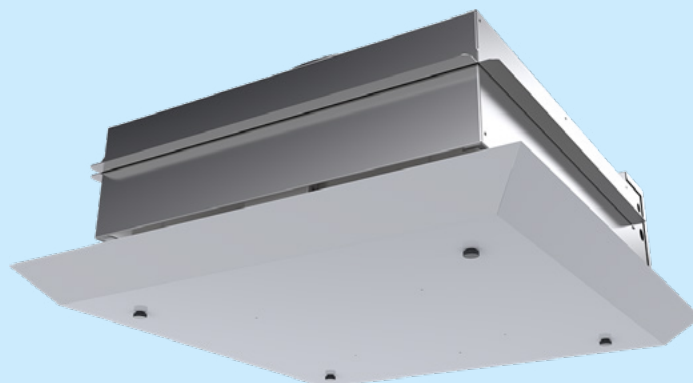


UVGI-RG UVGI Return Air Grill

UVGI-RGP - Primary Return Grill

UVGI-RGS - Secondary Return Grill



Form#: SS195_UVGI-RG-Return Air Grill
Date: 07-2020 - Rev1

Features & 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 99.99% Inactivation of airborne viruses and bacteria, influenza and various Salmonella species
- Control module
- Low pressure loss will not impact RTU performance
- Designed to match airflow for return grill it replaces

Application

The UVGI Return Air Grill is a 24" by 24" ceiling return grill to replace Standard Return Grills.

Specification

Provide a Halton UVGI-RA Return Air Grill Ultraviolet Germicidal Irradiation unit. 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.

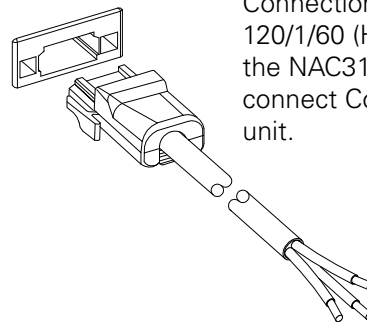
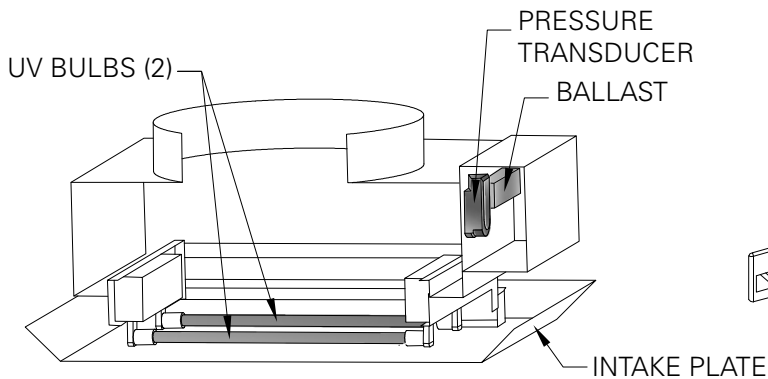
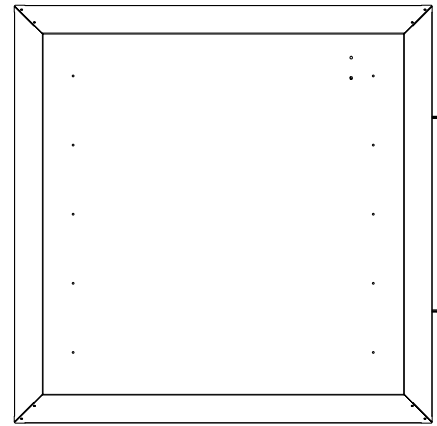
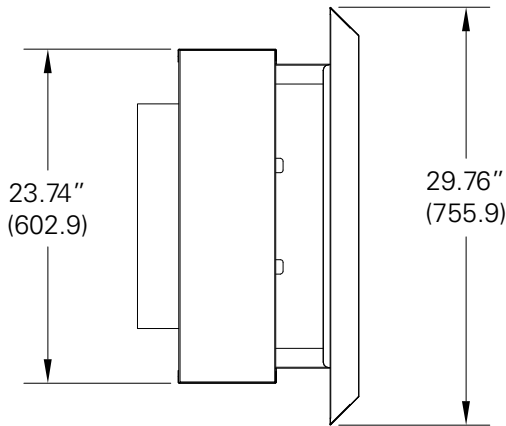
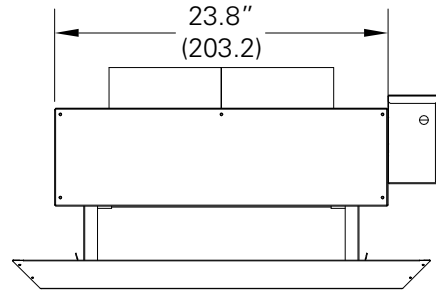
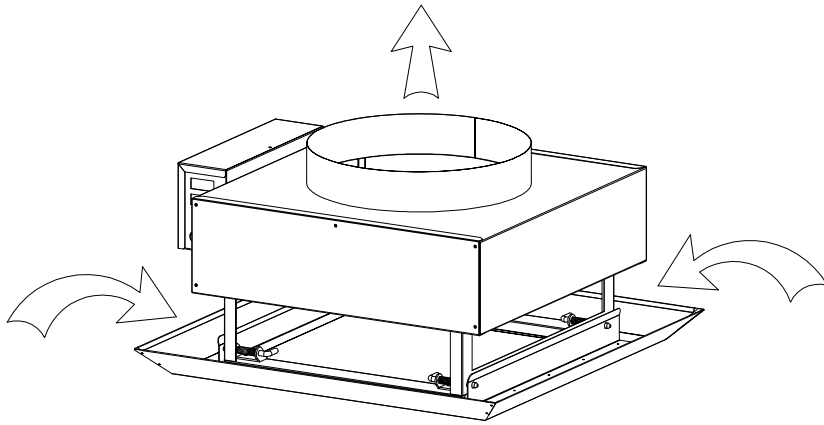
The unit shall be equipped with 2 UVGI tubes rated at 13,000 hours and 254nm. UV-C bulbs outside of the 254nm range or producing ozone are expressly prohibited. Each UVGI bulbs shall have an output of 75 microwatts per square centimeter.

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.

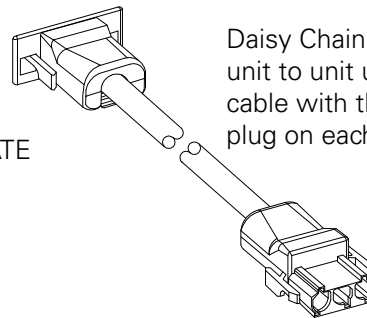
The system requires a master control panel connected via data cabling to each UVGI-RA unit. The unit(s) requires 120/1 outlet, 15 amp circuit. The unit will not interfere with the HVAC system unit operation. The unit shall be UL listed.

Dimensional Data

Weight: 40 lbs (18 kg)



Connection from Control Panel:
120/1/60 (Hot-N-G). Halton supplies
the NAC31S.W plug for installer to
connect Control Panel to the primary
unit.



Daisy Chain Connection from
unit to unit using a 3 wire
cable with the NAC31S.W
plug on each end.

The company has a policy of continuous product development, therefore we reserve the right to modify design and specifications without notice.

For more information, please contact your nearest Halton agency. To find it: www.halton.com