

Name:				Phone:				
Company name:				Fax:				
Address:								
City:				State/Prov.:				
Country:						Postal Code:		
e-mail:								
End user:		Site/Location:						

Description of Application:

Number of Units:

Process Gas Mixture

Gas

Mole Weight

Percent

Calculated Molecular Weight
Cp/Cv (K) @ 65°C (145°F)

0.00

Operating Conditions (each machine):

Inlet Pressure Inlet
Temperature
Inlet Compressibility Discharge
Pressure
Discharge Temperature (desired)
Discharge Compressibility Required
Capacity (volumetric) Mass Flow

Site Voltage					
Motor		V,		PH,	CYC
Control Box		V,		PH,	CYC

High-high process disch. pressure				Block&Bleed valves
High process discharge temp				
High-high process discharge temp				
High Leak Detection pressure				Block&Bleed valves
Low cooling water flow				

<h1 style="text-align: center;">Diaphragm Compressor Application Data Sheet</h1>	
Instrumentation, continued	
Miscellaneous Instrumentation	
Cooling water sight flow indicator	
Start/Stop pushbuttons	Indicator lamps
Emergency stop pushbutton	
Alarm/Trip Acknowledge/Reset pushbutton	
Base oil heater "ON" indicating lamp	Vibration Switch
Tests and Inspections	
hydrostatic test for compressor head assembly (hydraulic side) per procedure 460.P701	
pneumatic test procedure for compressor head assembly per procedure 460.P703	
soap bubble leak test per procedure 460.P704	
helium mass spectrometer leak test per procedure 460.P705	
noise level test per procedure 460.P706	
mechanical run and performance test per procedure 460.P707	
compressor vibration test per procedure 460.P712	
liquid penetrant examination (NDE) per procedure 460.P401	
x-ray examination (outside vendor)	
standard tear-down inspection after the performance/run test before final assembly and cleaning	

Additional comments: