The system is designed to fit most air handlers and furnaces from 1½ to 5 tons.

1. The 5" PLEATED MERV11 Filter traps mold, dust, pet dander, dust mites and a host of other allergens.
2. Two PHILIPS ULTRAVIOLET GERMICIDAL STERILAMPS®, powered by the ADVANCE BALLAST, destroy viruses and bacteria.
3. The PCO (photocatalytic oxidation) TiO2 SAINT GOBAIN QUARTZEL® FELT removes volatile organic compounds, including tobacco smoke, pet smells, chemicals fumes and most common household odors.

Clean, fresh air is then passed into the air handler or furnace unit and distributed throughout the house with absolute silence and safety.
**TECHNICAL SPECIFICATIONS**

**THREE-STAGE IAQ-1 SYSTEM**

**IDEAL FOR NEW INSTALLATIONS AND CHANGE OUTS**

- Installs easily with most air handler and furnace units
- Mounts vertically or horizontally
- Only 10” in height
- Easy to service
- Dual Safety Limit Switches
- Viewport for safe lamp inspection
- 120V through 250V operation
- Replacement bulbs and filters available through your distributor
- PCO felt traps UV energy protecting wires and non-metals within the HVAC equipment
- Change 5” filter biannually, lamps annually and PCO felt every 2 years
- UL Classified Air Duct Mounted Accessory

**IAQ-1 AIR HANDLER UNIT**

**IAQ-1-F FURNACE UNIT**

**THE SYSTEM IS DESIGNED TO FIT MOST AIR HANDLERS AND FURNACES FROM 1½ TO 5 TONS.**

1. The **5” PLEATED MERV11 FILTER** traps mold, dust, pet dander, dust mites and a host of other allergens.
2. Two **PHILIPS ULTRAVIOLET GERMICIDAL STERILAMPS®, powered by the ADVANCE BALLAST**, destroy viruses and bacteria.
3. The **PCO (photocatalytic oxidation) TiO2 SAINT GOBAIN QUARTZEL® FELT** removes volatile organic compounds, including tobacco smoke, pet smells, chemicals fumes and most common household odors.

Clean, fresh air is then passed into the air handler or furnace unit and distributed throughout the house with absolute silence and safety.

Because of continuing improvements, actual product may differ slightly from photo.

Destroys Viruses and Bacteria

Removes Odors and Neutralizes VOCs

Removes Dust, Mold & Allergens

Removes Odors and Neutralizes VOCs

Removes Dust, Mold & Allergens

PCO TiO2 Quartzel® Felt

UVGI Dual-Bulb Lamp

5” Pleated Filter

LUMALIER

3-STAGE IAQ-1 SYSTEM

combines three proven technologies in one compact, easy-to-install unit. As contaminated air passes through the system:

1. The **5” PLEATED MERV11 FILTER** traps mold, dust, pet dander, dust mites and a host of other allergens.
2. Two **PHILIPS ULTRAVIOLET GERMICIDAL STERILAMPS®, powered by the ADVANCE BALLAST**, destroy viruses and bacteria.
3. The **PCO (photocatalytic oxidation) TiO2 SAINT GOBAIN QUARTZEL® FELT** removes volatile organic compounds, including tobacco smoke, pet smells, chemicals fumes and most common household odors.

Clean, fresh air is then passed into the air handler or furnace unit and distributed throughout the house with absolute silence and safety.

Because of continuing improvements, actual product may differ slightly from photo.
THREE-STAGE
IAQ-1 INDOOR AIR
QUALITY SYSTEM