

s_enn[®] Shading System

Exterior Stainless Steel Roller Shades

by

DRAPER

Please check all appropriate selections and attach room schedule with verified dimensions.

Specification

Electric Operator:

Vertically installed blind with roll-formed stainless steel micro-slats welded onto stainless steel strips, spaced at 150mm/6" centers, to form a "curtain," side guides and a round or square aluminum headbox.

Bottom rails and side guides:

Type 70 system: Round extruded aluminum bottom bar profile guided on two 15mm diameter stainless steel rods.

Type 71 and custom system: Round or rectangular extruded aluminum bottom bar. The bottom bar, together with the edges of the curtain, is guided by rectangular profile extruded aluminum side channels incorporating polyamide inserts to allow the smooth operation of the system.

Headbox:

Standard Type 70 and Type 71 systems: Systems up to 2800mm/110" tall-170mm/6.69" diameter round extruded aluminum head box or 180mm x 180mm/7.09" x 7.09" rectangular formed aluminum head box.

Custom systems: Systems up to 3000mm/118" tall-225mm x 300mm/8.86" x 11.81" rectangular formed aluminum head box. Systems from 3001mm to 4500mm/118"-177" tall-240mm x 320mm/9.45" x 12.60" rectangular formed aluminum head box. Systems from 4501mm to 6000mm/177"-236" tall-255mm x 335mm/10" x 13.19" rectangular formed aluminum head box. Headboxes to have a polyester powder coated finish to a standard RAL.

Headbox Endcaps:

Standard Type 70 and Type 71 systems: Cast aluminum incorporating slots and fixings for the roller tube, motor and head box.

Custom systems: Machined aluminum plates with fittings for the roller tube, motor and head box.

Brackets to mount the headboxes and side guides are manufactured from cast aluminum. Both single brackets and dual brackets that allow the installation of adjacent systems are available.

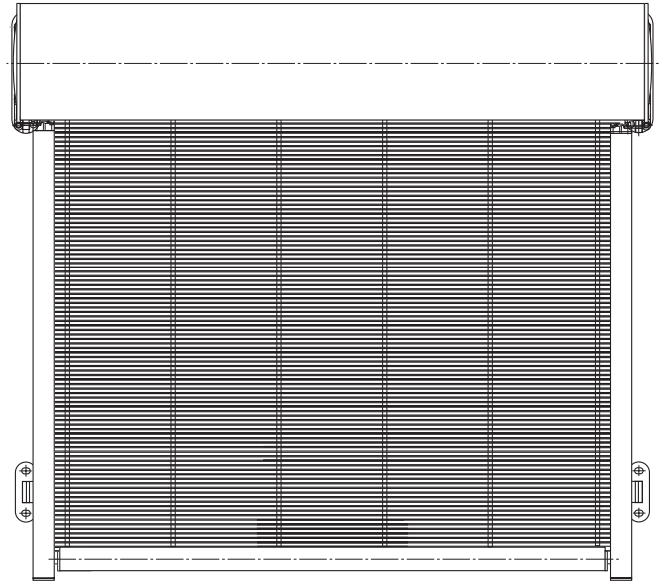
Roller Tube: 80mm/3.15" diameter extruded aluminum tube with a special profile to allow a positive attachment of the curtain.

Curtain: Curtain manufactured from roll formed micro slats manufactured from grade V4A stainless steel. The slats have a custom profile and are approximately 5mm tall x 4mm deep. The slats are welded to V4A stainless steel tapes that are spaced at 150mm/6" centers. The spacing between the slats gives an openness of approximately 23% to allow good vision to the exterior and to cut out any direct sun penetration for sun angles greater than 20% above the horizon. The system has been tested in a wind tunnel and can be operated in wind speeds up to a maximum of 90 kph/56 mph.

Operation: The system is motorized and incorporates a 110v, UL listed, tubular motor which is installed in the roller tube. The motor incorporates adjustable upper and lower limits to allow the fully deployed and retracted positions to be set and has a lead that is approximately 1m/3'3" long, complete with a disconnect plug. The disconnect plug is installed in a tube to provide water protection up to the European IP54 rating. An optional radio remote RTS motor with an integrated receiver is also available as an alternative to the standard motor.

Finishes: The s_enn curtain is supplied in polished stainless steel and no other finishes are available. All visible aluminum components are polyester powder coated to RAL 9006 as standard. Other RAL colors are available on request. Plastic parts are generally supplied in black.

Installation: The system can be wall or recess mounted or connected directly to the curtain wall mullions. The system is supplied without mounting screws.



Select Headbox Style

- Square (Type 71 only)
- Round

Select Side Guides

- Type 70 Side Guide Rods (Round headbox only)
- Type 71 Side Rail Extrusions

Select Motor and Controls

- 110-120V AC Motor

Controls

- BC2
- SFBC2

Peripherals

- Wall Switch
- Control Point
- BACnet Router

Sensors

- Brightness Sensor (Directionless)
- Brightness Sensor (Directional)
- Wind Sensor
- Combo Sensor
- 110-120V AC Radio Technology Motor

Controls

- Altus RF
 - 1-Channel Transmitter
 - 4-Channel Transmitter
 - 5-Channel Transmitter with scroll wheel
 - Dry Contact Interface
 - Single Motor Sun Sensor
- Wireless Wall Switch
 - 1-Channel (Circle one: White/Ivory)
 - 4-Channel (Circle one: White/Ivory)
 - Chronis 1-Channel with 24-hour Timer
- Multi-Link Universal RTS Interface (5-channel)
- Multi-Link RS232 to RTS Interface (16-channel)

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PROJECT: _____

ARCHITECT: _____

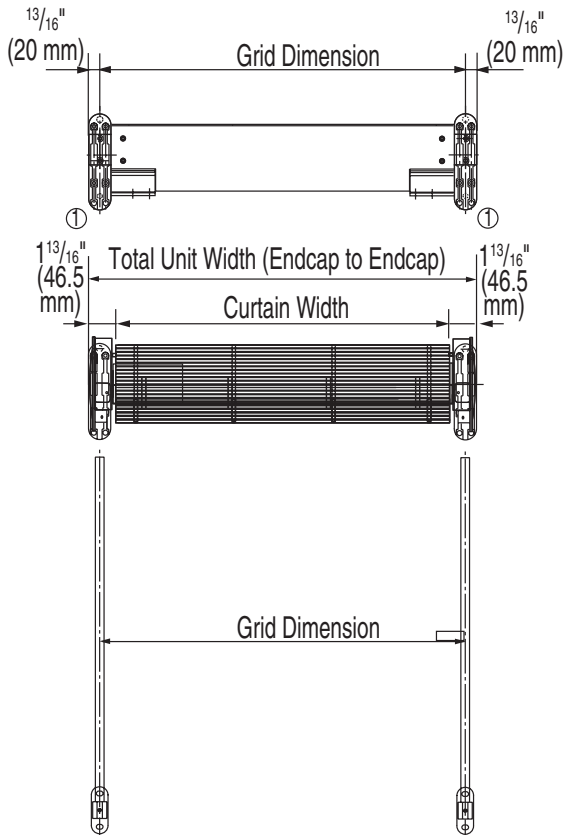
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SUPPLIER: _____

DATE: _____ REVISED: _____

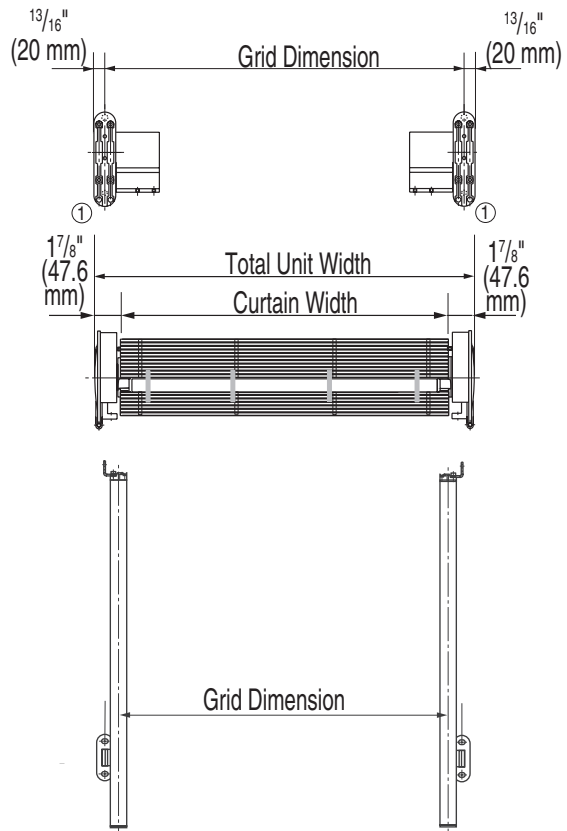
Dimensions

1.1 System Type SN 70.1



2.1

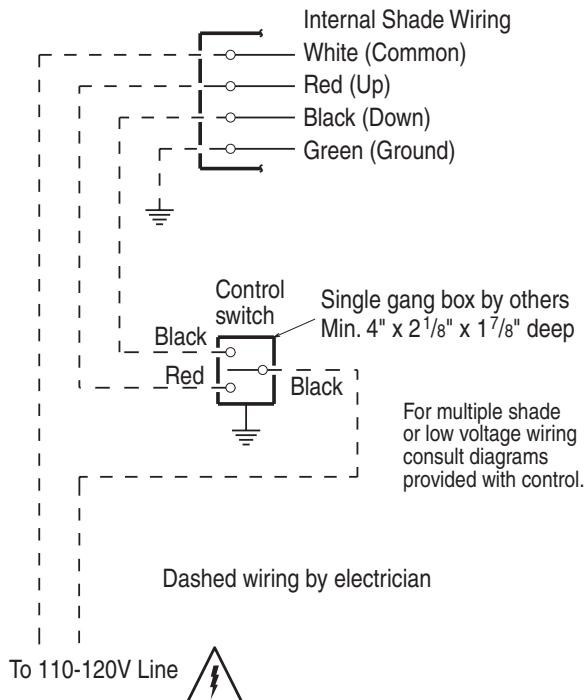
System Type SN 71.1



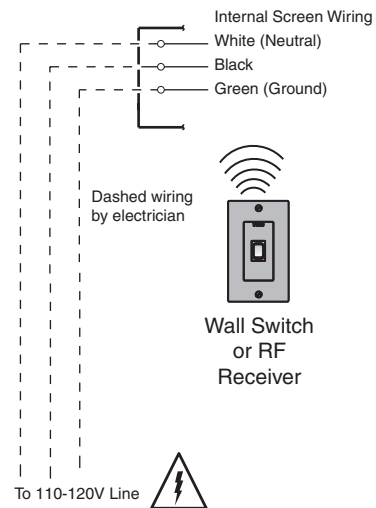
Wiring

Standard and Quiet Single Shade Wiring Diagram

Do not wire motorized units in parallel without written consent from Draper.



Radio Technology 110-120V Motors



NOTE: Test shade operation. If shade direction does not correspond with the switch orientation, **turn power back off then switch the red and black wires from the motor to the switch.**