



(ENGINEERS)
SUBMITTAL DATA
MODEL C-SR-WTP/C-SR-WTPS
(Field Supplied Plenum)

Ceiling Radiation Damper for wood truss systems
 U.L.555C CLASSIFIED ASSEMBLIES AND ULC S112.2 LISTED
 Approved for 1 Hour Wood Truss Floor/Ceiling Assemblies



Application and Design

The Model C-SR-WTP(S) is a rectangular UL Classified ceiling (radiation) damper, single blade or butterfly style, approved for steel duct, flex duct and ductless installations in approved UL ceiling/floor designs listed below**. These dampers provide protection up to 18" x 18" openings, or rectangular openings not exceeding 324" sq. inches (with limitations, see sizing chart). C-SR-WTP(S) dampers must have either a field assembled insulated duct board outlet box, a minimum 22 ga steel boot with side outlet, or minimum 26 ga steel insulated boot with side outlet installed on it to meet UL requirements.

Standard Construction

Frame: Galvanized Steel
 (gauge as required by UL)

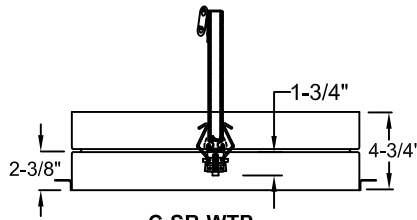
Blades: Galvanized Steel, uninsulated 80 sq. in. and under, sizes over 80 sq. in. insulated with 1/8" kaowool flex wrap non-quilted insulation (gauge as required by UL)

Springs: Corrosion resistant steel spring

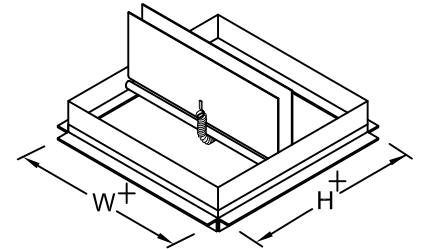
Fusible Link: Replaceable 165°F (75°C) std.
 (212° F optional)

Designed and tested in accordance to standards: UL 555C, ULC S112.2. Labeled and listed by UL/ULC under File# R25411. They meet all the NFPA-90A, IBC Code, and other major code requirements for Ceiling (Radiation) Dampers.

Note:
 Due to continuing research, UE reserves the right to change specifications without notice.

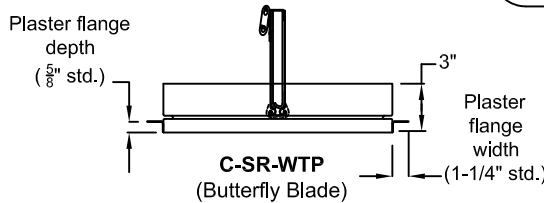


C-SR-WTP
 shown with Adjustable Volume Controller
 (Minimum 6" x 6" as shown)

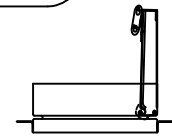


(+) H and W are actual I.D. Dimensions.

UL approved with
 steel and aluminum diffuser



C-SR-WTP
 (Butterfly Blade)

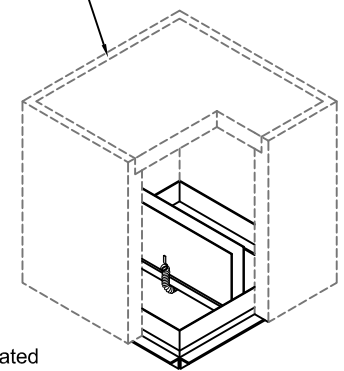


C-SR-WTPS
 (Single Blade)

Options:

- Volume Adjustment (min. size: 6"x6")
- Boot Rail
- Alternate Plaster Flange
 - 1-1/4" deep x 1-1/4" wide
 - 2" deep x 1-1/4" wide
- Alternate 212° F (100°C) fusible link

Field supplied duct board plenum shown



**Intended for installation in Fire Resistance Design Nos. L546, L558, L574, L585, M520, P533, P538, P545, P547, & P559 as detailed in the UL Fire Resistance Directory and are similar to fire resistance rated ceiling constructions represented in the International Building Code. Contact factory regarding design nos. not listed above.

C-SR-WTP (butterfly) Standard Sizes	
Min. Size (W x H)	Max. Size (W x H)
6" x 4" [152mm x 102mm]	18" x 18" sq. 457mm x 457mm
maximum rectangular size: 22" w or 20"h with a maximum area of 324 sq. in.	

C-SR-WTPS (single blade) Standard Sizes	
Min. Size (W x H)	Max. Size (W x H)
6" x 4" [152mm x 102mm]	9" x 18" 229mm x 457mm

Job Name:	<input type="checkbox"/> MODEL C-SR-WTP (field supplied plenum, butterfly blades)
Location:	<input type="checkbox"/> MODEL C-SR-WTPS (field supplied plenum, single blade)
Architect:	
Engineer:	DRAWN BY: CLJ DATE: 6-3-14 REV. DATE: 7-28-16
Contractor:	REV. NO. 3 APPROVED BY: BGT DWG. NO.: P-93f