

LMHS Control Information

The following list of standard control arrangements are available with the LMHS product offering. Each control approach offers a variety of pressure independent, pressure dependent or manual operating functions. Control functions are identified by the Krueger control package number.

PNEUMATIC CONTROL ARRANGEMENTS

All control packages are pressure independent, unless otherwise noted, and are available with or without hot water and electric heat, dual maximum airflow, heating and cooling maximum airflow and dual minimum airflow. All control arrangements include a standard linear inlet airflow sensor.

- 1100 - Actuator Only; DA-NC Pressure Dependent Control
- 1101 - Actuator Only; RA-NO Pressure Dependent Control
- 1102 - Single Function Controller;
DA-NO With or Without Hot Water or Electric Heat
- 1103 - Single Function Controller;
RA-NC With or Without Hot Water or Electric Heat
- 1104 - Multi-function Controller;
DA-NO With or Without Hot Water or Electric Heat
- 1105 - Multi-function Controller;
DA-NC With or Without Hot Water or Electric Heat
- 1106 - Multi-function Controller;
RA-NO With or Without Hot Water or Electric Heat
- 1107 - Multi-function Controller;
RA-NC With or Without Hot Water or Electric Heat
- 1108 - Dual Maximum Control;
DA-NO With or Without Hot Water or Electric Heat
- 1109 - Heating/Cooling Maximum Control;
DA-NO With or Without Hot Water or Electric Heat
- 1110 - Dual Minimum Control;
DA-NO With or Without Hot Water or Electric Heat

Pneumatic Control Legend:

- DA - Direct Acting Thermostat
- RA - Reverse Acting Thermostat
- NO - Normally Open Damper Position
- NC - Normally Closed Damper Position
- Single Function Controller - Provides Single Function,
DA-NO or RA-NC
- Multi-function Controller - Capable of Providing DA-NO,
DA-NC, RA-NC or RA-NO
Functions

ANALOG CONTROL ARRANGEMENTS

Pressure independent control packages are available without supplemental heat, with ON/OFF hot water, electric heat, proportional hot water heat or with cooling/heating automatic changeover control. All analog control arrangements include a standard linear inlet airflow sensor, control enclosure and wall thermostat to match the control type. An optional 24 volt transformer is available that will be mounted and wired inside the control enclosure.

- 2100 - Heating Control
- 2101 - Cooling Control
- 2102 - Cooling with ON/OFF Electric Heat Control
- 2103 - Cooling with ON/OFF Hot Water Heat Control
- 2104 - Cooling/heating Automatic Changeover Control
- 2105 - Cooling with Proportional Hot Water Heat Control
- 2110 - Cooling with Proportional LineaHeat Electric Heat Control
- 2111 - Cooling/heating Automatic Changeover with Up to Three Stages of Electric Heat Control
- 2113 - Cooling/heating Automatic Changeover with Proportional LineaHeat Electric Heat Control

DIRECT DIGITAL CONTROL ARRANGEMENTS

Control packages are supplied for factory mounting, piping and wiring. All DDC control arrangements include an inlet airflow sensor and control enclosure and are available with an optional 24 volt transformer mounted and wired inside the control enclosure.

Contact your Krueger representative for a complete list of factory mounted direct digital control arrangements.

MANUAL CONTROL

Manual control package consists of a manual handle fixed to the unit damper shaft.

- 4100 - Manual Damper Control