

RVE Suggested Specification & Configuration

RVE UNIT

Furnish and install Krueger model RVE retrofit terminal units of the sizes shown in the plans.

Terminals shall be tested in accordance with the latest AHRI Standard 880.

Unit casing shall be constructed of not less than 22 gage galvanized steel. Inlet and outlet collars shall accommodate standard spiral or flex duct sizes.

- **(Optional)** 20 Gage Galvanized Steel Unit Construction: Unit casing shall be constructed of not less than 20 gage galvanized steel. Inlet and outlet collars shall accommodate standard spiral or flex duct sizes.
- **(Optional)** 304 Stainless Steel Unit Construction: Unit casing and linear type inlet sensor shall be constructed of 22 gage 304 stainless steel and shall use a stainless steel linear airflow sensor. Inlet and outlet collars shall accommodate standard spiral or flex duct sizes.
- **(Optional)** 316 Stainless Steel Unit Construction: Unit casing and linear type inlet sensor shall be constructed of 22 gage 316 stainless steel and shall use a stainless steel linear airflow sensor. Inlet and outlet collars shall accommodate standard spiral or flex duct sizes.

Label information shall be adhered to each unit to indicate model size airflow (CFM), balancing chart, and tagging data.

The control air damper assembly shall be constructed of heavy gage galvanized steel with solid shaft rotating in Delrin® bearings. Damper shaft shall be marked on the end to indicate damper position. Damper blade shall incorporate a flexible gasket for tight airflow shutoff and operate over a full 90° rotation.

The RVE unit shall be equipped with a factory installed airflow sensing device. Provide a K4 LineaCross, four quadrant, multi-point, center averaging sensor with an amplified signal.

- **(Optional)** Provide a linear multi-point velocity averaging sensor with an amplified signal.

Provide balancing taps to allow for easy airflow verification and a chart indicating airflow vs. pressure differential to allow for field calibration.

- 1. SERIES: (XXX)**
RVE - Retrofit Terminal Unit

- 2. SENSOR TYPE: (X)**
1 - Linear Averaging
3 - K4 LineaCross (Four Quadrant, Standard)

- 3. UNIT CASING CONTROLS: (XX)**
0L - Left-hand Side, 22 Gage
2L - Left-hand Side, 20 Gage
4L - Left-hand Side, 304 Stainless Steel
6L - Left-hand Side, 316 Stainless Steel
0R - Right-hand Side, 22 Gage
2R - Right-hand Side, 20 Gage
4R - Right-hand Side, 304 Stainless Steel
6R - Right-hand Side, 316 Stainless Steel

- 4. INLET CODE: (XX)**
04 - 4"
05 - 5"
06 - 6"
07 - 7"
08 - 8"
09 - 9"
10 - 10"
12 - 12"
14 - 14"
16 - 16"

- 5. CONTROL TYPE: (XXXX)**
(2XXX) - Analog
(7XXX) - Digital, BACnet Compatible
(6XXX) - Digital, Standalone
(XXXX) - Factory Mounted, Provided by Others
(1XXX) - Pneumatic

- 6. UNIT ACCESSORIES: (X) (X)**
0 - None
D - Disconnect for Controls
G - 24-24 VAC Transformer
H - 120-24 VAC Transformer
J - 208-24 VAC Transformer
K - 240-24 VAC Transformer
L - 277-24 VAC Transformer

RETROFIT/BYPASS TERMINAL UNITS

SAMPLE CONFIGURATION: RVE - 3 - 2L - 06 - 6101 - D - 0