NOTES:

1. EACH VORTEX COOLER REQUIRES 35-40 SCFM @ 80-100 PSIG.
   DEWPOINT ≤ -40°F RECOMMENDED. TYPICAL CYCLE IS 20% ON.
   RECOMMEND TWO SEPARATE AIR SUPPLIES TO REDUCE THE CHANCE
   OF PRESSURE DROP BELOW RECOMMENDED LEVEL.

2. UNIT HEIGHT VARIATES 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
   SECURED WITH 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. SERIAL/ PART NUMBER LABEL INSIDE ON DOOR.
NOTES:

1. 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.
1. ALL TUBING TO BE 1/4" 316SS (UNLESS OTHERWISE NOTED)
2. ALL WETTED MATERIALS ARE STAINLESS STEEL
   - SET VORTEX TUBE 3.5 TURNS FROM BOTTOM.
   - BORED OUT FITTING 4954-1095-SW.
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.
ALL 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

N1L1 - BLACK
N1L2 - WHITE
GROUND - GREEN

4) ENCLOSURE DOOR SHALL BE GROUNDED TO BACK PANEL

5) LABEL ALL CONNECTIONS WITH GRAVOLPY

INSTALL DIODE 1009-0009 FOR ALL SOLENOIDS

FIELD TO WIRE