

## Curb Mount Skydomes®

Wasco unit skylights offer outstanding lighting and thermal in a versatile range of dome or pyramid styles. These energy saving sky windows offer the highest performance acrylic glazed fixed unit skylight. Units are also available with Fall Protection, Hurricane Rated, and Blast Resistant glazing.\*

- Curb mount for use on 1½" thick site-built or prefabricated curbs
- Skydome unit is fully assembled with stainless steel screws and high performance weather seals
- Heat welded one-piece curb frame construction: heavy vinyl extruded curb frame with condensation gutter and counterflashing downward leg
- Aluminum extruded heliarc welded retainer frame
- Glazing is available in thermoformed acrylic as single or double domes
- Safety screens recommended

### Available models, in standard and custom sizes:

- Double Dome (DDCS)
- Single Dome (DCS)
- Single Dome with Lumira® Aerogel (DCSNT)
- Blast Resistant (DDCSBR)
- WBDR Impact Rated (DDCSHR)
- Florida Product Approved with Lumira® Aerogel (DDCSNTHR)



### CS Model Options

- P Pyramid Dome
- HR WBDR Impact Rated
- BR Blast Resistant
- NT Lumira® Aerogel
- SS Fall Protection



### Standard Sizes (Custom Available)

Model	O.D. of Curb
DDCS2828	25 ¼" x 25 ¼"
DDCS2836	25 ¼" x 33 ¼"
DDCS2852	25 ¼" x 49 ¼"
DDCS3636	33 ¼" x 33 ¼"
DDCS3652	33 ¼" x 49 ¼"
DDCS3676	33 ¼" x 72 ½"
DDCS4242	40" x 40"
DDCS4280	40" x 78"
DDCS5252	49 ¼" x 49 ¼"
DDCS5276	49 ¼" x 72 ½"
DDCS5284	49 ¼" x 81 ½"
DDCS5296	49 ¼" x 92 ½"
DDCS6060	58" x 58"
DDCS6476	60 ½" x 72 ½"
DDCS6496	60 ½" x 92 ½"
DDCS7272	71" x 71"
DDCS8080	78" x 78"
DDCS9898	95 ½" x 95 ½"

### WBDR Impact Rated (DDCSHR)

- Impact rated for Wind-Borne Debris Region (WBDR)
- Provided with impact modified acrylic to meet test requirements: ASTM-1886, ASTM-1996, TAS 201, 202 and 203
- 5252 can achieve 75/75 +/- DP, 5276 can achieve 60/60 +/- DP, 5296 can achieve 45/45 +/- DP
- Available in sizes up to a model 5296
- Available in curb mount models, in clear or white glazing

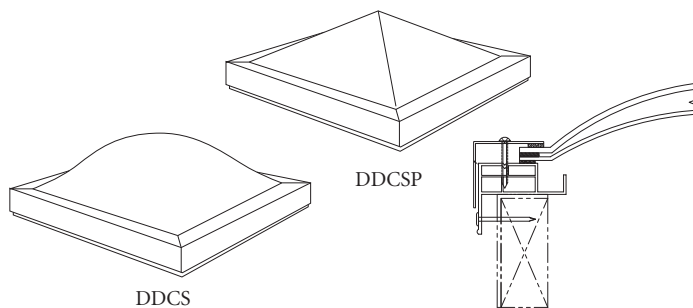
### Blast Resistant (DDCSBR)

- Provided with copolyester to meet test requirements: ASTM-F1642-04, GSA-TS01-2003
- Available in sizes up to a model 5276
- Available in curb mount models, in clear or white glazing

### Fall Protection Sentinel Series (DDSS)

#### Wasco Sentinel Fall Protection Units Comply with OSHA Fall Protection Regulations

- Engineered to resist a 775 ft. lb. impact without the use of metal grids or screens
- Uniform design-load capability to meet or exceed 40psf snow loads
- Sealed double dome for greater thermal resistance
- Permatherm® extruded vinyl curb frame with thermally fused corners
- Provided with impact modified acrylic double domes in clear, white, or bronze over clear or white
- Finish: Mill (standard), anodized, Kynar 500, baked enamel, and copper cladding optional
- Available in sizes up to 8080



\* HR and BR options are not available with pyramid dome models.



# PREFAB CURBS



## Pre-Fabricated Curbs (WC3, WC6)

### Economical and Convenient Alternative to Site Built Curbs

Wasco's prefabricated curbs are fully welded and assembled to save installation time and cost, with no chance of missing parts and no field assembly. Available in structural uninsulated or non-structural insulated models.

- Same standard sizes as curb mount models (see page 6), custom sizes available
- Curb heights of 9", 12", 14" and 16"
- 14 or 18 gauge galvanized steel construction
- Full height mitered and welded corners
- Factory installed 3/16" welded wire 6" x 6" security screen standard with optional:
  - No security screen
  - California grid – 3/16" security grid at 4" OC
  - Burglar bars – 8" x 8" grid, 1/2" diameter steel

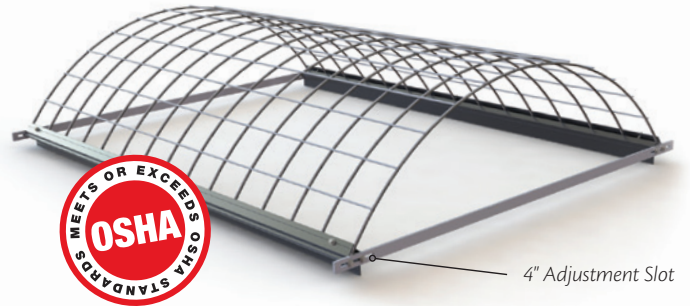
### Non-structural Insulated Curbs (WC3)

- Installs on roof deck
- 20 gauge liners painted white
- 1 1/2" thick 3 lb density fiberglass insulation
- 2x2 wood nailer

### Structural Uninsulated Curbs (WC6)

- Spans between joists with no additional framing required
- Installs under roof deck
- Interior painted white
- 2x4 wood nailer

# FALL PROTECTION



## Safety Screens (FP)

### 4" x 4" Heavy Gauge Galvanized Welded Wire Screen

Wasco's safety screens fit any new or existing unit skylight. They are lightweight, easy to install, and meet the intent for OSHA fall protection standards. They can be installed permanently over units or as temporary protection on construction sites.\*

- Adjustment range of 4" in width for easy installation
- Can be used as temporary protection\*
- Meets the intent of OSHA 29CFR 1910.23
- Galvanized steel standard, optional stainless steel

*\*Must be secured to roof or curb for temporary use.*

## Unit Finish Options

Mill is standard on all models. Kynar and Baked Enamel colors shown. Anodized colors and copper cladding also available.



## SAFETY CONSIDERATIONS

Wasco skylights are designed to withstand normal elements of the weather. They are not designed to withstand human impact or falling objects. These skylights should not be walked upon under any circumstances. The owner or designer should restrict access only to authorized personnel who have been adequately cautioned as to the location of the skylights and informed of the warning above, or said owner should provide protective guard rails or screens around the skylights.

