

ENGINEERING SPECIFICATION & CONFIGURATION

9S80HF

The hinged face return grille shall be a Krueger model 9S80HF. This grille must have fixed 45° deflection (H and V models) or 0° deflection (HZ and VZ models) blades on 3/4" centers constructed of roll formed 304 stainless steel with minimum 0.050" thickness. The frame of the grille must be constructed of 18 gage 304 stainless steel and attach to a 20 gage 304 stainless steel sub-frame with stainless steel hinges and #8-32 stainless captive screws. The sub-frame shall have countersunk screw holes (#6 x 1 1/4" stainless sheet metal screws provided by manufacturer). The frame and sub-frame assembly must produce a border not exceeding 1 9/16" around all sides of the grille with mitered corners.

Optional 304 stainless steel damper available made of 20 gage stainless steel welded to the return grille and operable from the face.

Optional filter clips available for the sub-frame so assembly can accept a 1" thick filter.

Optional 316 stainless steel construction available.

FINISH

The finish shall be 90 - #4 Satin Polish, obtained by finishing with a 120-grit abrasive, or 44 - British White.

1. SERIES: (XXXXXX)

9S80HF - Hinged Face Return Grille

2. PATTERN: (XX)

H - 45° Horizontal Blades
 V - 45° Vertical Blades
 HZ - 0° Horizontal Blades
 VZ - 0° Vertical Blades

3. WIDTH: (XX)

6" - 48" in 1" Increments

4. HEIGHT: (XX)

6" - 48" in 1" Increments

5. MATERIAL: (XXX)

304 - Stainless Steel Grade 304
 316 - Stainless Steel Grade 316

6. FRAME STYLE: (XXX)

F22 - Surface Mount
 F23 - Lay-in T-Bar

7. PANEL: (XX)x(XX)

None
 24"x24" *
 24"x48" *

8. FASTENING METHOD: (XX)

00 - No Screw Holes
 01 - Countersunk Screw Holes **
 08 - 1 1/2" Turn, Hinged Top ***
 12 - 1 1/2" Turn, No Hinge ***

9. DAMPER: (XX)

00 - No Damper
 01 - Stainless Steel OBD †

10. ACCESSORIES: (XX) (XX)

00 - No Accessories
 XX - Square to Round Adapter ‡
 (Specify size from 04 - 18" in increments of 2", depending on neck size)
 FC - Filter Clips

11. FINISH: (XX)

90 - #4 Satin Polish
 44 - British White

Maximum single size section is 36"x48".

* Only available with Frame 23.

** Unit shipped with #6x1 1/4" stainless steel sheet metal screws.

*** Fastening Method codes '08' and '12' use 1 1/2" turn captive machine screws.

† Damper is welded to unit.

‡ Square to Round Adapter is not available with OBD.

SAMPLE CONFIGURATION: 9S80HF - H - 20x20 - 304 - F22 - NONE - 08 - 00 - FC - 90