



**Glendora, California**

Toll-Free: 800.735.5566

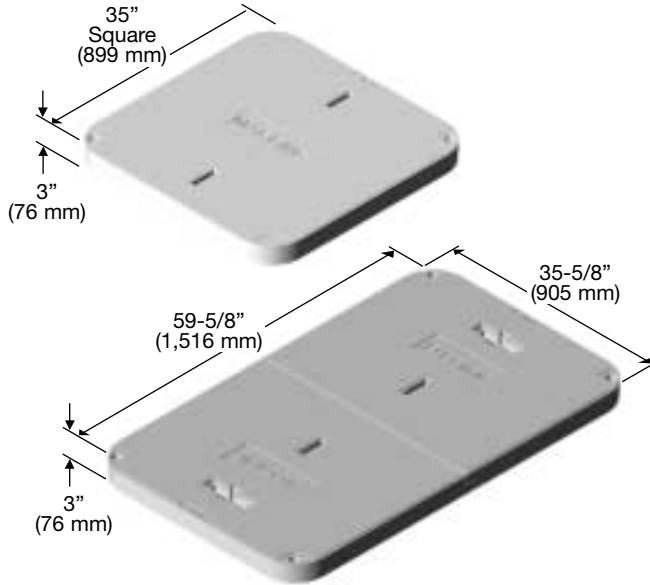
Phone: 909.592.6272

Fax: 909.592.7971

**Roscommon, Ireland**

Phone: 35.39.03.25922

Fax: 35.39.03.25921



# M Series 36-Vaults

## Medium Duty

**3636 Cover**

Material: Polymer Concrete

Model: 3636-PR Weight: 175.0 lbs.

See **OPTIONS SECTION**:

– *Light Weight Cover*

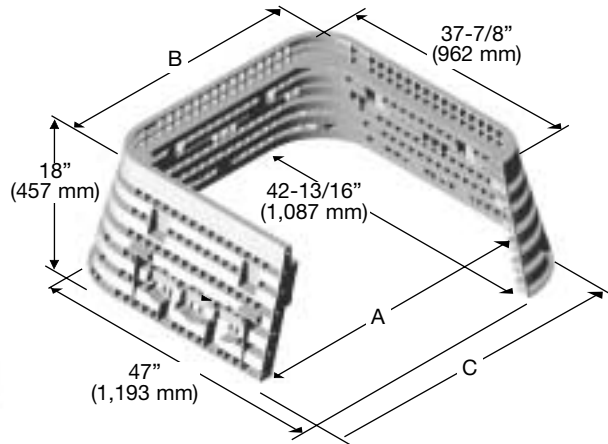
**3660 Cover (2 piece)**

Material: Polymer Concrete

Model: 3660-PR Weight: 330.0 lbs.

See **OPTIONS SECTION**:

– *Light Weight Cover*



**Bodies (3636-18, 3660-18)**

Material: HDPE

**3636-18**

Weight: 47.25 lbs.

B. 38" (965 mm)

Model: 3636-18

A. 43" (1,092 mm)

C. 47" (1,193 mm)

**3660-18**

Weight: 63.0 lbs.

B. 61.9" (1,572 mm)

Model: 3660-18

A. 66.9" (1,702 mm)

C. 71" (1,803 mm)

**Extensions (height in 6", 12" and 18" increments)**

Material: HDPE

Model: 3636-18X

3660-18X

Weight: 52.25 lbs.

Weight: 73.25 lbs.

**Options (see OPTIONS SECTION)**

– Floors

– Light Weight

Covers

– Duct Terminations

– Drains

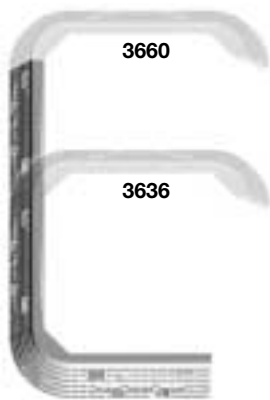
**Colors Available**

Body – Gray

Cover and Ring – Gray or Green

Note: For use in non-vehicular traffic situations only. Weights and dimensions may vary slightly.

Revision Date 4/2003



**TOP VIEW – Available Body/Extension Models**

**Extension – Made to order**

# M Series 36-Vaults

## Medium Duty

## Carson Industries, LLC

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### Static Vertical Load Rating (Design Load; Test Load)

- Meets or exceeds 20,000 lbf Static Vertical Load
- Tier 5 – 5,200 lbf; 11, 282 lbf
- WUC, Guide 3.6 – 10,400 lbf; Report Ultimate

### Shipping Configuration

- **3636-18:** Unit, 5 assemblies, = 64.6 cu. ft., 889.0 lbs.
- **3660-18:** Unit, 4 assemblies, = 72.0 cu. ft., 789.5 lbs.

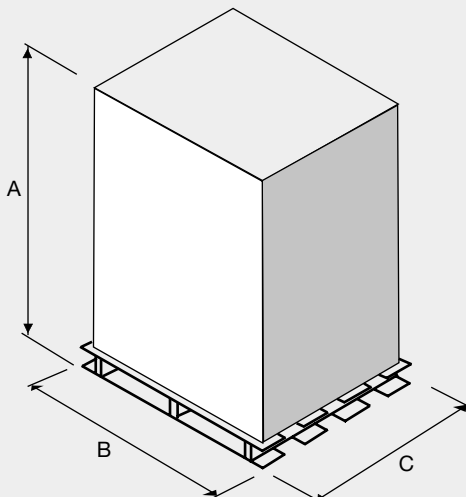
Material Property	ASTM Test	
	Method	Typical Value <sup>1</sup>
Type, Class, Category	D 1248	III, A, 3
Density, g/cm <sup>3</sup>	D 1505	0.950 min., not to exceed 0.965
Tensile Strength, at break, psi	D 638	3,000 to 4,400
Elongation, at break, %	D 638	400
Tensile Impact, ft-lb/in <sup>2</sup>	D 1822	27
Flexural Modulus, psi	D 790	120,000 min., not to exceed 240,000
Low Temperature Brittleness, F50, at °C	D 746	<-76
Hardness, Shore D	D 2240	66
Deflection Temperature, at 66 psi, °F	D 648	150° min., not to exceed 200°
Electrical Dielectric Strength, V/mil	D 149	400 min., not to exceed 600

### Properties of Polymer Concrete Material

Flexural Strength	C 580	7,500 psi
Compression Strength	C 579	11,000 psi

<sup>1</sup>The values listed for physical property measurements are nominal values only. Certain physical property measurements are subject to variations consistent with the test methods and are within a generally accepted range for such values.

### Shipping Information



#### UNIT 3636-18

Dim.	Description	Value
A	Height	52"
B	Length	48"
C	Width	70"

**Units:** 5 per pallet  
**Weight:** 1,168 lbs. per pallet

#### COVER 3636

Dim.	Description	Value
A	Height	36"
B	Length	42"
C	Width	48"

**Units:** 10 per pallet  
**Weight:** 1,795 lbs. per pallet

#### BODY 3636-18

Dim.	Description	Value
A	Height	85"
B	Length	48"
C	Width	70"

**Units:** 8 per pallet  
**Weight:** 433 lbs. per pallet

#### UNIT 3660-18

Dim.	Description	Value
A	Height	61"
B	Length	48"
C	Width	72"

**Units:** 4 per pallet  
**Weight:** 1,627 lbs. per pallet

#### COVER 3660 (2 piece)

Dim.	Description	Value
A	Height	21"
B	Length	42"
C	Width	60"

**Units:** 5 sets per pallet  
**Weight:** 1,765 lbs. per pallet

#### BODY 3660-18

Dim.	Description	Value
A	Height	85"
B	Length	48"
C	Width	72"

**Units:** 8 per pallet  
**Weight:** 559 lbs. per pallet

Note: For use in non-vehicular traffic situations only. Weights and dimensions may vary slightly.

All information contained in this brochure was current at the time of printing. Because of Carson Industries' policy of ongoing research and development, the Company reserves the right to discontinue or update product information without notice.