## • SINGLE DUCT • ELECTRIC HEAT - STEP CONTROL • DIRECT DIGITAL CONTROLS BY AUTOMATED LOGIC

Control Package SD-D-AL03

• DIRECT DIGITAL CONTROLS BY AUTOMATED LOGIC DDC SUPPLIED TO FACTORY FOR INSTALLATION **ELECTRIC AIRFLOW** DAMPER ROTATION COIL SENSOR CW = OPEN CCW = CLOSE PRIMARY AIR STAGE #2 •-FLOW TAPS 24 VAC (GROUNDED) STAGE # 24 VAC (& HTR CONTACTOR COMMON) RED Ē **HEATER POWER SUPPLY** - VARIES FOR PROJECT REQUIREMENTS ALSO SEE HEATER DIAGRAM IN HEATER FLECTRICAL **ENCLOSURE** O HIGH @ LOW @ **AUTOMATED LOGIC** ZN141v+ / ZN341v+ **CONTROLLER-ACTUATOR** (SUPPLIED BY OTHERS -OUTPUT TO HEATER POWER MOUNTED BY ANEMOSTAT) CONTACTORS 24V AC (24VAC - 10VA PER CONTACTOR, NUMBER OF DO-2 STAGE AS REQUIRED PER SPECIFICATION) 9999 9 YELLOW **BROWN** RED PURPLE ORANGE **IMPORTANT!** 1. WIRING SHOWN ASSUMES CONTROLLER SWITCHES **FACTORY WIRING** THE 24VAC (GROUNDED) LEG AS OUTPUTS TO HEATER CONTACTORS FOR STAGED ELECTRIC HEAT. **FIELD WIRING FACTORY PIPING** 2. THE 24 VAC SOURCE IS LOCATED IN HEATER ENCLOSURE AND IS SIZED TO HANDLE HEATER CONSULT CONTROLS DOCUMENTATION FOR CONTACTOR LOAD + 15VA OVERHEAD FOR DETAILS AS INSTALLED HARDWARE WILL VARY CONTROLLER AND ACTUATOR. FROM THAT SHOWN HERE.

JOB NAME: SUBMITTED BY:

DATE:

DWG #: SD-D-AL03

REV: A

DATE: 3-23-2017