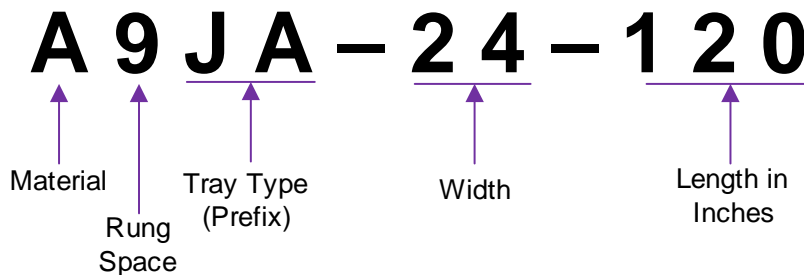


# LADDER TRAY

## TECHNICAL DATA

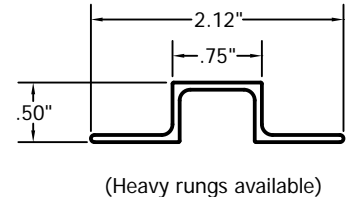
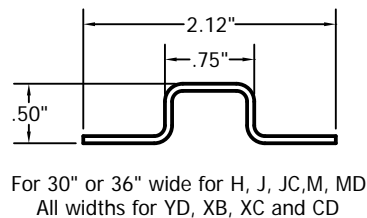
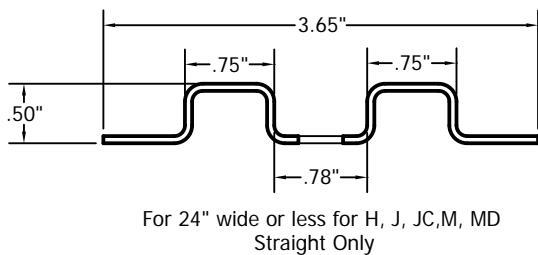
|                 |   |
|-----------------|---|
| Depth           | 3 3/8 inches, 4 inches, 4 1/2 inches, 6 inches and 6 1/4 inches.  |
| Length          | 10 feet (120") standard. Also available in 20 feet (240").  |
| Widths (inside) | 6, 9, 12, 18, 24, 30 and 36 inches.   |
| Rung Spacing    | 6, 9 or 12 inches.  |
| Materials       | Aluminum Alloy 6061-T6 or 6063-T6, Stainless Steel, Mill Galvanized or HDGAF Steel. Painted, epoxy and other finishes are also available. |
| Fittings        | 12, 24 or 36 inch radii. See the Fittings Section of this catalog.  |
| Splice Plates   | Straight sections and fittings are supplied with splice connectors and hardware.  |

## CATALOG NUMBER



**Materials:** A = Aluminum, P = Mill Galvanized, S = HDGAF Steel, 4 = 304 Stainless, 6 = 316 Stainless

## BOTTOM DIMENSIONS



## HOW TO ORDER

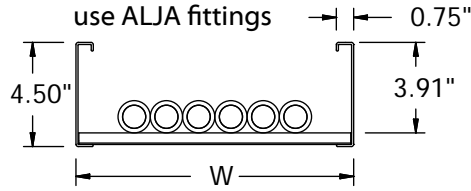
| Prefix                        | Prefix – Width – Length | Splices |
|-------------------------------|-------------------------|---------|
| A( )JA, A( )JB, A( )YA        | – ( ) – 120             | ASP-H2  |
| A( )MB, A( )X, A( )X1         | – ( ) – 120             | ASP-M2  |
| S( )H, S( )J, S( )JC, S( )YD  | – ( ) – 120             | SSP-H2  |
| S( )M, S( )MD, S( )XC, S( )XD | – ( ) – 120             | SSP-H2  |

Note: Insert Rung Space in Prefix, and then insert Width. All dimensions are in inches

# LADDER TRAY

## A9JA NEMA 12A

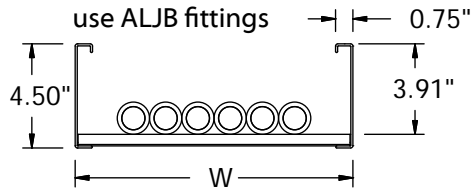
exceeds CSA C1  
use ALJA fittings



| Width | Span (ft) |      |      |      |      |      |      |      |
|-------|-----------|------|------|------|------|------|------|------|
|       | 4         |      | 6    |      | 8    |      | 10   |      |
|       | Load      | Defl | Load | Defl | Load | Defl | Load | Defl |
| 6"    | 540       | 0.15 | 240  | 0.34 | 135  | 0.61 | 86   | 0.96 |
| 9"    | 523       | 0.15 | 240  | 0.34 | 135  | 0.61 | 86   | 0.96 |
| 12"   | 393       | 0.11 | 240  | 0.34 | 135  | 0.61 | 86   | 0.96 |
| 18"   | 262       | 0.07 | 240  | 0.34 | 135  | 0.61 | 86   | 0.96 |
| 24"   | 196       | 0.05 | 196  | 0.28 | 135  | 0.61 | 86   | 0.96 |
| 30"   | 157       | 0.04 | 157  | 0.22 | 135  | 0.61 | 86   | 0.96 |
| 36"   | 131       | 0.04 | 131  | 0.19 | 131  | 0.59 | 86   | 0.96 |

## A9JB NEMA 12B

exceeds CSA C1  
use ALJB fittings

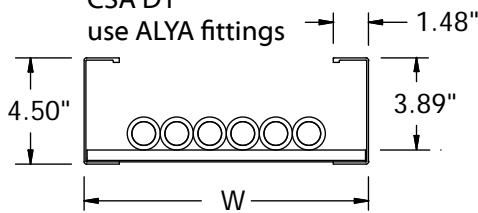


| Width | Span (ft) |      |      |      |      |      |      |      |
|-------|-----------|------|------|------|------|------|------|------|
|       | 4         |      | 6    |      | 8    |      | 10   |      |
|       | Load      | Defl | Load | Defl | Load | Defl | Load | Defl |
| 6"    | 696       | 0.14 | 300  | 0.32 | 169  | 0.57 | 108  | 0.89 |
| 9"    | 523       | 0.11 | 300  | 0.32 | 169  | 0.57 | 108  | 0.89 |
| 12"   | 393       | 0.08 | 300  | 0.32 | 169  | 0.57 | 108  | 0.89 |
| 18"   | 262       | 0.05 | 262  | 0.28 | 169  | 0.57 | 108  | 0.89 |
| 24"   | 196       | 0.04 | 196  | 0.21 | 169  | 0.57 | 108  | 0.89 |
| 30"   | 157       | 0.03 | 157  | 0.17 | 157  | 0.53 | 108  | 0.89 |
| 36"   | 131       | 0.03 | 131  | 0.14 | 131  | 0.14 | 108  | 0.89 |

## A9YA NEMA 20A, 16B, 12C

CSA D1

use ALYA fittings

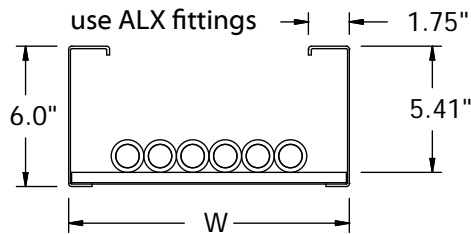


| Width | Span (ft) |      |      |      |      |      |      |      |
|-------|-----------|------|------|------|------|------|------|------|
|       | 12        |      | 14   |      | 16   |      | 18   |      |
|       | Load      | Defl | Load | Defl | Load | Defl | Load | Defl |
| 6"    | 139       | 1.63 | 102  | 2.22 | 78   | 2.90 | 50   | 4.53 |
| 9"    | 139       | 1.63 | 102  | 2.22 | 78   | 2.90 | 50   | 4.53 |
| 12"   | 139       | 1.63 | 102  | 2.22 | 78   | 2.90 | 50   | 4.53 |
| 18"   | 139       | 1.63 | 102  | 2.22 | 78   | 2.90 | 50   | 4.53 |
| 24"   | 139       | 1.63 | 102  | 2.22 | 78   | 2.90 | 50   | 4.53 |
| 30"   | 139       | 1.63 | 102  | 2.22 | 78   | 2.90 | 50   | 4.53 |
| 36"   | 131       | 1.54 | 102  | 2.22 | 78   | 2.90 | 50   | 4.53 |

## A9X NEMA 20B, 16C, 12C

CSA E

use ALX fittings

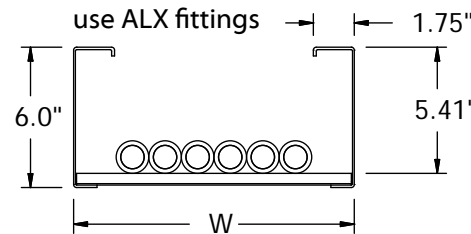


| Width | Span (ft) |      |      |      |      |      |      |      |
|-------|-----------|------|------|------|------|------|------|------|
|       | 12        |      | 14   |      | 16   |      | 20   |      |
|       | Load      | Defl | Load | Defl | Load | Defl | Load | Defl |
| 9"    | 208       | 0.92 | 153  | 1.26 | 117  | 1.64 | 75   | 2.56 |
| 12"   | 208       | 0.92 | 153  | 1.26 | 117  | 1.64 | 75   | 2.56 |
| 18"   | 208       | 0.92 | 153  | 1.26 | 117  | 1.64 | 75   | 2.56 |
| 24"   | 196       | 0.87 | 153  | 1.26 | 117  | 1.64 | 75   | 2.56 |
| 30"   | 157       | 0.69 | 153  | 1.26 | 117  | 1.64 | 75   | 2.56 |
| 36"   | 131       | 0.58 | 131  | 1.08 | 117  | 1.64 | 75   | 2.56 |

## A9X1 NEMA 20C

exceeds CSA E

use ALX fittings



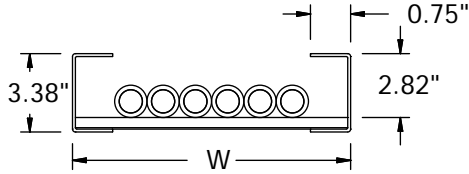
| Width | Span (ft) |      |      |      |      |      |      |      |
|-------|-----------|------|------|------|------|------|------|------|
|       | 12        |      | 14   |      | 16   |      | 20   |      |
|       | Load      | Defl | Load | Defl | Load | Defl | Load | Defl |
| 9"    | 277       | 1.12 | 204  | 1.53 | 156  | 1.99 | 100  | 3.13 |
| 12"   | 277       | 1.12 | 204  | 1.53 | 156  | 1.99 | 100  | 3.13 |
| 18"   | 262       | 1.06 | 204  | 1.53 | 156  | 1.99 | 100  | 3.13 |
| 24"   | 196       | 0.79 | 196  | 1.47 | 156  | 1.99 | 100  | 3.13 |
| 30"   | 157       | 0.63 | 157  | 1.18 | 156  | 1.99 | 100  | 3.13 |
| 36"   | 131       | 0.53 | 131  | 0.98 | 131  | 1.67 | 100  | 3.13 |

Note: The unit of Load is lb and Deflection is inch.

# LADDER TRAY

## S9H & P9H

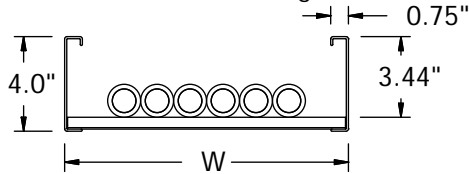
NEMA 12A  
exceeds CSA C1  
use SLH or PLH fittings



| Width | Span (ft) |      |      |      |      |      |      |      |
|-------|-----------|------|------|------|------|------|------|------|
|       | 4         |      | 6    |      | 8    |      | 10   |      |
|       | Load      | Defl | Load | Defl | Load | Defl | Load | Defl |
| 6"    | 408       | 0.09 | 280  | 0.32 | 157  | 0.57 | 101  | 0.88 |
| 9"    | 272       | 0.06 | 272  | 0.31 | 157  | 0.57 | 101  | 0.88 |
| 12"   | 204       | 0.05 | 204  | 0.23 | 157  | 0.57 | 101  | 0.88 |
| 18"   | 136       | 0.03 | 136  | 0.15 | 136  | 0.49 | 101  | 0.88 |
| 24"   | 102       | 0.02 | 102  | 0.12 | 102  | 0.37 | 101  | 0.88 |
| 30"   | 229       | 0.05 | 229  | 0.26 | 157  | 0.57 | 101  | 0.88 |
| 36"   | 191       | 0.04 | 191  | 0.22 | 157  | 0.57 | 101  | 0.88 |

## S9J & P9J

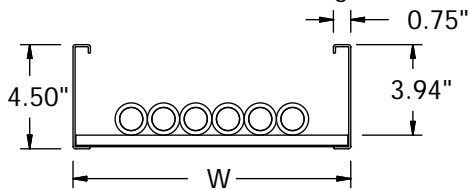
NEMA 12B  
exceeds CSA C1  
use SLJ or PLJ fittings



| Width | Span (ft) |      |      |      |      |      |      |      |
|-------|-----------|------|------|------|------|------|------|------|
|       | 4         |      | 6    |      | 8    |      | 10   |      |
|       | Load      | Defl | Load | Defl | Load | Defl | Load | Defl |
| 6"    | 408       | 0.06 | 300  | 0.22 | 169  | 0.40 | 108  | 0.62 |
| 9"    | 272       | 0.04 | 272  | 0.20 | 169  | 0.40 | 108  | 0.62 |
| 12"   | 204       | 0.03 | 204  | 0.15 | 169  | 0.40 | 108  | 0.62 |
| 18"   | 136       | 0.02 | 136  | 0.10 | 136  | 0.32 | 108  | 0.62 |
| 24"   | 102       | 0.02 | 102  | 0.08 | 102  | 0.24 | 102  | 0.59 |
| 30"   | 229       | 0.04 | 229  | 0.17 | 169  | 0.40 | 108  | 0.62 |
| 36"   | 191       | 0.03 | 191  | 0.14 | 169  | 0.40 | 108  | 0.62 |

## S9JC & P9JC

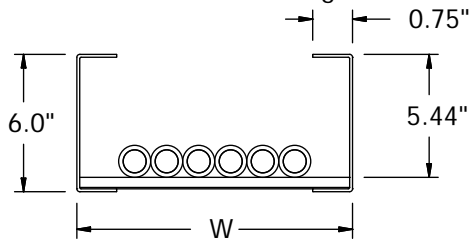
NEMA 12C  
CSA D1-3M  
use SLJC or PLJC fittings



| Width | Span (ft) |      |      |      |      |      |      |      |
|-------|-----------|------|------|------|------|------|------|------|
|       | 4         |      | 6    |      | 8    |      | 10   |      |
|       | Load      | Defl | Load | Defl | Load | Defl | Load | Defl |
| 6"    | 408       | 0.04 | 408  | 0.21 | 248  | 0.41 | 158  | 0.65 |
| 9"    | 272       | 0.03 | 272  | 0.14 | 248  | 0.41 | 158  | 0.65 |
| 12"   | 204       | 0.02 | 204  | 0.11 | 204  | 0.34 | 158  | 0.65 |
| 18"   | 136       | 0.01 | 136  | 0.07 | 136  | 0.22 | 136  | 0.56 |
| 24"   | 102       | 0.01 | 102  | 0.06 | 102  | 0.17 | 102  | 0.42 |
| 30"   | 229       | 0.02 | 229  | 0.12 | 229  | 0.38 | 158  | 0.65 |
| 36"   | 191       | 0.02 | 191  | 0.10 | 191  | 0.32 | 158  | 0.65 |

## S9M & P9M

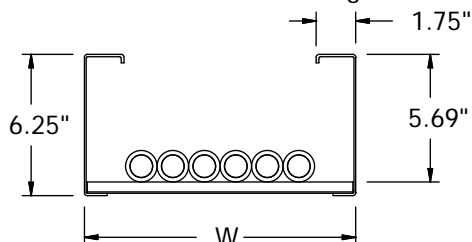
NEMA 12B  
CSA D1 on 3M  
use SLM or PLM fittings



| Width | Span (ft) |      |      |      |      |      |      |      |
|-------|-----------|------|------|------|------|------|------|------|
|       | 4         |      | 6    |      | 8    |      | 10   |      |
|       | Load      | Defl | Load | Defl | Load | Defl | Load | Defl |
| 6"    | 408       | 0.02 | 346  | 0.10 | 195  | 0.17 | 125  | 0.27 |
| 9"    | 272       | 0.01 | 272  | 0.08 | 195  | 0.17 | 125  | 0.27 |
| 12"   | 204       | 0.01 | 204  | 0.06 | 195  | 0.17 | 125  | 0.27 |
| 18"   | 136       | 0.01 | 136  | 0.04 | 136  | 0.12 | 108  | 0.62 |
| 24"   | 102       | 0.01 | 102  | 0.03 | 102  | 0.09 | 102  | 0.59 |
| 30"   | 229       | 0.01 | 229  | 0.07 | 195  | 0.17 | 125  | 0.27 |
| 36"   | 191       | 0.01 | 191  | 0.06 | 191  | 0.17 | 125  | 0.27 |

## S9XB & P9XB

NEMA 20B, 16C, 12C  
CSA E  
use SLXB or PLXB fittings



| Width | Span (ft) |      |      |      |      |      |      |      |
|-------|-----------|------|------|------|------|------|------|------|
|       | 12        |      | 14   |      | 16   |      | 20   |      |
|       | Load      | Defl | Load | Defl | Load | Defl | Load | Defl |
| 9"    | 236       | 0.71 | 173  | 0.97 | 133  | 1.27 | 85   | 1.99 |
| 12"   | 236       | 0.71 | 173  | 0.97 | 133  | 1.27 | 85   | 1.99 |
| 18"   | 236       | 0.71 | 173  | 0.97 | 133  | 1.27 | 85   | 1.99 |
| 24"   | 236       | 0.71 | 173  | 0.97 | 133  | 1.27 | 85   | 1.99 |
| 30"   | 229       | 0.69 | 173  | 0.97 | 133  | 1.27 | 85   | 1.99 |
| 36"   | 191       | 0.57 | 173  | 0.97 | 133  | 1.27 | 85   | 1.99 |

Note: The unit of Load is lb and Deflection is inch.