NOTES:

1. A 1 INCH MINIMUM WATER PIPE IS RECOMMENDED WITHIN 1 FOOT OF THE PROBE INLET VALVE. THE RETURN PIPE SHOULD BE 1/4" TO 1/2" LARGER THAN THE INLET PIPE.

2. UNIT HEIGHT VARIES PER FLANGE OPTIONS, +1", -4"

3. LIFTING WEIGHT: 150LBS. NOTE THAT THE EYELET IS NOT LOCATED DIRECTLY ABOVE CENTER OF GRAVITY.

4. HEATED SAMPLE LINE RECOMMENDED @ 140°F MINIMUM FOR MOST APPLICATIONS.

5. SAMPLE FLOW RECOMMENDED 1-4 L/M

6. CUSTOMER I.D. TAG IF SPECIFIED ON PO. ENGRAVED STAINLESS SCREWS OR RIVETS.

7. THE RTD EXTENDS INTO THE MAIN COLUMN AND MUST BE REMOVED PRIOR TO REMOVING THE DISC ASSEMBLY. RTD TO BE INSTALLED UTILIZING A BORED-THRU COMPRESSION FITTING FOR EASE OF REMOVAL AND PROPER SEAL.

8. AMBIENT TEMPERATURE OPERATING RANGE: +14°F (-10°C) TO +130°F (+55°C)

9. SERIAL/PORT NUMBER LABEL INSIDE ON DOOR.
NOTE:

THE RTD EXTENDS INTO THE MAIN COLUMN AND MUST BE REMOVED PRIOR TO REMOVING THE DISC ASSEMBLY.
RTD TO BE INSTALLED UTILIZING A BORED THRU COMPRESSION FITTING FOR EASE OF REMOVAL AND PROPER SEAL.
NOTES:
1. ALL TUBING TO BE 1/4" 316SS (UNLESS OTHERWISE NOTED)
2. ALL WETTED MATERIALS ARE STAINLESS STEEL
3. SAMPLE TEMPERATURE SETPOINT IN PLC IS 65°F UNLESS OTHERWISE STATED ON P.O.
4. LIQUID SUPPLY TEMPERATURE IS RECOMMENDED 20°F LESS THAN PLC SETPOINT, MINIMUM
   ENCLOSURE PURGE FITTING (<1 L/M)
   BORED OUT FITTING 4954-1095-SW

LEGEND:
- ENCLOSURE VENT
- LIQUID RETURN CONNECTION 1/2" TUBE
- GATE VALVE (SUPPLIED BY OTHERS)
- PROCESS PIPE
- SAMPLE OUTLET 1/2" PIPE
- SAMPLE OUTLET 1/4" TUBE OR 3/8" TUBE
- LIQUID SUPPLY CONNECTION 1/2" TUBE
- RTD SENSOR
- AIR INLET 1/4" TUBE 80 TO 115 PSI INSTRUMENT AIR

ITEM  |
QTY  |
DESCRIPTION |
ITEM QTY DESCRIPTION UAI PART NO. AV1 1 AIR ACTUATED VALVE 1/4" N.C. SPRING RETURN 4955-0109 AV2 1 AIR ACTUATED VALVE 1/2" N.C. SPRING RETURN 4955-1147 SV1,2 2 SOLENOID VALVE 3-WAY 24VDC EXP. PROOF 4955-026 CLR 1 CONTROLLER IDEC FC6A EP 1 1/4" TUBE W/ SNUBBER, 2µm 4954-0177 SV2 (2) SUPPLY COM (3) VENT S AIR INLET 1/4" TUBE 80 TO 115 PSI INSTRUMENT AIR SV1 (2) SUPPLY COM (3) VENT S AIR INLET 1/4" TUBE 80 TO 115 PSI INSTRUMENT AIR

B. WOLF
02/05/18
CHANGES PER REDLINES
RM
BW
5 02/05/18
CHANGES PER REDLINES
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02/05/18
CHANGES PER REDLINES
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NOTES:

1) ELECTRICAL CLASSIFICATION DESIGNED FOR CLASS 1, DIV 2, GROUPS A, B, C, D.
   ALL ELECTRICAL COMPONENTS ARE SELF-CERTIFIED FOR HAZARDOUS AREA USAGE BY THE
   RESPECTIVE VENDOR. THIS ASSEMBLY HAS NOT BEEN CERTIFIED.

2) WIRING SHALL BE IN ACCORDANCE WITH APPLICABLE NEC CODE.
   ELECTRICAL MATERIALS SHALL BE LABELED BY: UL, FM OR CSA (WIRE AND TERMINALS ONLY)
   THE FOLLOWING WIRE SIZES ARE EXCLUSIVE OF INTEGRATED COMPONENT WIRE SIZE:
   ALL WIRES: TFE 300V INSULATION, 18 AWG MINIMUM, STRANDED COPPER CONDUCTOR

3) COLOR CODING:
   AC
   DC
   SIGNAL & ALARM
   NC
   NO
   GROUND - GREEN
   ALL - YELLOW

4) POWER SUPPLY AND RELAYS SHALL BE LOCATED ON TB DIN RAIL

5) ENCLOSURE DOOR SHALL BE GROUNDED TO BACK PANEL

6) TB1 & TB2 SHALL BE SEGREGATED.

   TO POWER WITH +24VDC, DISCONNECT PS1 AND WIRE DIRECTLY TO TB2-1 (+24V) AND TB2-8 (0V)
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   FIELD TO WIRE