



NOTES: 1) ALL VALVES ARE GATE TYPE  
 2) THERMOWELL INSERTION IS TO MIDDLE OF FIXED VOLUME CYLINDER

TAG# VP-SO-22

MAX DESIGN PRESSURE: 500 PSIG  
 MAX DESIGN TEMP: 730°F  
 WETTED PARTS: 316/316LSS / GRAPHOIL  
 HYDROTEST PRESSURE: 750 PSIG

*Requested Range is 120-140°F. Make sure thermostat can be adjusted to 140°F as requested.*

*1" TUBE*

400 WATT HEATER WITH 52°C (125°F) THERMOSTAT

120 VAC SUPPLY

1" X 3/4"

OUTLET VALVE

SAMPLE OUT 1" TUBE CONN

3/4"

DRAIN VALVE 3/4" FNPT (PLUGGED)

SAMPLE CAN 2-3" in height

150-750°F TI TW

675 CC FIXED VOLUME CYLINDER

DOOR HANDLE

INSULATED ENCLOSURE WITH ELECTRIC HEATER

3/4" FNPT FOR FUTURE EDUCATOR

*sample can*

*previous proposal was showing HV sample valve*

THIS DRAWING IS THE EXCLUSIVE PROPERTY OF SOR. NO USE WHATSOEVER OF THE INFORMATION CONTAINED HEREON, NOR REPRODUCTION IN WHOLE OR PART MAY BE MADE WITHOUT THE EXPRESS WRITTEN PERMISSION OF SOR.

**TOLERANCES:**  
 (UNLESS OTHERWISE SPECIFIED)  
 FRACTIONS: +/- 1/8"  
 ALL DIMENSIONS ARE IN INCHES  
 NO BURRS OR SHARP EDGES

DRAWN BY: MPO  
 CHECKED BY:  
 ENGINEER APPROVAL:

		<b>5175 Ashley Court</b> Houston, Texas 77041 913-888-2830 SORINC.COM	
TITLE: HEAVY-DUTY SAMPLE SYSTEM			
MATERIAL: SS			
SCALE: N.T.S.			
DATE: 5-29-19		REV: 1	
DRAWING NUMBER: SSQ-00345A		DWG SIZE: A	
DO NOT SCALE PRINT			