

PRODUCT DESCRIPTION

CASING

- All LMHS-LC unit casing panels are constructed of 22 gauge galvanized steel with a 20 gauge option.

INLET COLLARS

- All round 20 gauge inlet collars accommodate standard spiral and flex duct sizes.
- Left or right hand is determined by looking in the direction of airflow with the unit in the installed position.

OUTLET CONNECTION

- All standard outlet connections are rectangular and require a slip and drive duct connection.

DAMPER ASSEMBLY

- Unit sizes 4 - 14 utilize a round control damper. All damper assemblies utilize a solid 1/2" shaft that rotates in self lubricating Delrin® bearings.
- Damper blade incorporates a flexible gasket for tight airflow shutoff and operates over a full 90° rotation.
- The damper position is marked by an arrow embossment on the end of the damper shaft.

CASING LINERS

All liners are attached to the unit casing with both adhesive and weld pins to ensure long term durability (excludes Sterilwall and Perforated Doublewall). The standard liner option is 1/2" thick, 1 1/2 lb. dual density fiberglass insulation that meets UL 181 and NFPA 90A.

- **(Optional)** 1" Thick Insulation: 1" thick, 1 1/2 lb. dual density fiberglass insulation that meets UL 181 and NFPA 90A.
- **(Optional)** Cellular Insulation: 1/2" or 1" thick, 1 1/2 lb. density, smooth surface, polyolefin, closed-cell foam insulation for fiber free application. Cellular insulation meets UL 181 and NFPA 90A and does not support mold or bacteria growth.
- **(Optional)** Steriliner Insulation: 13/16" thick, 4 lb. density, rigid board insulation with nylon reinforced foil covering insulation fibers that meets UL 181 and NFPA 90A. Liner shall be attached to unit

casing by adhesive and weld pins with full-seam-length Z-strips to enclose and seal the insulation cut edges.

- **(Optional)** Sterilwall Insulation: 1/2" or 1" thick, 1 1/2 lb. dual density fiberglass insulation that meets UL 181 and NFPA 90A, enclosed between the unit casing and a non-perforated internal sheet metal cover extending over the fiberglass insulation, as well as covering the liner cut edges.
- **(Optional)** Perforated Doublewall Insulation: 1/2" or 1", 1 1/2 lb. dual density fiberglass insulation that meets UL 181 and NFPA 90A, enclosed between the unit casing and a perforated internal sheet metal cover extending over the fiberglass insulation and covering the liner cut edges.
- **(Optional)** No Liner: No internal insulation liner.
- See Krueger's selection program for acoustical impact of different liners.

AIRFLOW SENSOR

- All units are equipped with a factory installed airflow measuring sensor.
- The standard sensor is a K4 LineaCross four quadrant, multipoint center averaging sensor.
- **(Optional)** Linear, multi-point, velocity averaging sensor with an amplified signal is also available.
- Balancing taps are provided to allow for easy airflow verification.
- Both the linear and K4 LineaCross sensors use the same flow constant.

CONTROLS

- Pneumatic, analog or direct digital control types are available. Digital controls can be provided by others or Krueger for factory mounting. A "no control" unit is also available for field mounting of direct digital controls where a sheet metal enclosure will be provided by Krueger.

ACCESS PANEL

- **(Optional)** Gasketed access panel in the terminal unit casing is available for viewing damper components and for upstream cleaning of the hot water coil fins.

OVERSIZED HOT WATER REHEAT COIL

- Hot water coils are constructed of ten aluminum fins per inch with sweat type, left or right hand, tubing connections. The 1/2" diameter coil tubing is water leakage tested to 400 PSIG and has a wall thickness of 0.016".
- **(Optional)** Twelve fins per inch for higher capacity.
- **(Optional)** Vent and drain on coil headers.

CONTROL TRANSFORMERS

- Optional factory supplied and wired control transformer mounted inside the control enclosure.

LABELS

- Label information is adhered to each unit and includes model name, unit size, configuration code, airflow (CFM), balancing chart and tagging data.

PACKAGING

- LMHS-LC base units with and without hot water coils are individually packaged in a carton and stacked on a pallet. Attenuated units are stacked directly on the pallet. All pallets are banded and stretch wrapped with cellophane.