

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

MANUAL CONTROL

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

- 4100 - Manual Damper Control

CONTROL INFORMATION

DIRECT DIGITAL CONTROL ARRANGEMENTS

Smart Equipment control packages are provided and programmed by the factory for in-house mounting, piping, and wiring.

- BACnet Compatible: 7101-7109
- Standalone: 6101-6109

Standard Features

- Single Duct, Series Fan, and Parallel Fan Terminal Units
- Occupied, Unoccupied, and Standby modes
- Plug and Play connection with the Smart Equipment system
- BACnet compatible for ease of communication with building automation systems
- Standalone option available for non-communicating systems
- Factory programming tailored to customer specified airflow values and control sequence
- Control sequences for warm supply air are available

Optional Features

- LCD Display Thermostat
- Warmer/Cooler Interface Thermostat
- No Display Thermostat
- Supply or Discharge Air Temperature Sensors
- Night Setback Mode
- Mobile Access Portal with RJ12 connections for easy settings adjustments
- Balancing tool with RJ12 connection for ease of balancing either at controller or thermostat

Other Digital Control packages can be supplied to the factory for 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 direct digital control arrangements.

SMART EQUIPMENT CONTROLLER DETAIL

