NOVAR CONTROLS

# UNITARY CONTROLLER MATRIX

| MODEL | ETM-1010 | ETM-1020 | ETM-1030 | ETM-1030R | ETM-2010 | ETM-2020 | ETM-2020R | ETM-2024 | ETM-2040 | ETM-3010 | TBC-1010 | TBC-2010 | VAV-4020 | UVC-1 | UVC-3 | UVC-5 | UVC-10 | UVC-11 | UVC-13 | ETC-1 | ETC-2 | ETC-3 | ETC-6 | HAWK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRIAC OUTPUTS | X | | X | | X | X | | X | X | X | X | X | X | | | | | | | | | | | |
| RELAY OUTPUTS | | X | | X | | | X | | | | | | | X | X | X | X | X | X | X | X | X | X | X |
| 0-10 VDC ANALOG OUTPUTS | | | | | | | | | | | | | | X | X | X | X | X | X | X | X | X | X | X |
| HEAT STAGE 1 (DIGITAL) | X | X | X | X | X | X | | X | X | X | X | X | X | | | X | | | | X | X | X | X | X |
| HEAT STAGE 2 (DIGITAL) | | X | X | X | X | X | | X | X | X | X | X | X | | | | | | | X | X | X | X | |
| HEAT STAGE 3 / DAMPER (DIGITAL) | | | | | | | | | X | | | | | | | | | | | X | X | X | | |
| HEAT 0-10 VDC (ANALOG) | | | | | | | | | | | | | | X | X | | | | X | | | | | X |
| HEAT (PWM) | | | | | | | | | | | | X | X | | | | | | | | | | | |
| H/C VALVE 0-10 VDC (ANALOG) | | | | | | | | | | | | | | | | | X | X | | | | | | |
| COOL STAGE 1 (DIGITAL) | X | X | X | X | X | X | | X | X | X | | | | X | | X | | | | X | X | X | X | X |
| COOL STAGE 2 (DIGITAL) | | X | X | X | X | X | | X | X | X | | | | | | | | | X | X | X | X | | |
| COOL 0-10 VDC (ANALOG) | | | | | | | | | | | | | | X | X | | | | X | | | | | X |
| COOL (PWM) | | | | | | | | | | | | X | X | | | | | | | | | | | |
| DAMPER 0-10 VDC (ANALOG) | | | | | | | | | | | | | | X | X | | | | X | | X | | | X |
| DAMPER (DRY BULB) (DIGITAL) | | X | | X | | | | | | | | | | | | | X | | | | X | | | |
| DAMPER (ENTHALPY or DRY BULB) | | | | | | | | | X | | | | | | | | | | | | | | | X |
| DAMPER (NIGHT MODE) | | | | | | | | | | | | | | | | | | | | | | | | |
| RELIEF DAMPER (DIGITAL) | | | | | | | | | | | | | | | | | | | | | | | | |
| SUPPLY FAN S/S | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| SUPPLY FAN DIGITAL STATUS | X | X | X | X | X | X | X | X | X | X | X | X | | X | X | X | X | X | X | X | X | X | X | X |
| SUPPLY AIR VELOCITY SENSOR | X | | | | | | | | | | | | X | | | | | | | | | | | |
| SUPPLY FAN SPEED OUTPUT | X | | | | | | | | | | | | | | | | | | | | | | | |
| SUPPLY AIR CALCULATED CFM | X | | | | | | | | | | | | X | | | | | | | | | | | |
| SUPPLY AIR DUCT STATIC PRESS. | X | | | | | | | | | | | | | | | | | | | | | | | |
| RETURN FAN S/S | X | | | | | | | | | | | | | | | | | | | | | | | |
| RETURN FAN DIGITAL STATUS | X | | | | | | | | | | | | | | | | | | | | | | | |
| RETURN AIR VELOCITY SENSOR | X | | | | | | | | | | | | | | | | | | | | | | | |
| RETURN FAN SPEED OUTPUT | X | | | | | | | | | | | | | | | | | | | | | | | |
| RETURN AIR CALCULATED CFM | X | | | | | | | | | | | | | | | | | | | | | | | |
| BLDG OR MA PLENUM PRESSURE | X | | | | | | | | | | | | | | | | | | | | | | | |
| SUPPLY AIR TEMP SENSOR | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| RETURN AIR TEMP SENSOR | X | | | | | | | | | | | | | | | | | | | | | | | |
| MIXED AIR TEMP SENSOR | X | | | | | | | | | | | | | | | | | | | | | | | |
| ZONE SENSOR (CONTROLLER MTD) | | | | X | X | | | | X | | X | | | | | | | | | | | | | |
| ZONE SENSOR-1 (REMOTE) | | X | X | X | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZONE SENSOR-2 (REMOTE) | | | | | | | | | | | | | | | | | | | | | | | | |
| ZONE SENSOR W/ OVERRIDE | | | | | | | | | | | | | | | | | | | | | | | | |
| ZONE SENSOR W/ OR + SP ADJ. | | X | X | X | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| OVERRIDE (CONTROLLER MTD) | | | | | | | | | | | | | | | | | | | | | | | | |
| OVERRIDE (REMOTE) | | X | X | X | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| DIRTY FILTER ALARM/STATUS | | | | | | | | | | | | | | | | | | | | | | | | |
| HEAT STAGE 1 STATUS | | | | | | | | | | | | | | | | | | | | | | | | |
| HEAT STAGE 2 STATUS | | | | | | | | | | | | | | | | | | | | | | | | |
| COOL STAGE 1 STATUS | | | | | | | | | | | | | | | | | | | | | | | | |
| COOL STAGE 2 STATUS | | | | | | | | | | | | | | | | | | | | | | | | |
| PIG-TAIL LEADS | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREW TERM. STRIP | | | | | | | | | | | | | | | | | | | | | | | | |
| INDOOR ENCLOSURE | | | | | | | | | | | | | | | | | | | | | | | | |
| OUTDOOR ENCLOSURE | | | | | | | | | | | | | | | | | | | | | | | | |
| WALLBOX MOUNT | | | | | | | | | | | | | | | | | | | | | | | | |
| REMOTE MOUNT | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 VAC POWERED | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 VDC POWERED | | | | | | | | | | | | | | | | | | | | | | | | |
| RTU COMPARTMENT RATED | | | | | | | | | | | | | | | | | | | | | | | | |
| CO2 SENSOR | | | | | | | | | | | | | | | | | | | | | | | | |
| OUTSIDE AIR TEMP SENSOR | | | | | | | | | | | | | | | | | | | | | | | | |
| SMOKE DETECTOR INPUT | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEZESTAT INPUT | | | | | | | | | | | | | | | | | | | | | | | | |
| SUPPLY AIR HUMIDITY INPUT | | | | | | | | | | | | | | | | | | | | | | | | |
| RETURN AIR HUMIDITY INPUT | | | | | | | | | | | | | | | | | | | | | | | | |
| HUMIDIFIER ANALOG OUTPUT | | | | | | | | | | | | | | | | | | | | | | | | |
| DEHUMIDIFICATION CYCLE | | | | | | | | | | | | | | | | | | | | | | | | |