

NuVent's CFRD Series combines its popular Contractor Fans with Ceiling Radiation Dampers. Designed to protect the integrity of 3-hour fire-rated ceilings, the CFRD Series meets UL Standard 555C, and may be removed to allow easy motor replacement. The CFRD Series is available with 50 or 70 CFM fans, housings with multiple ducting options, and features NuVent's patented curved grille design offering efficient airflow and contemporary style.



CFRD SERIES

CONTRACTOR FANS WITH CEILING RADIATION DAMPERS



CFRD Series Fan
The profession's choice for fire safety.

Radiation Damper assembly and sleeve are removeable to allow easy motor replacement.

FAN HOUSING

- one piece, heavy gauge (.024) galvanized steel
- larger wiring compartment provides easy access and installation
- mounts directly to joist with mounting tabs
- housing available with 3" metal or plastic duct collar or 4" plastic duct collar
- extended discharge collar with built-in backdraft damper

MOTOR/GRILLE

- available in 50 CFM or 70 CFM models
- plug-in, permanently lubricated motor rated for 120 volts 60 Hz operation
- removable motor plate with easy slide-in mounting
- attractive curved grille for efficient airflow and contemporary style
- larger grille covers more of rough-in area
- grille mounts directly to damper with torsion springs
- UL listed for use in tub/shower with GFI branch circuit wiring

CEILING RADIATION DAMPER

- UL tested and labeled (UL Standard 555C) for use in 1-, 2-, and 3-hour floor-ceiling and roof-ceiling constructions
- removeable damper assembly and sleeve to allow easy motor replacement
- UL approved insulation blanket constructed of non-asbestos, high temperature reinforced fiber thermal curtain
- heat sensitive 165°F replaceable fusible link
- .024 galvanized steel frame

About Ceiling Radiation Dampers

Hourly-rated floor/ceiling membranes are designed to protect a structure from heat and subsequent potential collapse. Vented fans installed in these assemblies penetrate the fire-resistive membrane. To protect the ducted opening against the spread of heat and fire, many local codes require the installation of a ceiling radiation damper. Installed between the housing and the grille, the damper employs an insulation blanket which closes off the opening in an emergency by means of a heat-sensitive, fusible link. NuVent's Ceiling Radiation Damper meets UL Standard 555C and is labeled for use in fire-resistive floor/ceiling membranes.