

LMHD, LMHDT Control Information

The following standard control arrangements are available with the dual duct product offering. All control arrangements are pressure independent. Control functions are identified by the Krueger control package number.

PNEUMATIC CONTROL ARRANGEMENTS

All control packages are pressure independent and include standard linear airflow sensors in both the hot and cold inlets for variable air volume control or an airflow sensor in one inlet and the unit discharge for constant volume control arrangements.

Variable Air Volume Control - Models LMHD/LMHDT

(Inlet Airflow Sensing)

- 1500 - Multi-function Controller, DA-NC Cold Inlet, NC Hot Inlet
- 1501 - Multi-function Controller, DA-NC Cold Inlet, NO Hot Inlet
- 1502 - Multi-function Controller, DA-NO Cold Inlet, NO Hot Inlet
- 1503 - Multi-function Controller, DA-NO Cold Inlet, NC Hot Inlet
- 1504 - Multi-function Controller, RA-NC Cold Inlet, NC Hot Inlet
- 1505 - Multi-function Controller, RA-NC Cold Inlet, NO Hot Inlet
- 1506 - Multi-function Controller, RA-NO Cold Inlet, NO Hot Inlet
- 1507 - Multi-function Controller, RA-NO Cold Inlet, NC Hot Inlet

Constant Volume Control - Model LMHDT

(Hot Inlet/discharge Airflow Sensing)

- 1508 - Multi-function Controller, DA-NC Cold Inlet, NC Hot Inlet
- 1509 - Multi-function Controller, DA-NC Cold Inlet, NO Hot Inlet
- 1510 - Multi-function Controller, DA-NO Cold Inlet, NO Hot Inlet
- 1511 - Multi-function Controller, DA-NO Cold Inlet, NC Hot Inlet
- 1512 - Multi-function Controller, RA-NC Cold Inlet, NC Hot Inlet
- 1513 - Multi-function Controller, RA-NC Cold Inlet, NO Hot Inlet
- 1514 - Multi-function Controller, RA-NO Cold Inlet, NO Hot Inlet
- 1515 - Multi-function Controller, RA-NO Cold Inlet, NC Hot Inlet

(Cold Inlet/discharge Airflow Sensing)

- 1516 - Multi-function Controller, DA-NC Cold Inlet, NC Hot Inlet
- 1517 - Multi-function Controller, DA-NC Cold Inlet, NO Hot Inlet
- 1518 - Multi-function Controller, DA-NO Cold Inlet, NO Hot Inlet
- 1519 - Multi-function Controller, DA-NO Cold Inlet, NC Hot Inlet
- 1520 - Multi-function Controller, RA-NC Cold Inlet, NC Hot Inlet
- 1521 - Multi-function Controller, RA-NC Cold Inlet, NO Hot Inlet
- 1522 - Multi-function Controller, RA-NO Cold Inlet, NO Hot Inlet
- 1523 - Multi-function Controller, RA-NO Cold Inlet, NC Hot Inlet

Pneumatic Control Legend:

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

ANALOG CONTROL ARRANGEMENTS

Analog control packages are pressure independent. Variable air volume controls include an airflow sensor in both the hot and cold inlets. Constant air volume controls include an airflow sensor in either the hot or cold inlet and the unit discharge. Analog controls include control enclosures and a wall thermostat to match the control type. An optional 24 volt transformer is available.

Variable Air Volume Control - Models LMHD/LMHDT

(Inlet Airflow Sensing)

- 2400 - Heating and Cooling Control

Constant Air Volume Control - Models LMHDT

(Hot Inlet Airflow Sensing)

- 2440 - DA Analog Heating and Cooling Control

(Cold Inlet Airflow Sensing)

- 2470 - DA Analog Heating and Cooling Control

DIRECT DIGITAL CONTROL ARRANGEMENTS

Control packages are field supplied for factory mounting, piping and wiring. All control arrangements include airflow sensors in both the hot and cold inlets for variable volume control, hot inlet and discharge or cold inlet and discharge for constant volume control. Control enclosures and are available with an optional 24 volt transformer mounted and wired inside one of the control enclosures.

Variable Air Volume Control - Models LMHD/LMHDT

(Inlet Airflow Sensing)

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