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, BDV400 NSC7, BDV400NV7, BDV400PSC7, BDV400PV7, BDV500NSC7, BDV500NV7, BDV500PSC7, BDV500PV7, BDV600NSC7, BDV600NV7, BDV600PSC7, BDV600PV7), CDV Series: (CDVR33NSC117, CDVR33NV117, CDVR33PSC117, CDVR33PSCV117, CDVT33NSC7, CDVT33NV7, CDVT33PV7, CDVR36NSC7, CDVR36NV7, CDVR36PV7, CDVT36NSC7, CDVT36NV7, CDVT36PV7, CDVR36PV7, CDVT42NSC7, CDVT42PV7, CDVR47NSC7, CDVR47PV7, CDVR47PV7, CDVR47PV7, CDVR47PV7, CDVR47PV7, CDVR47PV7), BELMONT: (BLDV300NSC7, BLDV300PV7, BLDV400NSC7, BLDV400PSC7, BLDV500NSC7, BLDV500PSC7), HBDV Series: (HBDV300NSC7, HBDV300NSC7, HBDV400NSC7, HBDV400PSC7), LEXINGTON: (LX32DVN, LX32DVP, LX36DVN, LX36DVP), ARLINGTON: (36STLDVNSC, 36STLDVPS7, 36CRLDVNSC, 36CRLDVPS7, 36PFLDVNSC, 36PFLDVPS7, 36CLLDVPS7, COVINGTON: (KHLDV400NTSC, KHLDV400NTSC, KHLDV400PSC7, KHLDV400PSC7, KHLDV500NTSC, KHLDV500NTSC, KHLDV500PSC7, KHLDV500PSC7, KHLDV600NTSC, KHLDV600PSC7, KHLDV600PSC7), COVINGTON See-Thru: (KSTDV500NTSC, KSTDV500PSC7), SERENADE: (WDV500NTSC, WDV500PSC7, WDV600NTSC, WDV600PSC7), SERENADE See-Thru: (WDVST500NTSC, WDVST500PSC7), 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, CSDV20SPVGCh, CSDV30SNVEMBC, CSDV30SNVGC, CSDV30SPVEMBC, CSDV30SPVGCh, CSDV40SNVEMBC, CSDV40SNVGC, CSDV40SPVEMBC, CSDV40SPVGCh), OXFORD: (OXDV30NV).

Listed MAJESTIC Direct Vent Gas Fireplace Models:
TRIBUTE: (36CDVZRRN & 36CDVZTRN), DVB Series (300DVBNSC7, 300DVBVPSC7, 300DVBVPV7, 400DVBNSC7, 400DVBVPSC7, 400DVBVPV7, 500DVBNSC7, 500DVBVPSC7, 500DVBVPV7, 600DVBNSC7, 600DVBVPSC7, 600DVBVPV7), CDV Series: (CDVR33NSC117, CDVR33NTSC, CDVR33PV117, CDVR33PVNTSC, CDVT33NSC7, CDVT33NTSC, CDVT33PV7, CDVT33PVTSC, CDVR36NSC7, CDVR36NTSC, CDVR36PV7, CDVR36PVTSC, CDVT36NSC7, CDVT36NTSC, CDVT36PV7, CDVT36PVTSC, CDVR42NSC7, CDVR42NTSC, CDVR42PV7, CDVR42PVTSC, CDVT42NSC7, CDVT42NTSC, CDVT42PV7, CDVT42PVTSC, CDVR47NSC7, CDVR47NTSC, CDVR47PV7, CDVR47PVTSC, CDVT47NSC7, CDVT47NTSC, CDVT47PV7), SOLITAIRE: (300DVBLSN7, 300DVBLPSC7, 400DVBLSN7, 400DVBLPSC7, 500DVBLSN7, 500DVBLPSC7), DVBH Series: (300DVBHNSC7, 300DVBHPSC7, 400DVBHNSC7, 400DVBHPSC7), LEXINGTON: (LX32DVN, LX32DVP, LX36DVN, LX36DVP), PEARL: (36STLDVNSC, STLDVPSC, CRLDVNSC, CRLDVPSC, PFLDVNSC, PFLDVPSC, CLLDVNSC, CLLDVPSC), MARQUIS: (KHLDV400NTSC, KHLDV400NSC7, KHLDV400PVTSC, KHLDV400PPTSC, KHLDV500NTSC, KHLDV500NSC7, KHLDV500PVTSC, KHLDV500PPTSC, KHLDV600NTSC, KHLDV600NSC7, KHLDV600PVTSC, KHLDV600PPTSC), MARQUIS See-Thru: (KSTDV500NTSC, KSTDV500PVTSC), ECHELON: (WDV500NTSC, WDV500PVTSC, WDV600NTSC, WDV600PVTSC), ECHELON See-Thru: (WDVST500NTSC, WDVST500PVTSC), CAMEO: (500DVMNSC, 500DVMPSC, 600DVMNSC, 600DVMPSC), ONYX: (MLDV500NSC, MLDV500PSC).

Listed MAJESTIC Direct Vent Gas Stove Models:
STRATFORD BAY: (SS38DVBN, SS38DVBP), FAIRFIELD: (RFSDV34TSRN, RFSDV34TSRP), CONCORDE: (CSDV20SNVEMBC, CSDV20SNVGC, CSDV20SPVEMBC, CSDV20SPVGCh, CSDV30SNVEMBC, CSDV30SNVGC, CSDV30SPVEMBC, CSDV30SPVGCh, CSDV40SNVEMBC, CSDV40SNVGC, CSDV40SPVEMBC, CSDV40SPVGCh), OXFORD: (OXDV30NV).

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, CSDV20SPVGCh, CSDV30SNVEMBC, CSDV30SNVGC, CSDV30SPVEMBC, CSDV30SPVGCh, CSDV40SNVEMBC, CSDV40SNVGC, CSDV40SPVEMBC, CSDV40SPVGCh), OXFORD: (OXDV30NV).

Listed VERMONT CASTINGS Direct Vent Gas Stove Models:
AURA: (VWDV70NTSC), RESOLUTION: (VHLDV500NTSC, VHLDV500PVTSC).

Listed VERMONT CASTINGS Direct Vent Gas Stove Models:
RADIANCE: (RADVTCSCB, RADVTCSBS, RADVTCSBM, RADVTCSEB, RADVTCSBSD, RADVTCB, RADVTBS, RADVTBM, RADVTB, RADVTBD), STARDANCE: (SDDVTCSCB, SDDVTCSBS, SDDVTCSBM, SDDVTCSEB, SDDVTCSBSD, SDDVTCB, SDDVTBS, SDDVTBM, SDDVTB, SDDVTBD), INTREPID: (INDVRCB, INDVRS, INDVRCM, INDVREB, INDVREB).
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 Celebratione’
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) Barreletop
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

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/DVBLH (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); KHLVDV (400, 500, 600); VHLDV (500); KSTDV (500); WDV (500, 600); WDVST (500).

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

1) Monarch  6b) Temptress  21) Mission  29) Iron Maiden

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 ≥ 96 sq in

‘Single Mailbox’ per ‘Open Top Specs’

**IL 1.4**

*Total leg air gap ≥ 96 sq in
‘Single Roofed’ per ‘Open Top Specs’
**IL 1.5**
*Total leg air gap ≥ 96 sq in

‘Double Imperial’
**IL 1.6**
*Total leg air gap ≥ 192 sq in

‘Triple Imperial’
**IL 1.7**
*Total leg air gap ≥ 288 sq in

‘Double Mailbox’ per ‘Open Top Specs’
**IL 1.8**
*Total leg air gap ≥ 192 sq in
‘Triple Mailbox’ per ‘Open Top Specs’

IL 1.9

*Total leg air gap ≥ 288 sq in

‘Double Roofed’ per ‘Open Top Specs’

IL 1.10

*Total leg air gap ≥ 192 sq in

‘Triple Roofed’ per ‘Open Top Specs’

IL 1.11

*Total leg air gap ≥ 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**

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**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)
- Designer DV's (ST, PF, CR, CL) MLDV (500)
- Designer DV's (ST, PF, CR, CL) LX (32, 36)
- Designer DV's (ST, PF, CR, CL) VHLDV (500)
- Designer DV's (ST, PF, CR, CL) KSTDV (500)
- Designer DV's (ST, PF, CR, CL) WDV (500,600)
- Designer DV's (ST, PF, CR, CL) 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 ≥ 96 sq in

'Conventional Looking'

**IL 2.4**

*Total leg air gap ≥ 96 sq in

'Out-flange Foot'

**IL 2.5**

'Over Corner Foot'

**IL 2.6**
**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/DVBLH (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); KHLVDV (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 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 ≥ 192 sq in

‘Triple Mailbox Style’ per ‘Open Top Specs’

**IL 3.6**
* Total leg air gap ≥ 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

Min length and width is 20" x 20". Shroud may be larger. (IL 4.3)
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)

Min openings on sides are 100 sq in or 400 sq in total all openings. (IL 4.3)
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)
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)
Mesh is optional, not required, but it is recommended.
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.

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)
Min shroud ht is 20”. Shroud may be taller. (IL 4.3)
Leg gaps are not required for single or multiple termination shrouds, but are opt. (IL 4.3)
Min length and width is 20” x 20”. Shroud may be larger. (IL 4.3)
Min openings on sides are 100 sq in or 400 sq in total all openings. (IL 4.3)
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)
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)
Mesh is optional, not required, but it is recommended.
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.

17
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
IL 4.9
‘Inside Plate’

IL 4.10
‘Over-Corner Foot’

IL 4.7
‘Triple House / Roof Style’
per ‘Open Top Specs’

IL 4.8
‘Out-Flange Foot’

IL 4.6
‘Double House / Roof Style’
per ‘Open Top Specs’

IL 4.10
‘Over-Corner Foot’

Total air gap ≥ 288 sq in

Total air gap ≥ 192 sq in

* 16” x 16” Min Openings
Opt Mesh

Divide Plate

* 400 Sq In / term cap

* 16” x 16” Min Openings
Opt Mesh

Divide Plate

* 400 Sq In / term cap

* 40” Min
48” Min

16” Min

* 8” Min

16” Min

* 24” Min
32” Min

* 8” Min

16” Min

* 400 Sq In / term cap

20