

HOSPITAL OPERATING ROOM AIR SYSTEM STAINLESS STEEL • MODULAR PLENUM STERI-SYSTEM 12 x 10 MODULE MODEL: 92STSYS(-O) – 12 x 10

REFLECTED CEILING VIEW STERI-SYSTEM LINEAR DIFFUSERS LAMINAR FLOW DIFFUSERS 12 FT. (3658) NOMINAL MODULE SIZE 48 x 24 (1219 x 610) MODULE SIZE TWO 16" x 5" (406 x 127) FLANGED INLETS 12" (305) DIA. INLET MODEL: 92LS-SS-16x5-12-S-#4 MODEL: 92LFD-SS-12-48x24-S-#4 (TYP. 3) (TYP. 4) 12.25" 12.25" 47.75 141 5" 10 120" (311)(311)(1213)(3594)FT. (3048) A 23.75 (603)12 FT. 144" (3658) 141.5" (3594) ► - 1.25" (32) 10.75" (273) - 165.5" (4204)

DESCRIPTION:

The Steri-System is a complete operating room ventilation system, specially designed to reduce airborne contaminants, and thus, the risk of patient infection during surgery. It consists of two main components. Model 92LS-SS Linear Slot Diffusers, located around the perimeter, create a continuous curtain of air angled outwards 5 – 15 degrees. The curtain encloses the operating area and minimizes the possibility of contaminated air entering the surgical area. Model 92LFD-SS Laminar Flow Diffusers, installed above the operating table, produce a low velocity, non-aspirating, vertical air pattern. This 'clean' conditioned air flows over the operating table and greatly increases the ventilation rate within the surgical area.

CONSTRUCTION:

- 1. Type 304 Stainless Steel face, pressure plate and distribution plenum. Min. 22 ga.
- 2. Standard safety cables prevent accidental dropping of the removable face.
- 3. All face panels attached with stainless steel 1/4 turn fasteners.
- 4. Standard finish is #4 Brushed Satin Polished.

OPTIONS:

- Perimeter Inlet Balancing Dampers
- (Face Operated). Model 92STSYS-O.
- □ 316 Type 316 Stainless Steel construction.

SCHEDULE TYPE:	Page 1 of 2			
PROJECT:	Dimensions are in inches (mm).			
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	9 - 2 - 16	STERI-SYS	8 - 22 - 11	STERI-SYS-9

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.



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PLENUM TOP VIEW (8.33) (8.33) (8.33) (8.33) STERI-SYSTEM LINEAR DIFFUSERS LAMINAR FLOW DIFFUSERS 12 FT. (3658) NOMINAL MODULE SIZE 48 x 24 (1219 x 610) MODULE SIZE TWO 16" x 5" (406 x 127) FLANGED INLETS MODEL: 92LS-SS-16x5-12-S-#4 12" (305) DIA. INLET MODEL: 92LFD-SS-12-48x24-S-#4 (TYP. 4) (TYP. 3) (3556) (CEILING OPENING) (11.11)(11.11)(11.11)(3524) 15" 15" 45" 122.75 (381)- (381) 138.75" (1143) (3118) 46.25" (1175) (CEILING **OPENING**) 40" (8.33) (8.33) - 21" (533) 22.25" (565) (CEILING OPENING) 16" x 5" (406 x 127) FLANGED INLET FLANGE CONNECTION (TYP. 8) (TYP. 4) 146.75" (3727) 2.5" (64) ٧ 8.33 (8.33) 4" (102) **∢**8"-► (203) 138.75" (3524) 9.25" 140" (3556) (CEILING OPENING) (235) (CÈILIŃG RECOMMENDED PERCENTAGE OF TOTAL SYSTEM # = AIRFLOW SUPPLIED THROUGH IDENTIFIED INLET OPENING) SECTION DETAIL A – A - 162.75" (4134) 8" 5 146.75" (3727) (203)(127) 11.875" (302) 2 1/2" (64) 12.25" 12" 12.25 ¥ -(311)-(311) (305) 6' (152). 144" (3658) - 165.5" (4204) SCHEDULE TYPE: Page 2 of 2 Dimensions are in inches (mm). **PROJECT: ENGINEER:** DATE **B SERIES** SUPERSEDES DRAWING NO. **CONTRACTOR:** 9 - 2 - 16 **STERI-SYS** 8 - 22 - 11 STERI-SYS-9

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