

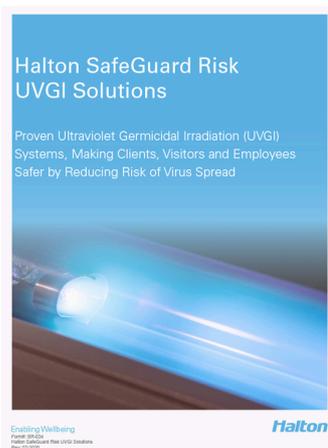
UVGI-RG – UVGI Return Air Grill



Overview

Features and Benefits

- Works with existing RTU/MUA systems
- More cost effective than RTU retrofit
- Replaces Return Air Grills
- 120/1 15 amp circuit required
- UVGI (Ultraviolet Germicidal Irradiation)
- Up to 99% inactivation of airborne pathogens
- Control module
- Low pressure loss will not impact RTU performance
- No re-balance of site is required in the majority of installations



Specification

Provide a Halton Primary UVGI-RA Return Air Grill Ultraviolet Germicidal Irradiation unit with pressure transducer (Secondary units without pressure transducer may be required based on system size). The unit exterior shall be constructed of aluminized steel with a powder coat baked enamel finished intake plate. The intake plate shall be hinged for service.

The unit shall be equipped with 2 UVGI tubes rated at 13,000 hours and 254nm. UV-C bulbs outside of the 254nm range or producing ozone are expressly prohibited. Each UVGI bulbs shall have an output of 75 microwatts per square centimeter.

The unit shall come equipped with safety interlocks to limit accidental exposure to UV-C lights. The maximum airflow for the UVGI-RA Return Grill is 1500 CFM. Interconnecting cables to daisy chain with other UVGI-RA return air grills provided.

The system requires a master control panel connected via data cabling to each UVGI-RA unit. The unit(s) requires 120/1 outlet, 15 amp circuit. The unit will not interfere with the HVAC system unit operation. The unit shall be built to UL Standards.

Dimensions

