



Series 3500 UL Listed Acrylic + Aluminum Dropout Smoke Vent Product Data Sheet

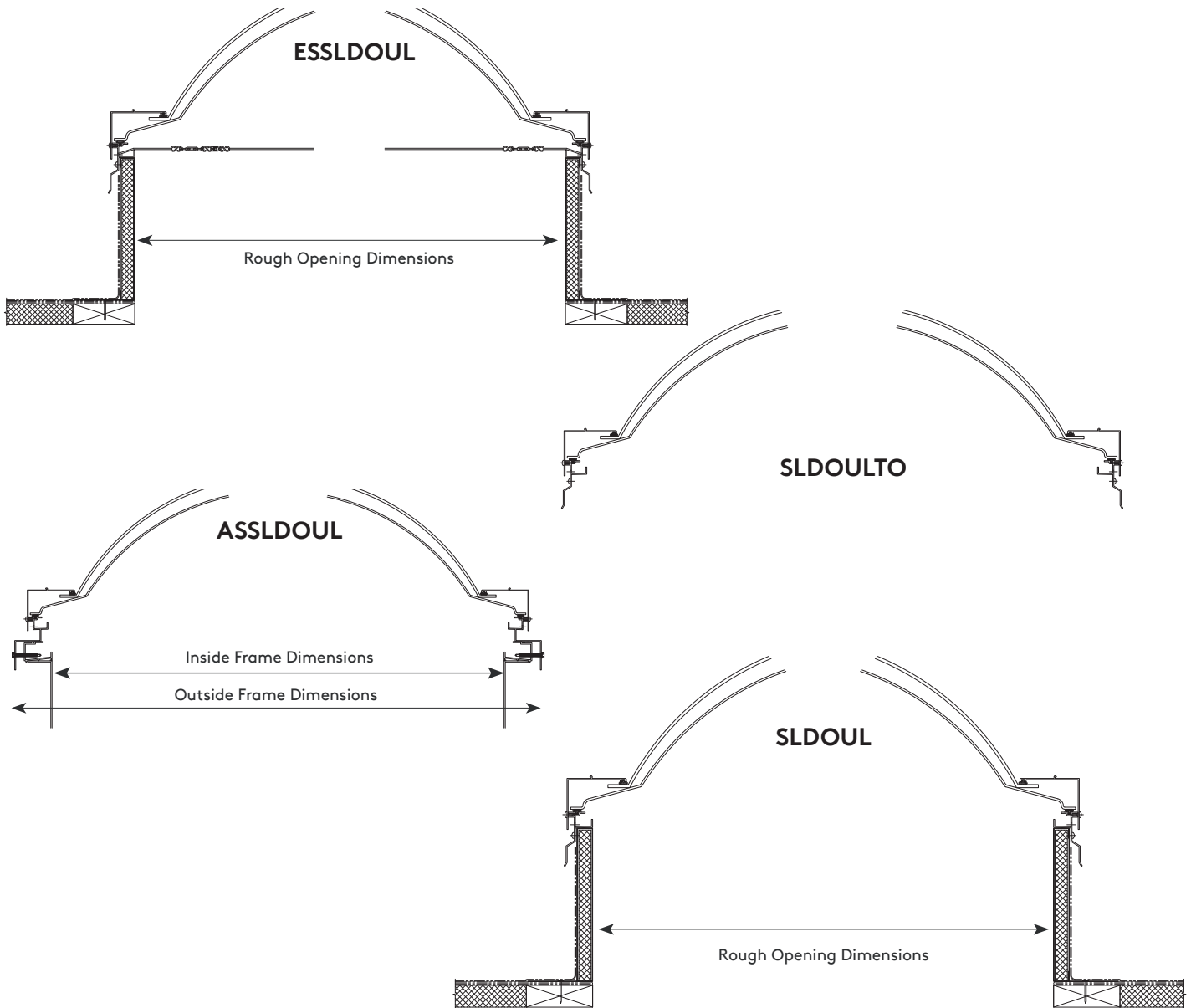


Application

Automatic heat and smoke vent shall be factory assembled for installation on roof deck. Dropout design shall consist of an outer dome of cast acrylic plastic and a heat activated inner dome of cast acrylic plastic. Frame shall be extruded aluminum with integral condensation gutter. Dropout is fitted with a fusible link activated cable release system for use with any sprinkler system or with an ESFR sprinkler protected building. Curb shall be double wall aluminum construction with 3/4" polyisocyanurate insulation and a 3" wide roof mounting flange. Units shall be designed to drop out when subjected to the UL fire test.

Dimensions

Model Size	Rough Opening Dimensions	Model Size	Rough Opening Dimensions	Model Size	Rough Opening Dimensions
5555	48" x 48"	5566	48" x 60"	5596	48" x 90"
		5578	48" x 72"	55102	48" x 96"



Technical Specifications

Combustion Classification

CC2

Underwriters Laboratories (UL)

Listed to UL 793 Standard
Wind Uplift: Class 30

ESSLDOUL

Example Model Number

55102-ESSLDOUL-SF-2-CDO-WDO-9-INS-DW-360-MF

Features

1. Extruded aluminum frame
2. Self flashing (SF)
3. Monolithic acrylic double glazing
4. 3" Mounting flange
5. Fusible link
6. 9-5/16" Tall insulated curb (INS)
7. Double wall (DW)
8. Mill finish frame (MF), as standard

Dropout Options

1. Standard glazing options:
 - a. Clear monolithic acrylic (CDO)
 - b. White monolithic acrylic (WDO)
2. Fusible link temperatures:
 - a. 360° F (360), as standard
 - b. 500° F (500)

Accessories

1. External safety cages (SCAGE)

SLDOUL

Example Model Number

55102-SLDOUL-SF-2-CDO-WDO-9-INS-DW-MF

Features

1. Extruded aluminum frame
2. Self flashing (SF)
3. Monolithic acrylic double glazing
4. 3" Mounting flange
5. 9-5/16" Tall insulated curb (INS)
6. Non-welded double wall (DW)
7. Mill finish frame (MF), as standard

Dropout Options

1. Standard glazing options:
 - a. Clear monolithic acrylic (CDO)
 - b. White monolithic acrylic (WDO)

Accessories

1. External safety cages (SCAGE)

SLDOULTO (Top Only)

Example Model Number

55102-SLDOULTO-CM-2-CDO-WDO-MF

Features

1. Extruded aluminum frame
2. Curb mounted (CM)
3. Monolithic acrylic double glazing
4. Mill finish frame (MF), as standard

Dropout Options

1. Standard glazing options:
 - a. Clear monolithic acrylic (CDO)
 - b. White monolithic acrylic (WDO)

Accessories

1. External safety cages (SCAGE)

ASSLDOUL

Example Model Number

55102-ASSLDOUL-CM-2-CDO-WDO-MF

Features

1. Extruded aluminum frame
2. Curb mounted (CM)
3. Monolithic acrylic double glazing
4. Extruded aluminum adaptor frame to fit existing roof curbs
5. Santoprene thermoplastic gaskets
6. Mill finish frame (MF), as standard

Dropout Options

1. Standard glazing options:
 - a. Clear monolithic acrylic (CDO)
 - b. White monolithic acrylic (WDO)

Accessories

1. External safety cages (SCAGE)

IMPORTANT SAFETY NOTE:

The owner must take steps to protect personnel who may be in the area of the skylight or smoke vent. The owner should restrict access only to authorized personnel who have been adequately cautioned as to the location of the skylights or smoke vents and informed of the warnings below. Because there is a risk of fall and resulting personal injury, we recommend protective guardrails, internal safety screens or external cages around all skylights and smoke vents, as well as the use of fall restraint systems. We also recommend that skylights and smoke vents are inspected annually for evidence of damage, such as cracks or penetrations. Any damage should be repaired immediately, and the area beneath the skylight or smoke vent should be safeguarded against falling objects.

Warranty

For a period of ten (10) years from date of purchase, Kingspan Light + Air warrants that Series 3500 systems will be free of defects in material and workmanship and no uncontrolled water leakage through the commercial fixed self flashed dropout. Exceptions do apply. Please see full 10-Year Warranty document for more details.

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MKT-PDS-3500-2401

