

Systems Integration

AAON BACnet Solution: MUA II Unit Controller

Table 1. MUA II Unit Controller Point Map.

Point	Type	Description	Range/Units ^{a b c}
R1	LAI	Supply Air Setpoint Mirror	°F
R2	LAI	Outdoor Air Temperature	°F
R3	LAI	Outdoor Air Cooling Setpoint	°F
R4	LAI	Outdoor Air Heating Setpoint	°F
R5	LAI	Outdoor Air Dew Point	°F
R6	LAI	Outdoor Air Dew Point Setpoint	°F
R7	LAI	Outdoor Air Humidity	% rh
R8	LAI	Outdoor Air Enthalpy	Btu/lb
R9	LAI	Outdoor Air Enthalpy Setpoint	Btu/lb
R10	LAI	Outdoor Air Enthalpy Deadband	Btu/lb
R11	LAI	Space Humidity	% rh
R12	LAI	External Heat Position	%
R13	LAI	Space Temperature	°F
R14	LAI	Modulate Gas Valve Position	%
R15	LAI	Reheat Value Position	%
R16	LAI	Supply Air Temperature	°F
R17	LAO	Cooling Deadband	°F
R18	LAO	Heating Deadband	°F
R19	LAO	Dew Point Setpoint	°F
R20	LAO	Enthalpy Deadband	Btu/lb
R21	LAO	Supply Air Reset Limit	°F
R22	LAO	Space Temperature at Maximum Supply	°F
R23	LAO	Space Temperature at Minimum Supply	°F
R24	LAO	Dew Point Reset Limit	°F
R25	LAO	Space Humidity at Maximum Supply	% rh
R26	LAO	Space Humidity at Minimum Supply	% rh
R27	LAO	External Heat Proportion Band	—

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Table 1. MUA II Unit Controller Point Map. (continued)

Point	Type	Description	Range/Units^{a b c}
R28	LAO	Supply Air Setpoint	°F
R29	LAO	Schedule Force	See Table 2
R30	LDI	Space Humidity Sensor is Installed	Off/On
R31	LDI	Space Temperature Sensor is Installed	Off/On
R32	LDI	Mirrors External Heat Configuration	Off/On
R33	LDI	Mirrors Reheat Relay Configuration	Off/On
R34	LDI	Flag that MODGAS II is Connected	Off/On
R35	LDI	Flag that REHEAT II is Connected	Off/On
R38	LDI	Current Mode Bit 1	Off/On (See Table 3)
R39	LDI	Current Mode Bit 2	Off/On (See Table 3)
R40	LDI	Current Mode Bit 3	Off/On (See Table 3)
R41	LDI	Demand for Cooling	Off/On
R42	LDI	Demand for Heating	Off/On
R43	LDI	Demand for Dehumidification	Off/On
R44	LDI	Fan in Startup Delay	Off/On
R45	LDI	Proof of Flow Status	Off/On
R70	LDI	Bad Supply Air Temperature Sensor	Off/On
R71	LDI	No Outdoor Air Temperature Available	Off/On
R72	LDI	Missing Humidity Sensor	Off/On
R73	LDI	Fan Proving Alarm	Off/On
R74	LDI	Low Supply Air Temperature	Off/On
R75	LDI	High Supply Air Temperature	Off/On

^a Values noted for LDIs and LDOs are in the following format: OFF text/ON text.

^b This column indicates the value/range or engineering units or both if known.

^c The default English value is not italicized. An italicized entry indicates an SI value.

Table 2. Schedule Force/Occupancy Schedule (Point R29).

Value	Description
0	Normal Operation
1	Force Occupied
2	Force Unoccupied

Table 3. Current Mode for MUA II Unit (Points R38 through R40).

Current Mode Bits 1,2,3 States	Description
OFF,OFF,OFF	Unoccupied
ON,OFF,OFF	Remote Contact Occupied
OFF,ON,OFF	Normal Schedule Occupied
ON,ON,OFF	Holiday Mode Active
OFF,OFF,ON	Schedule Force Occupied
ON,OFF,ON	Schedule Force Unoccupied
OFF,ON,ON	Current Output Force Modes
ON,ON,ON	Push Button Override

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