d)** Alpine Lodge, **19e)** Alpine Lodge w/ open sides, **19f)** Alpine Slope, **19g)** Bonsai Alpine Racer
- 20) Contempo, **20b)** Crystal Ship, **20c)** Olympic Torch
- 21) Mission
- 22) Chateau
- 23) Bastille
- 24) Camelot, **24b)** Windsor, **24c)** Castle Rock
- 25) Desert Tiles
- 26) Tuscany
- 27) El Camino
- 28) Shadow Box, **28b)** Shadow Line, **28c)** Trellis Garden
- 29) Iron Maiden w/ open top, **29b)** Iron Maiden w/ open Arch Top, **29c)** Iron Maiden w/ open Barrel Top, **29d)** Iron Maiden w/ open Flat Top

All Mailbox and Roofed / House style shrouds are also offered with an optional 3" bottom air gap with open, partially open or solid sides and a 16" x 16" minimum opening directly over the pipe to meet the listed requirements of the "Open Top Shroud" assembly.

Note: Multiple termination cap applications require divider plates.

MAILBOX STYLES:

- 16e) Bimini Twist
- 30) Roundhouse, 30b) Eggcellency, 30c) Alpha House
- 31) Barreltop
- 32) Bishop's Arch, 32b) Double Diamonds, 32c) Trinity, 32d) Viking, 32e) Zulu Warrior
- 33) Cardinal
- 34) Mediterranean Arches
- 35) Sultan
- 36) Arch Angel, 36b) Halo
- 37) Adobe
- 40) Sentry, 40b) Doghouse
- 41) Outpost
- 42) Moon Beam
- 46) King Albert
- 47) Magic Door
- 48) Quadrophenia
- 49) Talladega Spoilers

ROOFED / HOUSE STYLES:

- 19h) Anglo w/ open sides & roof, 19i) Alpine Lodge w/ roof, 19j) Bonsai Alpine Racer w/ roof
- 29e) Iron Maiden w/ Arch Top, 29f) Iron Maiden w/ Barrel Top, 29g) Iron Maiden w/ Flat Top
- 38) Aspen
- 39) Chalet, 39b) Miss Swiss
- 43) Denver Half Moon, 43b) Blue Bonnet
- 44) Flying Quarter Barrel
- 45) Sunrise
- 50) High Hat
- 51) Wrightsway
- 52) Prairie
- 53) San Clemente
- 54) Hacienda, 54b) Cantina
- 55) Casa de Arco
- 56) Patriot
- 57) Aztec
- 58) Mesa, 58b) Rockhouse, 58c) Bedrock
- 59) Phoenician
- 60) Warrior
- 61) Spartan
- 62) Athenian,
- 63) Liberty Belle
- 64) Egyptian
- 65) Parthenon
- 66) Flying Carpet

ROOFED / HOUSE STYLES: (continued)

- 67) Romany
- 68) Santa Barbara
- 69) Mountain Haus
- 70) Shanghai
- 71) Shaolin Temple
- 72) Rotunda, 72b) Mecca Domes
- 73) Amsterdam
- 74) Ironsides ala Massaro
- 75) Tea Party
- 76) Ivy Lane
- 77) Wild Kites
- 78) Shangri-La
- 79) London Tower
- 80) Tuscan Sun
- 81) Excalibur
- 82) Monticello
- 83) Beau Soleil

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The following instructions provide the minimum requirements for the safe installation of a Chimney King chimney shroud with listed models of MHSC (Monessen Hearth Systems Company), Majestic and Vermont Castings Direct Vent appliances exiting the house vertically through a chase for single or multiple termination cap applications.

Note: Multiple termination cap applications require divider plates.

Chimney King's chimney shrouds have an affixed OMNI Label with a unique serial number for each shroud we ship and meet the current International Building Code 2000 Standards (Int. Mechanical, Residential, Fuel & Gas, and Fire Codes) as well as NFPA 211 & 54.

Failure to install the fireplace, chimney system or chimney shroud per their respective installation instructions will void the manufacturer's warranties and may have an effect on your homeowner insurance.

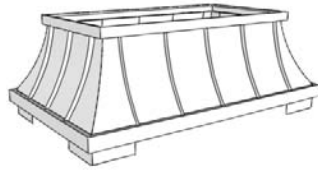
Check the OMNI webpage (www.omni-test.com) for additional Chimney King Chimney Crown / Chimney Shroud models added since 6 / 8 / 11.

Section I OPEN TOP SHROUDS

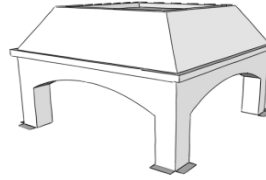
CK Crown #'s : 1, 1b, 1c, 2, 2b, 2c, 3, 4, 5, 5b, 5c, 6, 6b, 6c, 7, 8, 10, 11, 12, 13, 13b, 14, 15, 15b, 16, 16b, 16c, 16d, 17, 18, 19, 19b, 19c, 19d, 19e, 19f, 19g, 20, 20b, 20c, 21, 22, 23, 24, 24b, 24c, 25, 26, 27, 28, 28b, 28c, 29, 29b, 29c, 29d



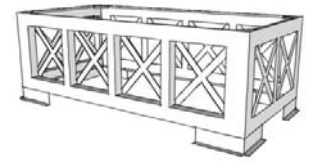
1) Monarch



6b) Temptress



21) Mission



29) Iron Maiden

Approved Direct Vent

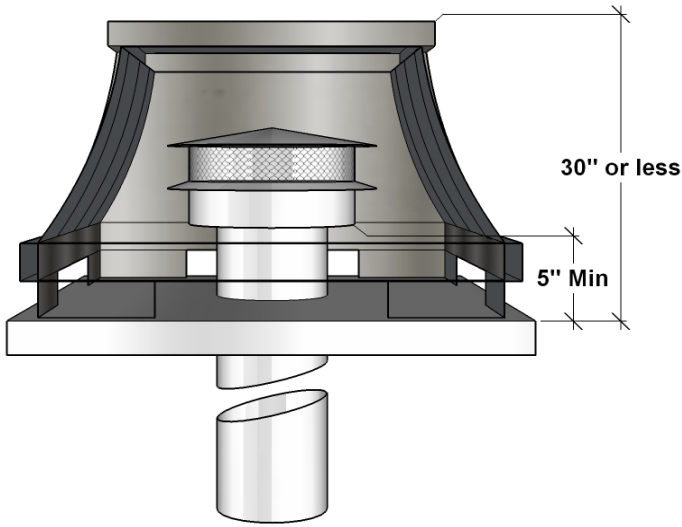
Systems: **FIREPLACES & FIREPLACE INSERTS:**

CDVR (33, 36, 42,47); **CDVT** (33,36,42,47); **BDV/DVB** (300, 400,500,600); **BLDV/DVBL** (300,400,500,600); **HBDV/DVBH** (300,400); **Designer DV's** (ST, PF, CR, CL) **DVD**; **Designer DV's** (ST, PF, CR, CL); **MDV/DVM** (500,600); **MLDV** (500); **LX** (32, 36); **KHLDV** (400, 500, 600); **VHLDV** (500); **KSTDV** (500); **WDV** (500,600); **WDVST** (500).

STOVES:

SS38DV; **RFSDV34**; **OXDV**; **CSDV** (20,30,40); **RADVT**; **SDDVT**; **INDVR**.

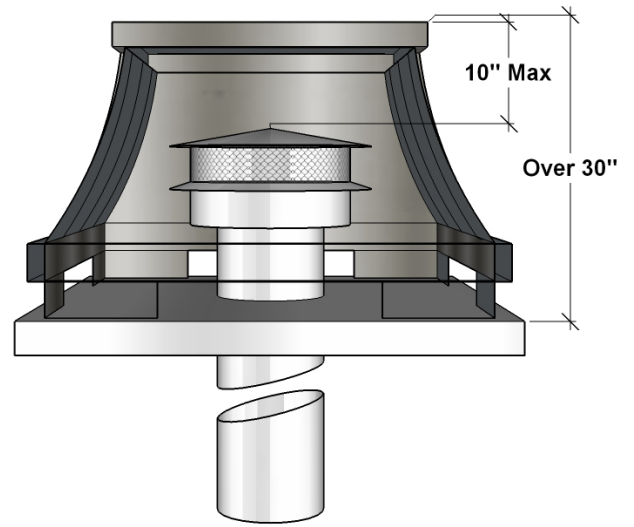
- 1** Maximum shroud height is 30" when the bottom of termination cap is at least 5" above the chase top. Shroud may be higher than 30" if the top of the termination cap is within 10" of the top of the shroud. (**IL 1.1 & 1.2**)
- 2** Minimum leg/air gap is 3" tall x 8" wide per side or 96 total square inches per cap. (**IL 1.3**)
- 3** Minimum top opening over term cap is 16" x 16". It can be larger. (**IL 1.3**)
- 4** Minimum base dimension is 16" by 16". It can be larger. (**IL 1.3**)
- 5** Various shroud shapes are allowed provided the minimums are met. (**IL 1.3, 1.4, 1.5**)
- 6** Multiple terminations are allowed in all shrouds if vertical divider plate (s) starting above the leg gap are used, and all minimums are met. (**IL 1.6, 1.7, 1.8, 1.9, 1.10, 1.11**)
- 7** Multiple termination caps of varied types in shroud also require a vertical divider plate and the following of the requirements of the respective chimney manufacturer's shroud listing.
- 8** Mesh is optional, not required.
- 9** Shroud to be constructed out of a minimum 24 GA aluminized steel, galvanized steel, stainless steel or copper. Exterior non-combustible finishes are allowed – Paint, Durock, Stucco, etc.
- 10** Shroud attaches to chase from the top, vertically, or from the side. We recommend the use of at least 8 - 3" long SS screws or 8 – 2 1/2" x 3/8" Tapcon type masonry anchors to hold the shroud down to chase top or side. (**IL 1.12, 1.13, 1.14, 1.15, 1.16 & 1.17**)



Bottom of term cap must be a min of (5")* above the chase top when shroud height is 30" or less

IL 1.1

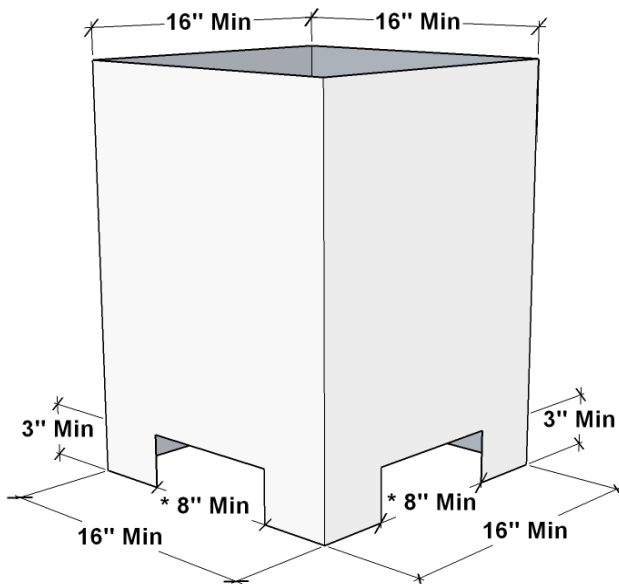
* Termination cap manufacturer's guidelines supersede this dimension.



Top of term cap must be within (10")* of the top when shroud is over 30" in height

IL 1.2

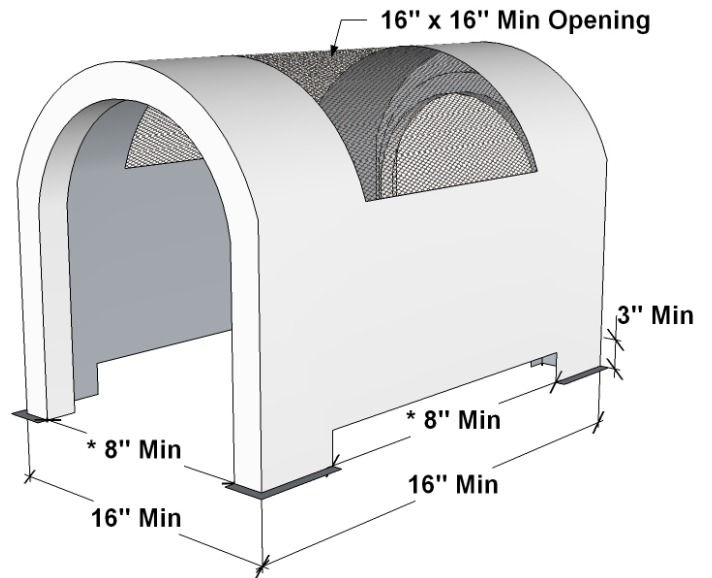
* Termination cap manufacturer's guidelines supersede this dimension.



'Single Imperial'

IL 1.3

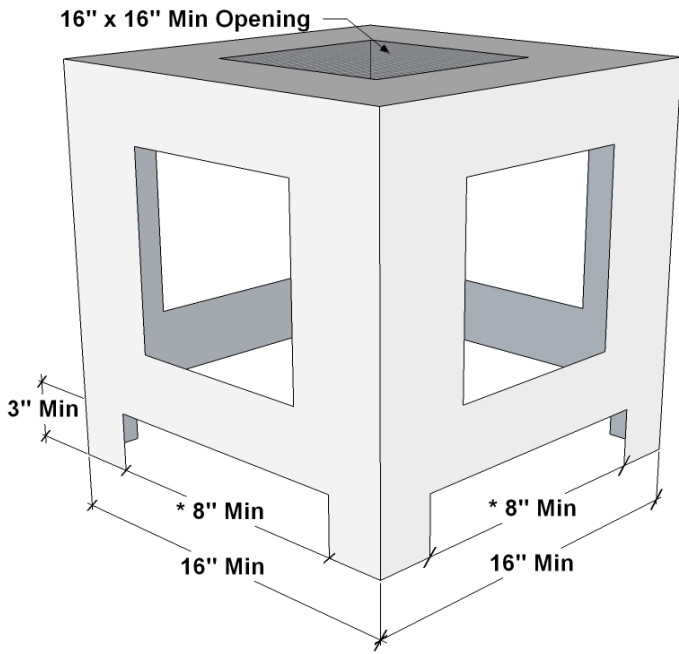
*Total leg air gap \geq 96 sq in



'Single Mailbox' per 'Open Top Specs'

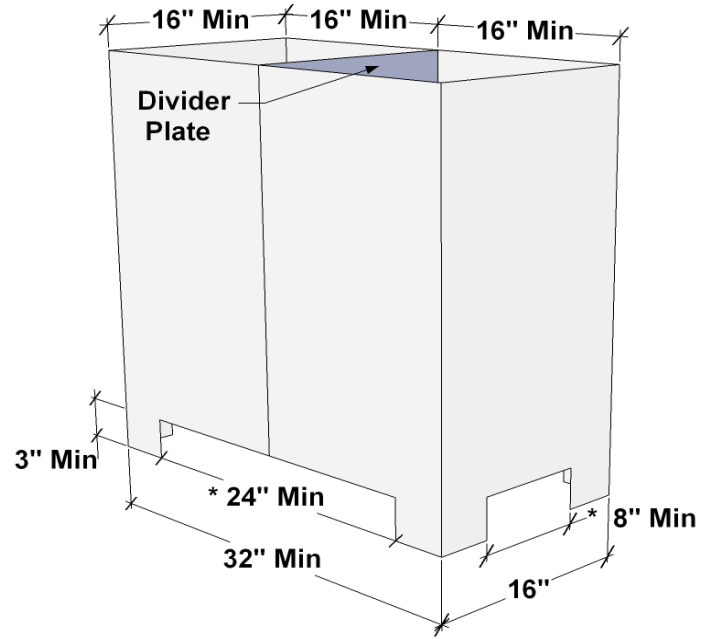
IL 1.4

*Total leg air gap \geq 96 sq in



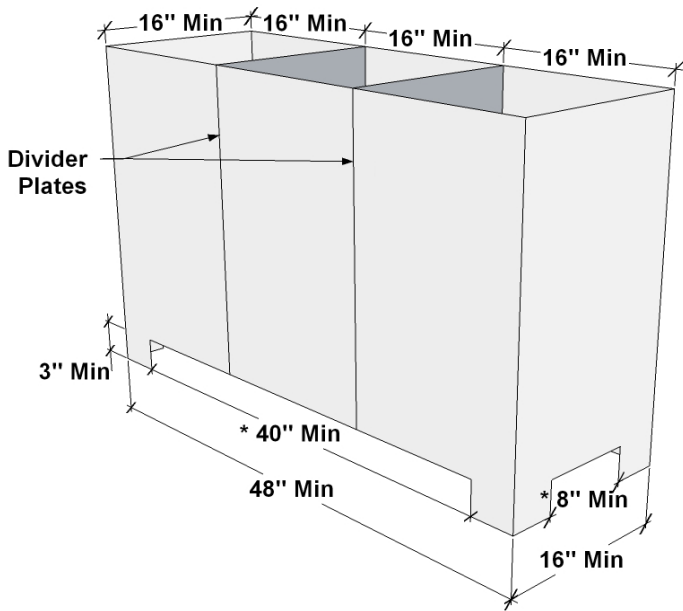
'Single Roofed' per 'Open Top Specs'
IL 1.5

*Total leg air gap \geq 96 sq in



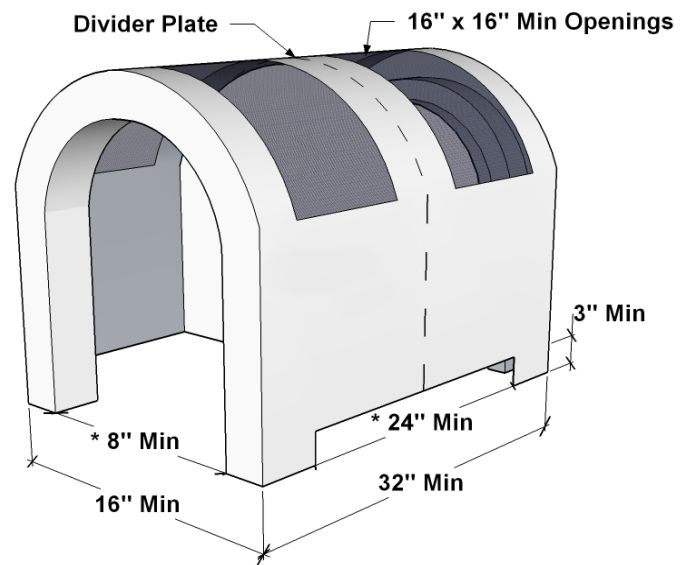
'Double Imperial'
IL 1.6

*Total leg air gap \geq 192 sq in



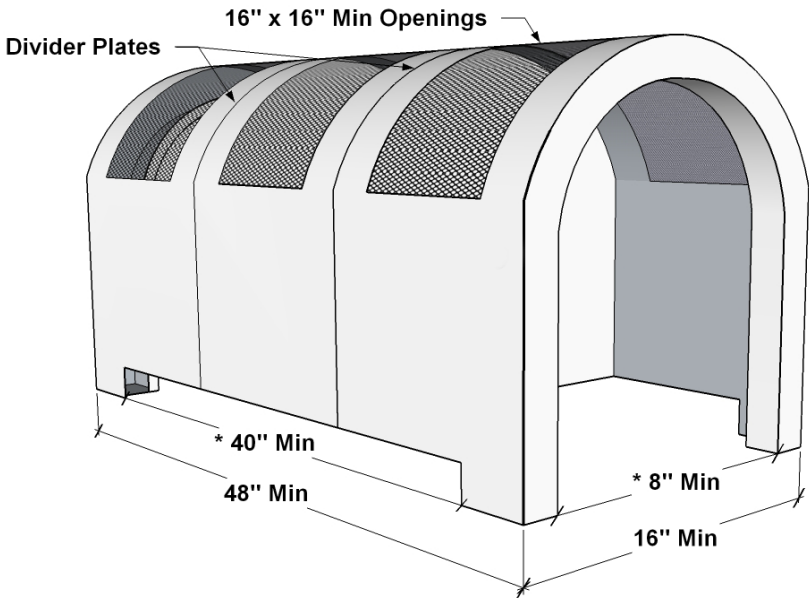
'Triple Imperial'
IL 1.7

*Total leg air gap \geq 288 sq in

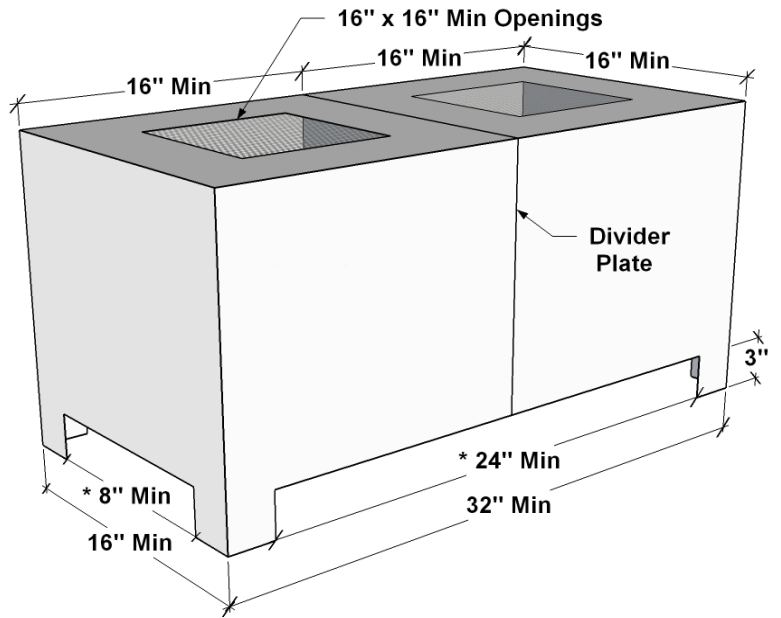


'Double Mailbox' per 'Open Top Specs'
IL 1.8

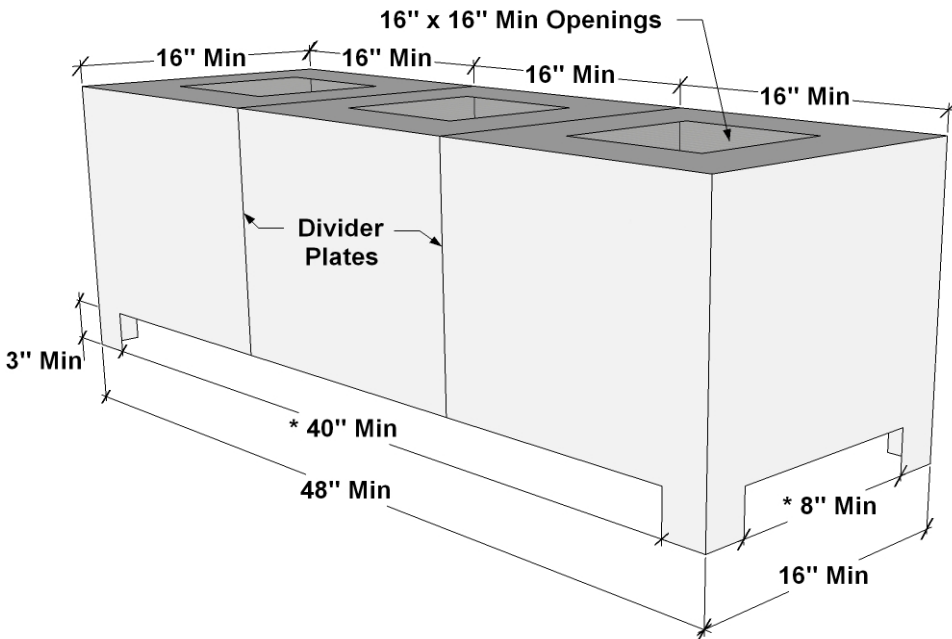
*Total leg air gap \geq 192 sq in



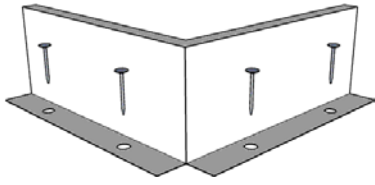
'Triple Mailbox' per 'Open Top Specs'
IL 1.9
 *Total leg air gap \geq 288 sq in



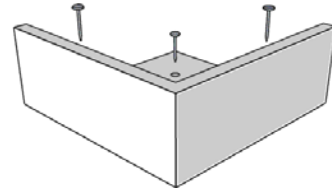
'Double Roofed' per 'Open Top Specs'
IL 1.10
 *Total leg air gap \geq 192 sq in



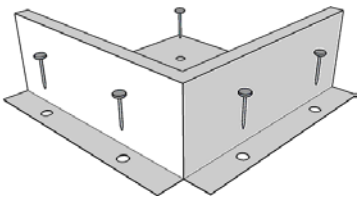
'Triple Roofed' per 'Open Top Specs'
IL 1.11
 *Total leg air gap \geq 288 sq in



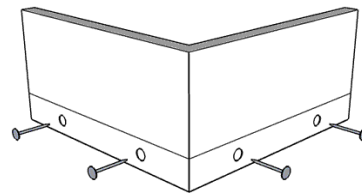
IL 1.12
'Out-flange Foot'



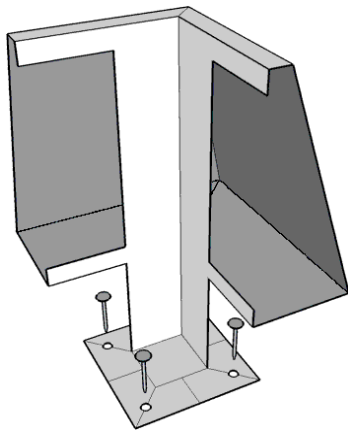
IL 1.13
'Inside Plate Foot'



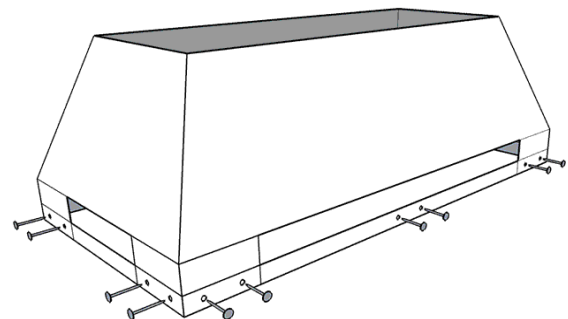
IL 1.14
'In-n-out Foot'



IL 1.15
'Over Corner Foot'



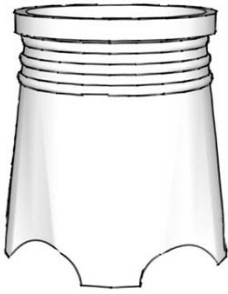
IL 1.16
'Invisileg'



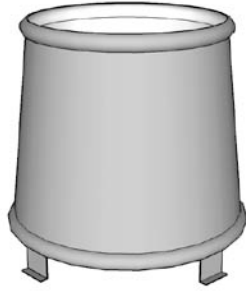
IL 1.17
'Over Corner Full Surround'

Section II POT SHAPED SHROUDS

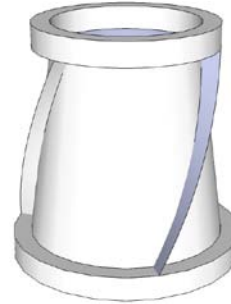
CK Crown #'s : 9, 9b, 9c, 9d



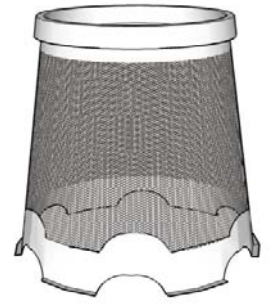
9) Terra Potta



9b) Potta Lotta



9c) Curvatta Potta



9) Mirage Potta
w/ Serpentine Base

Approved Direct Vent

Systems:

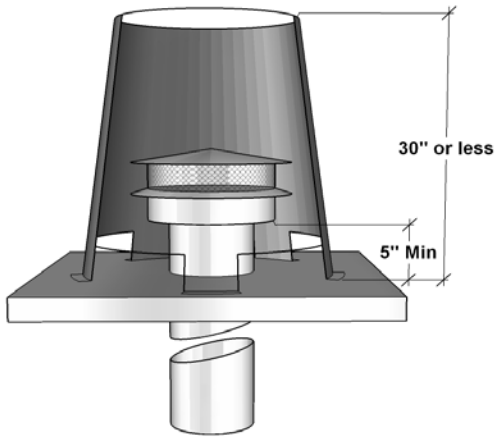
FIREPLACES & FIREPLACE INSERTS:

CDVR (33, 36, 42,47); **CDVT** (33,36,42,47); **BDV/DVB** (300, 400,500,600); **BLDV/DVBL** (300,400,500,600); **HBDV/DVBH** (300,400); **Designer DV's** (ST, PF, CR, CL) **DVD**; **Designer DV's** (ST, PF, CR, CL); **MDV/DVM** (500,600); **MLDV** (500); **LX** (32, 36); **KHLDV** (400, 500, 600); **VHLDV** (500); **KSTDV** (500); **WDV** (500,600); **WDVST** (500).

STOVES:

SS38DV; **RFSDV34**; **OXDV**; **CSDV** (20,30,40); **RADVT**; **SDDVT**; **INDVR**.

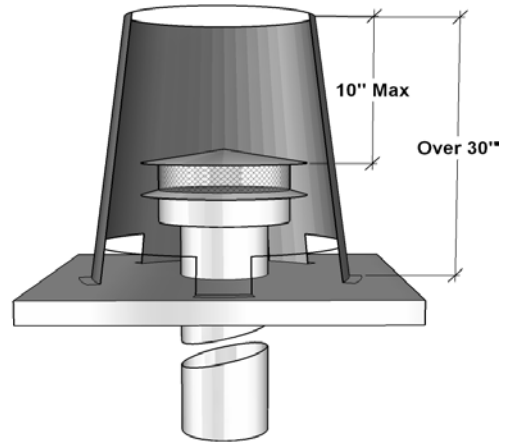
- 1 If shroud is 30" tall or less the bottom of term cap must be at least 5" above chase-top or chase pan. If shroud is taller than 30" the top of the term cap must be within 10" of the top of shroud. (**IL 2.1 & 2.2**)
- 2 Minimum base dimension is 16" diameter. (**IL 2.3 & 2.4**)
- 3 Minimum top dimension is 16" diameter. (**IL 2.3 & 2.4**)
- 4 Minimum height is 16". (**IL 2.3 & 2.4**)
- 5 Minimum leg gap is 3" in height and 96" square inches total. (**IL 2.3 & 2.4**)
- 6 Various shroud shapes are allowed provided the minimums are met. (**IL 2.3 & 2.4**)
- 7 Mesh is optional, not required.
- 8 Shroud to be constructed out of a minimum 24 GA aluminized steel, galvanized steel, stainless steel or copper. Exterior non-combustible finishes allowed – Paint, Durock, Stucco,
- 9 Shroud attaches to chase either from the top, vertically or from the side. We recommend the use of at least 8 - 3" long SS screws or 8 – 2 1/2" x 3/8" Tapcon type masonry anchors to hold shroud down to chase top.
(**IL 2.5 & 2.6**)



Bottom of term cap must be a min of (5")*
above the chase top when shroud height is
30" or less

IL 2.1

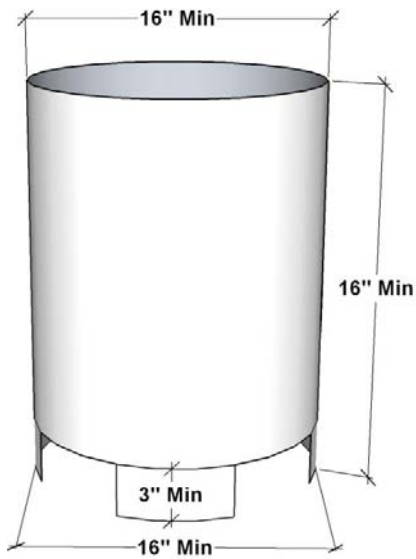
* Termination cap manufacturer's guidelines
supersede this dimension.



Top of term cap must be within (10")* of the
top when shroud is over 30" in height

IL 2.2

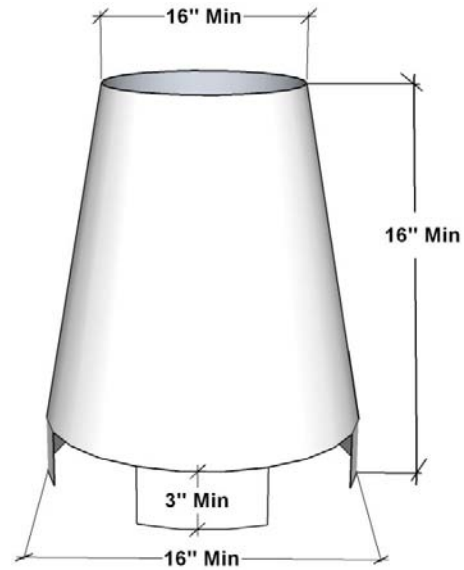
* Termination cap manufacturer's guidelines
supersede this dimension.



'Tube'

IL 2.3

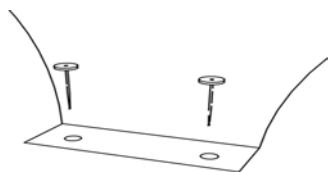
*Total leg air gap \geq 96 sq in



'Conventional Looking'

IL 2.4

*Total leg air gap \geq 96 sq in



IL 2.5

'Out-flange Foot'

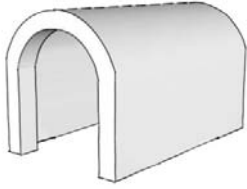


IL 2.6

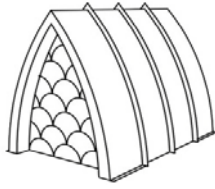
'Over Corner Foot'

Section III MAILBOX SHROUDS

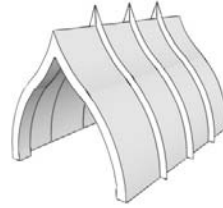
CK Crown #'s : 16e, 30, 30b, 30c, 31, 32, 32b, 32c, 32d, 32e, 33, 34, 35, 36, 36b, 37, 40, 40b, 41, 42, 46, 47, 48, 49



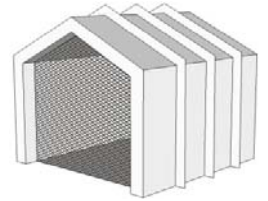
30) Roundhouse



33) Cardinal



35) Sultan



41) Outpost

Approved Direct Vent

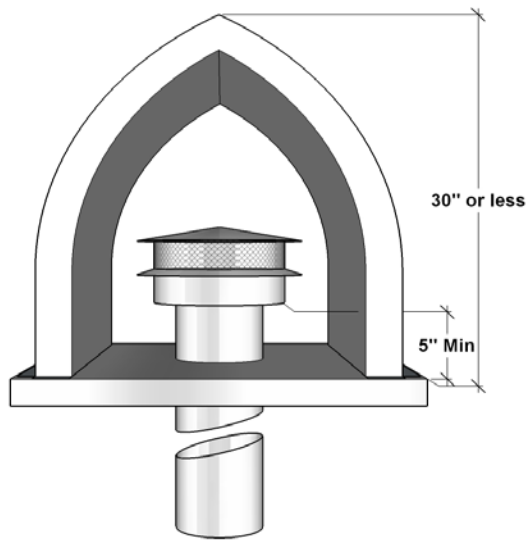
Systems: **FIREPLACES & FIREPLACE INSERTS:**

CDVR (33, 36, 42,47); **CDVT** (33,36,42,47); **BDV/DVB** (300, 400,500,600); **BLDV/DVBL** (300,400,500,600); **HBDV/DVBH** (300,400); **Designer DV's** (ST, PF, CR, CL) **DVD**; **Designer DV's** (ST, PF, CR, CL); **MDV/DVM** (500,600); **MLDV** (500); **LX** (32, 36); **KHLDV** (400, 500, 600); **VHLDV** (500); **KSTDV** (500); **WDV** (500,600); **WDVST** (500).

STOVES:

SS38DV; **RFS34**; **OXDV**; **CSDV** (20,30,40); **RADVT**; **SDDVT**; **INDVR**.

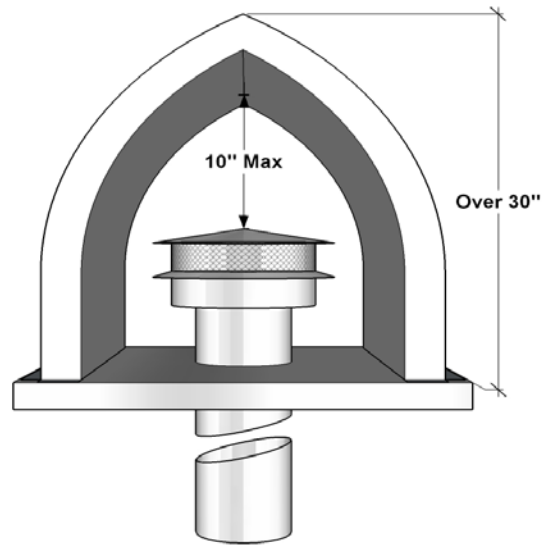
- 1 If shroud is 30" tall or less, bottom of term cap must be at least 5" above chase-top or chase pan. If shroud is taller than 30", the top of the term cap must be within 10" of the top of shroud. (**IL 3.1 & 3.2**)
- 2 Minimum shroud height is 20". Shroud may be taller. (**IL 3.3**)
- 3 Leg gaps are not required on single termination shrouds, but are optional (**IL 3.3**)
- 4 Sides may be solid or have openings. (**IL 3.3**)
- 5 Minimum length and width is 20" x 20". Minimum air gap per end is 200 cu in or 400 cu in total openings all sides. Shroud may be larger than 20 x 20. (**IL 3.4**)
- 6 Multiple terminations in shroud are allowed, but a divider plate must be used along with having a 16 x 16 opening over each termination cap and a 3" air gap per **Open Top Spec's** must be present. (**IL 3.5 & 3.6**)
- 7 Mesh is optional, not required, but is recommended.
- 8 Shroud to be constructed out of a minimum 24 GA aluminized steel, galvanized steel, stainless steel or copper. Exterior non-combustible finishes allowed – Paint, Durock, Stucco,
- 9 Shroud attaches to chase either vertically or from the side. We recommend the use of at least 8 - 3" long SS screws or 8 - 2" Tapcon masonry anchors to hold shroud down to chase top. (**IL 3.7, 3.8 & 3.9**)



Bottom of term cap must be a min of (5")* above the chase top when shroud height is 30" or less

IL 3.1

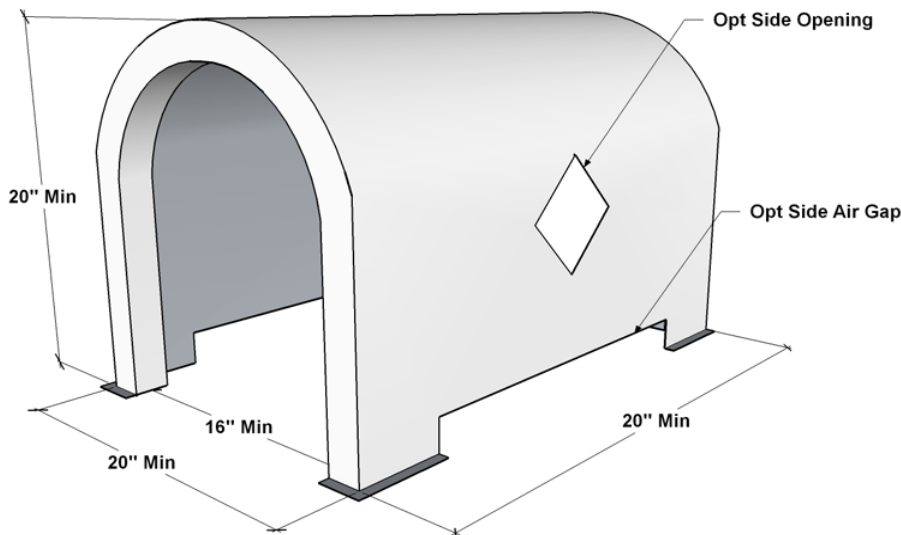
* Termination cap manufacturer's guidelines supersede this dimension.



Top of term cap must be within (10")* of the top when shroud is over 30" in height

IL 3.2

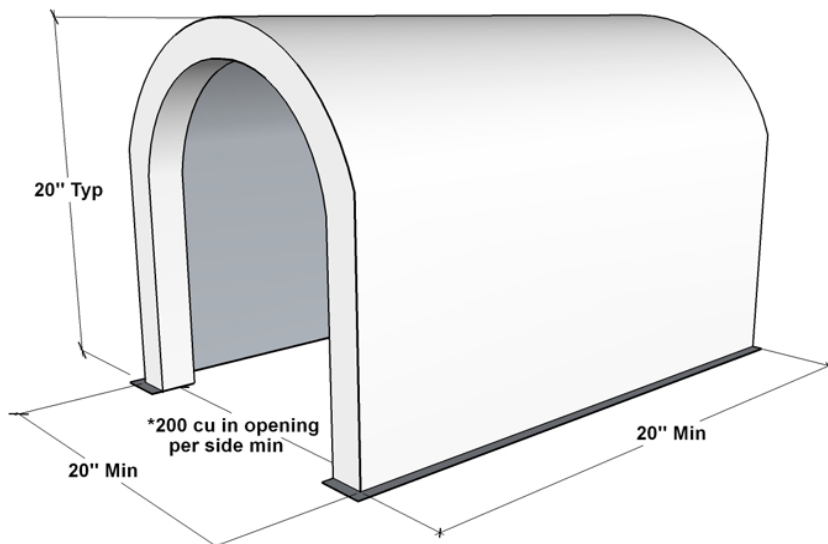
* Termination cap manufacturer's guidelines supersede this dimension.



'Mailbox Style'

IL 3.3

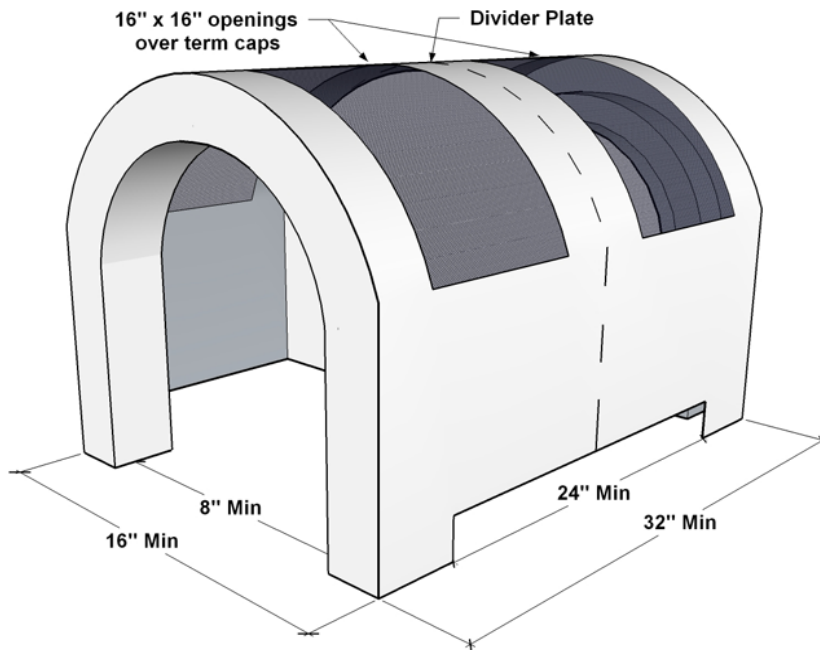
*200 sq in required per open end or 400 sq in of total airflow from all openings combined



'Mailbox Style'

IL 3.4

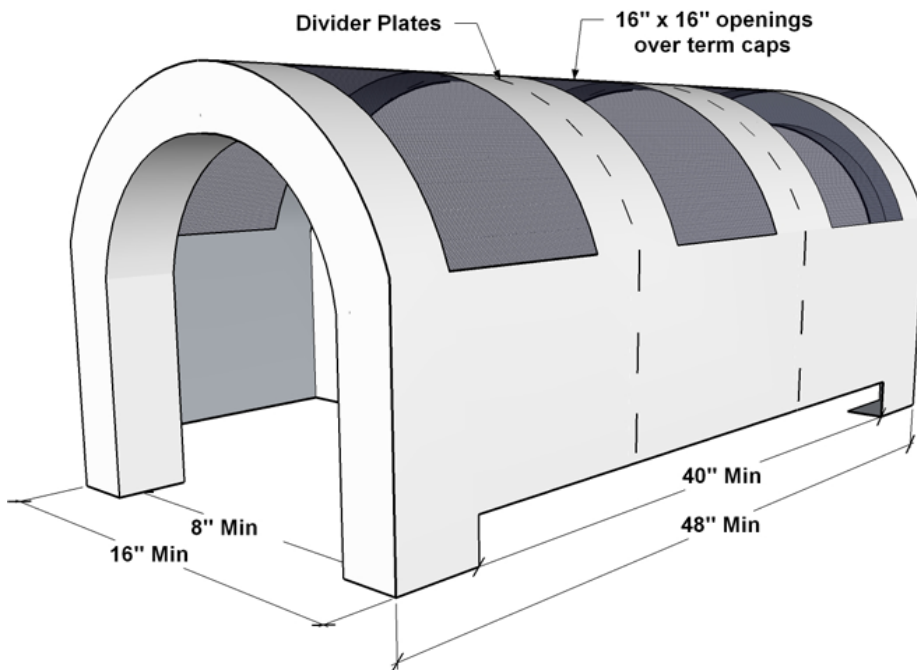
*200 sq in required per open end or 400 sq in of total airflow from all openings combined



'Double Mailbox Style'
per 'Open Top Specs'

IL 3.5

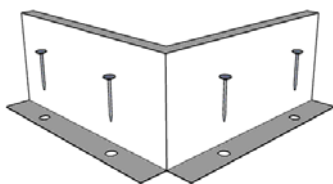
* Total leg air gap \geq 192 sq in



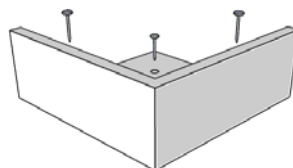
'Triple Mailbox Style'
per 'Open Top Specs'

IL 3.6

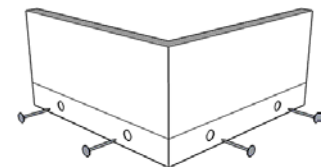
* Total leg air gap \geq 288 sq in



IL 3.7
'Out-flange Foot'



IL 3.8
'Inside Plate'

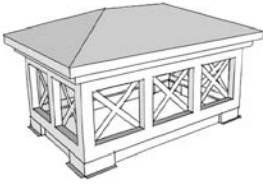


IL 3.9
'Over-Corner Foot'

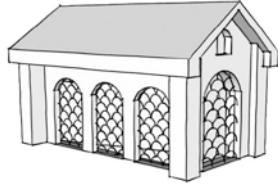
SECTION IV

ROOFED / HOUSE SHROUDS - Open on two or more sides

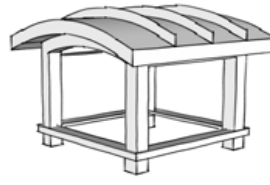
CK Crown #'s : 19h, 19i, 19j, 29e, 29f, 29g, 38, 39, 39b, 43, 43b, 44, 45, 50, 51, 52, 53, 54, 54b, 55, 56, 57, 58, 58b, 58c, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 72b, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83



54) Hacienda



55) Casa De Arco



43) Flying Quarter Barrel



56) Patriot

Approved Direct Vent

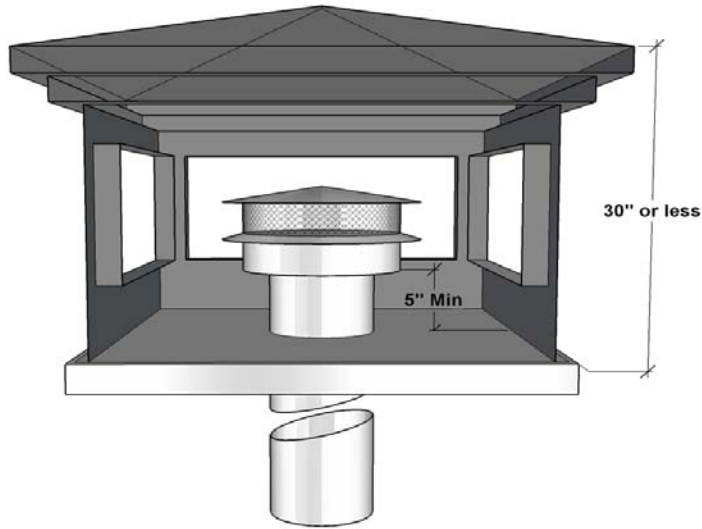
Systems: **FIREPLACES & FIREPLACE INSERTS:**

CDVR (33, 36, 42,47); **CDVT** (33,36,42,47); **BDV/DVB** (300, 400,500,600); **BLDV/DVBL** (300,400,500,600); **HBDV/DVBH** (300,400); **Designer DV's** (ST, PF, CR, CL) **DVD**; **Designer DV's** (ST, PF, CR, CL); **MDV/DVM** (500,600); **MLDV** (500); **LX** (32, 36); **KHLDV** (400, 500, 600); **VHLDV** (500); **KSTDV** (500); **WDV** (500,600); **WDVST** (500).

STOVES:

SS38DV; **RFSDV34**; **OXDV**; **CSDV** (20,30,40); **RADVT**; **SDDVT**; **INDVR**.

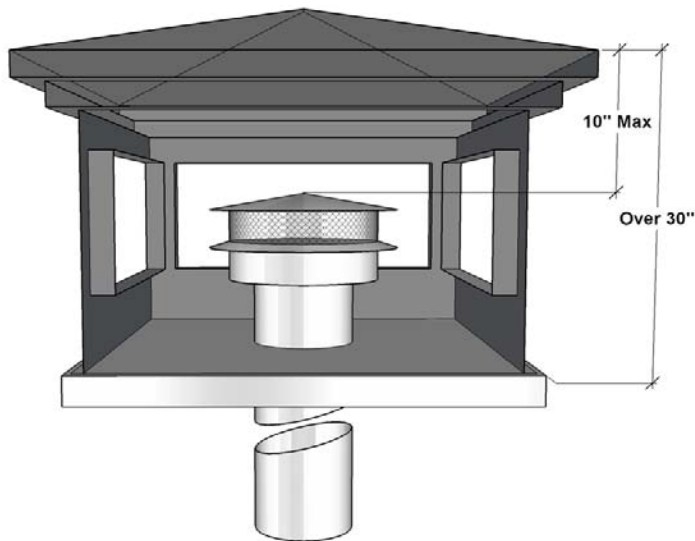
- 1 If shroud is 30" tall or less, bottom of term cap must be at least 5" above chase-top or chase pan. If shroud is taller than 30", the top of the term cap must be within 10" of the top of shroud. (**IL 4.1 & 4.2**)
- 2 Min shroud ht is 20". Shroud may be taller. (**IL 4.3**)
- 3 Leg gaps are not required for single or multiple termination shrouds, but are opt. (**IL 4.3**)
- 4 Min length and width is 20" x 20". Shroud may be larger. (**IL 4.3**)
- 5 Min openings on sides are 100 sq in or 400 sq in total all openings. (**IL 4.3**)
- 6 Multiple terminations in shroud are allowed with-out top ventilation, provided a divider plate separates term caps. Each term cap requires at least 400 total cu in of airflow from all openings combined. (**IL 4.4 & 4.5**)
- 7 Multiple terminations in shroud are also allowed when the **Open Top Spec's** are followed and divider plates, roof vents and optional leg gaps are used. (**IL 4.6 & 4.7**)
- 8 Mesh is optional, not required, but it is recommended.
- 9 Shroud to be constructed out of a minimum 24 GA aluminized steel, galvanized steel, stainless steel, copper. Exterior non-combustible finishes allowed – Paint, Durock, Stucco, etc.
- 10 Shroud attaches to chase either vertically or from the side. We recommend the use of at least 8 - 3" long SS screws or 8 - 2" Tapcon masonry anchors to hold shroud down to chase top. (**IL 4.8, 4.9, & 4.10**)



Bottom of term cap must be a min of (5")* above the chase top when shroud height is 30" or less

IL 4.1

* Termination cap manufacturer's guidelines supersede this dimension.



Top of term cap must be within (10")* of the top when shroud is over 30" in height

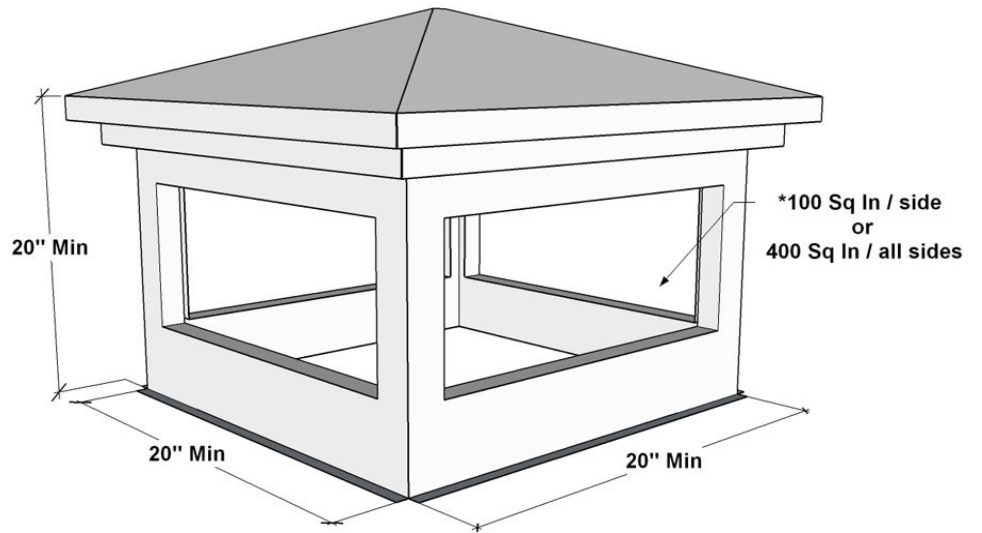
IL 4.2

* Termination cap manufacturer's guidelines supersede this dimension.

' House / Roof Style '

IL 4.3

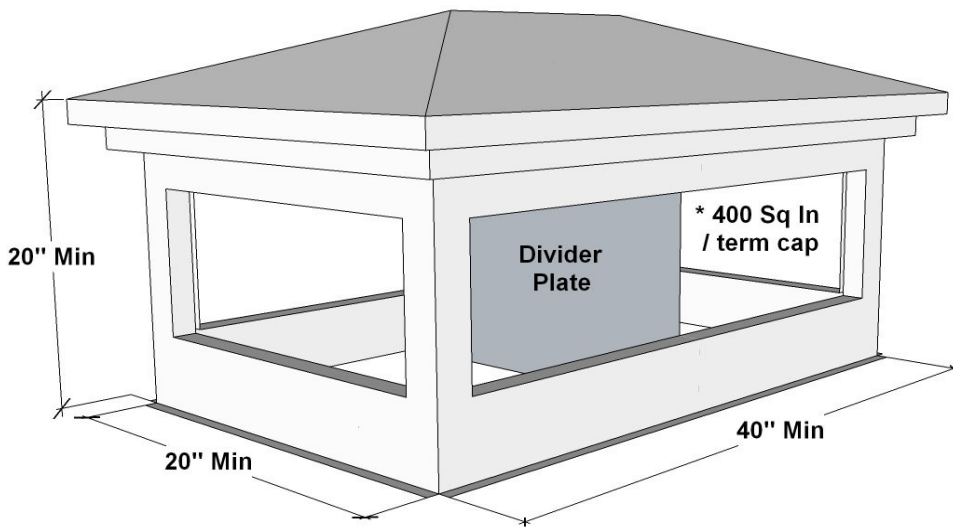
* Minimum of 100 sq in required per open side or 400 sq in of total airflow from all openings combined



' Double House / Roof Style '

IL 4.4

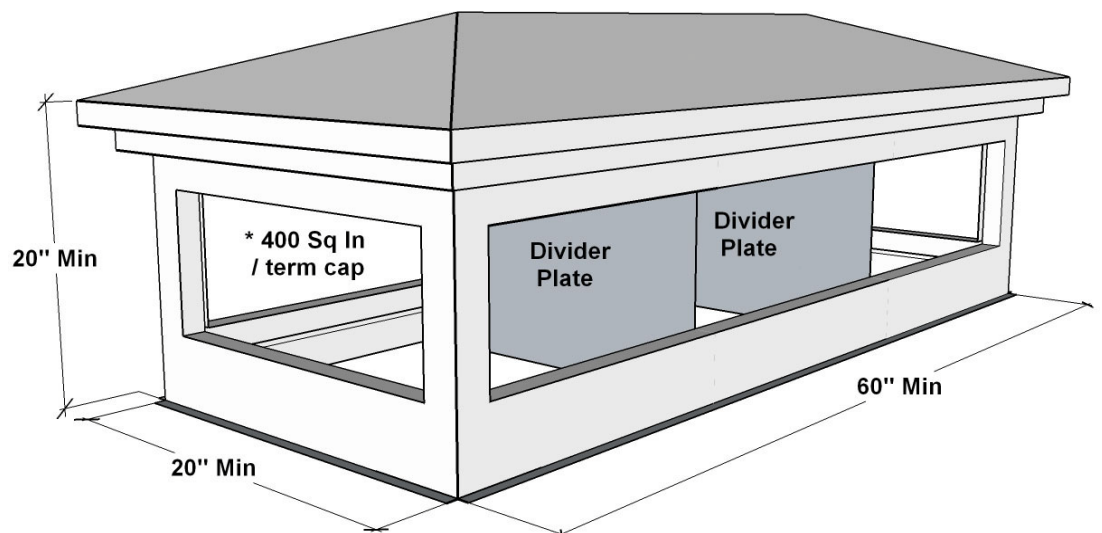
*400 sq in of total airflow from all openings combined per term cap

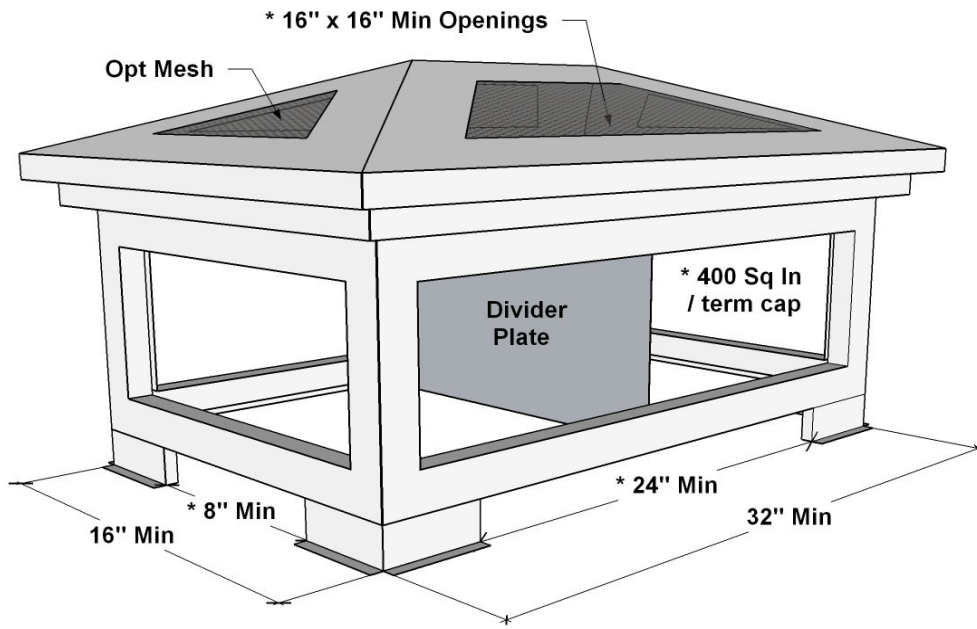


' Triple House / Roof Style '

IL 4.5

*400 sq in of total airflow from all openings combined per term cap





' Double House / Roof Style '
per ' Open Top Specs '

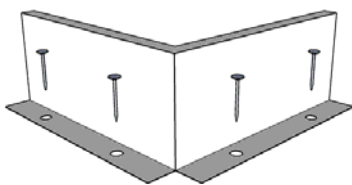
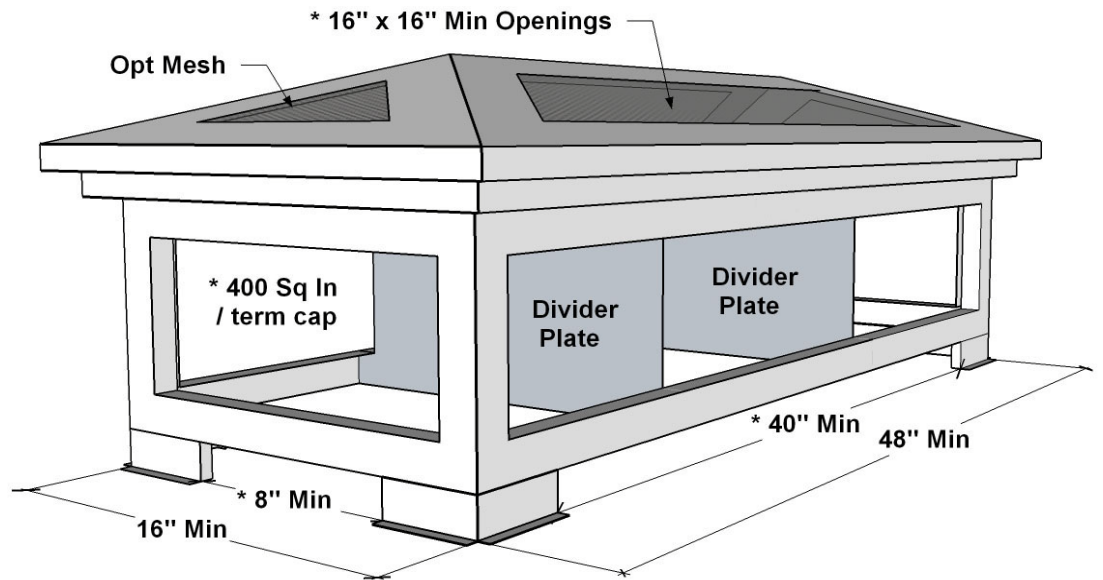
IL 4.6

* Total air gap \geq 192 sq in

' Triple House / Roof Style '
per ' Open Top Specs '

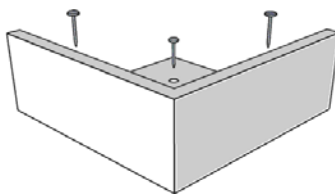
IL 4.7

* Total air gap \geq 288 sq in



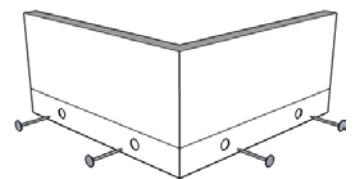
IL 4.8

'Out-Flange Foot'



IL 4.9

'Inside Plate'



IL 4.10

'Over-Corner Foot'