TAF-R, TAF-R-FR
Access Floor Diffuser Series
Short Throw

Exclusive curved slot helical throw diffuser core
7 3/4" diameter

Manually adjusted flow regulator

Dirt/Dust Receptacle

Trim Ring with Spacer Flanges
(Must be used with this assembly.)

Open/Close indicator is raised from trim ring and diffuser core

Hole Opening for Diffuser is 219 mm

All dimensions are in millimeters.

Actuated Flow Regulator (Optional)

Check ☐ if provided.

☐ Actuator
☐ Thermostat

• 24VAC electric flow regulator actuator is integral part of the assembly
• Positive locking quick connect cable and plug for easy installation
• UL Rated
General Description

- The TITUS Model TAF-R and TAF-R-FR, are designed for application in access floor air distribution systems.
- All components are constructed of a high-impact polymer material, designed to resist damage from traffic.
- Complies to NPFA 90B structural requirement for floor diffusers.
- TAF-R diffuser material complies with UL-94-5V standard for flammability.
- TAF-R-FR (fire rated) are UL listed and to UL2043, is UL labeled, and complies with NFPA 90A.
- High induction helical air pattern creates ideal circulation without excess inlet pressure requirements.
- Removable flow regulator is manually operated without removing the core.
- Optional actuated flow regulator automatically adjusts the airflow based on setpoint and zone temperature (thermostat required).
- External Open/Close indicator coupled with the internal Open/Close stop allow visual determination of damper position.
- Architecturally appealing face design is available in standard light gray or black color. Open/Close indicator is raised from diffuser trim ring and core to be visually appealing. Optional colors may be specified to match any building interior's scheme.
- The trim ring's extra wide flange is designed to prevent carpet from pulling away from the diffuser.
- The spring clip attached to the trim ring is designed for rapid and secure press fit installation in raised floor panels.
- With the diffuser installed in the floor panel, relocation to another zone is simply done through relocating the floor panel.
- Dirt/dust collection receptacle can be easily removed for cleaning.
- Diffuser can be installed after flooring and carpet installation are complete.
- The minimum order quantity for custom colors is 500 units. Quantities less than 500 will be handled on a quotation basis from Titus.
- All custom colors are subject to the setup charge. The Leadtime on special colors is dependent on the matching process and may vary. A sample of the color to be matched must accompany the order on orders with special colors. When ordering a special color, we recommend ordering an additional 5% more units for replacement.