

**Executive Order VR-202-A
Healy Phase II EVR System
Including In-Station Diagnostic (ISD) System**

**Exhibit 1
Equipment List**

<u>Component</u>	<u>Manufacturer/Model</u>	<u>State Fire Marshal Identification Number</u>
Nozzle	Healy Model 900 (Figure 1A-1)	005:027:028
Tank Pressure Management System	Healy Model 9961 Clean Air Separator (Figure 1A-2)	005:027:029
Inverted Coaxial Hoses	Healy Model 75B Series (3/4" I.D.) (Figure 1A-4) 75B-XXX-YZYZ where <ul style="list-style-type: none"> XXX represents hose length <ul style="list-style-type: none"> First two digits for length in feet Last digit - length in tenths of foot Y represents hose end type <ul style="list-style-type: none"> S = Swivel End F = Fixed End Z represents thread type <ul style="list-style-type: none"> 2 = Healy Straight Thread 3 = Metric Thread 4 = Balance-Type Thread 	005:027:003
Dispenser Conversion Adaptors	Healy Model CX6-A Healy Model CX6-VV1A* Healy Model CX6-VV2A* Healy Model CX6-VV3A* (Figure 1A-5)	005:027:019
	Note: Items marked with asterisk (*) are no longer manufactured, but may be used for dispenser retrofit.	
Reconnectable Breakaway Coupling	Healy Model 8701VV (Figure 1A-6)	005:027:016

<u>Component</u>	<u>Manufacturer / Model</u>	<u>State Fire Marshal Identification Number</u>
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Flow Limiter ¹	Healy 1301 (Figure 1A-7)	005:027:020
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Pressure/Vacuum Valves

Husky Model 4885

Dispenser Vacuum Pump

	Healy Model VP1000 Vacuum Pump	005:027:030
	Healy/Franklin Electric Model VP1000 Vacuum Pump (Figure 1A-3)	005:027:014

Dispensers

Note: Unihose dispensers shall be required unless as provided by Section 4.11 of CP-201.

Gilbarco Encore Series		001:026:016 001:026:017
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Healy Retrofit Kits VP1000R² or VP1000S³

(Figure 1A-8)

<u>Model #'s</u>	<u>Description:</u>
NAO	Encore 1 Grade Multi-hose
NA1	Encore 2 Grade Multi-hose
NA2	Encore 3 Grade Multi-hose
NA3	Encore 4 Grade Multi-hose
NG0	Encore 3 Grade Single-Hose
NG1	Encore 4 Grade Single-Hose plus 1
NG4	Encore 2 Grade Single-Hose
NJ0	Multi-hose Blender
NJ2	Multi-hose Blender plus 1
NL0 NL1 NL2 NL3	Encore X+1 Blender
NN0 NN1 NN2 NN3	Encore X+0 Blender

¹ Flow limiter is mandatory when the flow rate is greater than 10 gallons per minute to comply with US EPA requirement.

² Kit used to install Healy components in Encore Balance series dispenser

³ Kit used to install Healy components in Encore Assist series dispenser

Component

Manufacturer / Model

GasBoy 9800 Series (Gilbarco)

Healy Retrofit Kit VP1000M⁴

(Figure 1A-9)

Model #'s Description:

9852 – Suffix1 Suffix2

9853 – Suffix1 Suffix2

Where:

Suffix1 can be:

- A = Factory fabrication and assembly modifications to chassis
- HC = High capacity model
- M = Manifold supply inlet at the pumping unit inlet
- TW1 = Manifold supply inlet
- TW2 = Two individual supply inlets
- X = Dispenser supplied by a submersible pump
- Q = Utilizes an alternate meter and Pump

Suffix2 can be:

- B = Battery back-up for electronics
- C = Pump Interface
- D = DC conduit and junction box
- F = Fuel filter
- G = Imperial gallons registration
- H = High hose retriever
- I = Internal hose retriever
- L = Lighted panel
- N = Equipped to handle a long spout nozzle
- P = Satellite dispenser as part of the unit (for connection to a master pump)
- PP = Solenoid valves (optional only on pumps)
- R = Liters registration
- S = Piping for connection to satellite
- SS = Stainless steel panels
- SSA = Equipped with stainless steel doors
- SSTS = Stainless steel tops and doors
- T = Mechanical totalizer

⁴ Kit used to install Healy components in GasBoy 9800 series dispenser
Healy Phase II EVR System Including Veeder-Root ISD, Exhibit 1 – VR-202-A

<u>Component</u>	<u>Manufacturer / Model</u>	<u>State Fire Marshal Identification Number</u>
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- U = Submersible drive relays
- W = Heater
- Y = Vapor recovery ready
- Z = Front Load Nozzle
- 2 = 230 VAC/60hz operation
- 3 = 230 VAC/60hz operation with 380VAC/60hz motor (available on all models except 9852Q)
- 25 = 230VAC/50hz operation
- 35 = 230VAC/50hz operation with 380VAC/50hz motor
- 4 = RS-485 interface
- 5 = 50hz operation
- 7 = Electronic totalizer activator on both sides
- 9 = Provided with 900-R Series TopKat

Wayne Harmony Series

Healy Retrofit Kits VP1000N⁵ or VP1000Q⁶

(Figure 1A-10)

<u>Model #'s</u>	<u>Description:</u>
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prefix/VXXXYZ/suffix

Where:

- prefix = Any number or letter (with a possible "H" for Harmony)
- V = Vista
- X = Any digit
- Y = D or P
 - D = remote dispenser type for delivering fuel
 - P = suction pump for delivering fuel
- Z = 1, 3, 4, 5, 6, 7 or 8
- suffix = D1 or D2, and any combination of number(s) or letter(s)

⁵ Kit used to install Healy components to Harmony Balance series dispenser

⁶ Kit used to install Healy components to Harmony Assist series dispenser

Component

Manufacturer / Model

Wayne Ovation Series

Healy Retrofit Kit VP1000P⁷

(Figure 1A-11)

Model #'s
XYZ/ABC

Description:

Where:

- X = B or R
B = Blended Dispenser
R = Regular Dispenser
- Y = Number of hoses per side
1 = one hose per side
2 = two hoses per side
- Z = Number of inlets per side
1 = one inlet
2 = two inlets
3 = three inlets
- A = Number of grades
1 = one grade
2 = two grades
3 = three grades
4 = four grades
5 = five grades
- B = Number of sides
1 = one side
2 = two sides
- C = Number of columns
1 = one column
2 = two columns

Wayne 3 Vista Series

005:019:001

Healy Retrofit Kit VP1000T⁸

(Figure 1A-12)

Model #'s
prefix/VXXXYZ/suffix

Description:

Where:

⁷ Kit used to install Healy components to Ovation Balance or Assist series dispenser

⁸ Kit used to install Healy components to Vista series dispenser

**State Fire Marshal
Identification Number**

Component

Manufacturer / Model

Prefix= Any number or letter
V = Vista
X = Any digit
Y = D or P
D = remote dispenser type for delivering fuel
P = suction pump for delivering fuel
Z = 1, 3, 4, 5, 6, 7 or 8
Suffix= D1 or D2, and any combination of number(s) or letter(s)

TLS Console

TLS-350
TLS-350 Plus
TLS-350R
Red Jacket ProMax
Gilbarco EMC

Veeder-Root 8482XX-XXX
Veeder-Root 8470XX-XXX
X = Any digit
(Figure 1A-13)

ISD Software

Veeder-Root ISD 1.00

Vapor Flow Meter
(1 per Dispenser)

Veeder-Root 331847-XXX
X = Any digit
(Figure 1A-14)

Vapor Pressure Sensor
(1 per GDF)

Veeder-Root 331946-001
(Figure 1A-15)

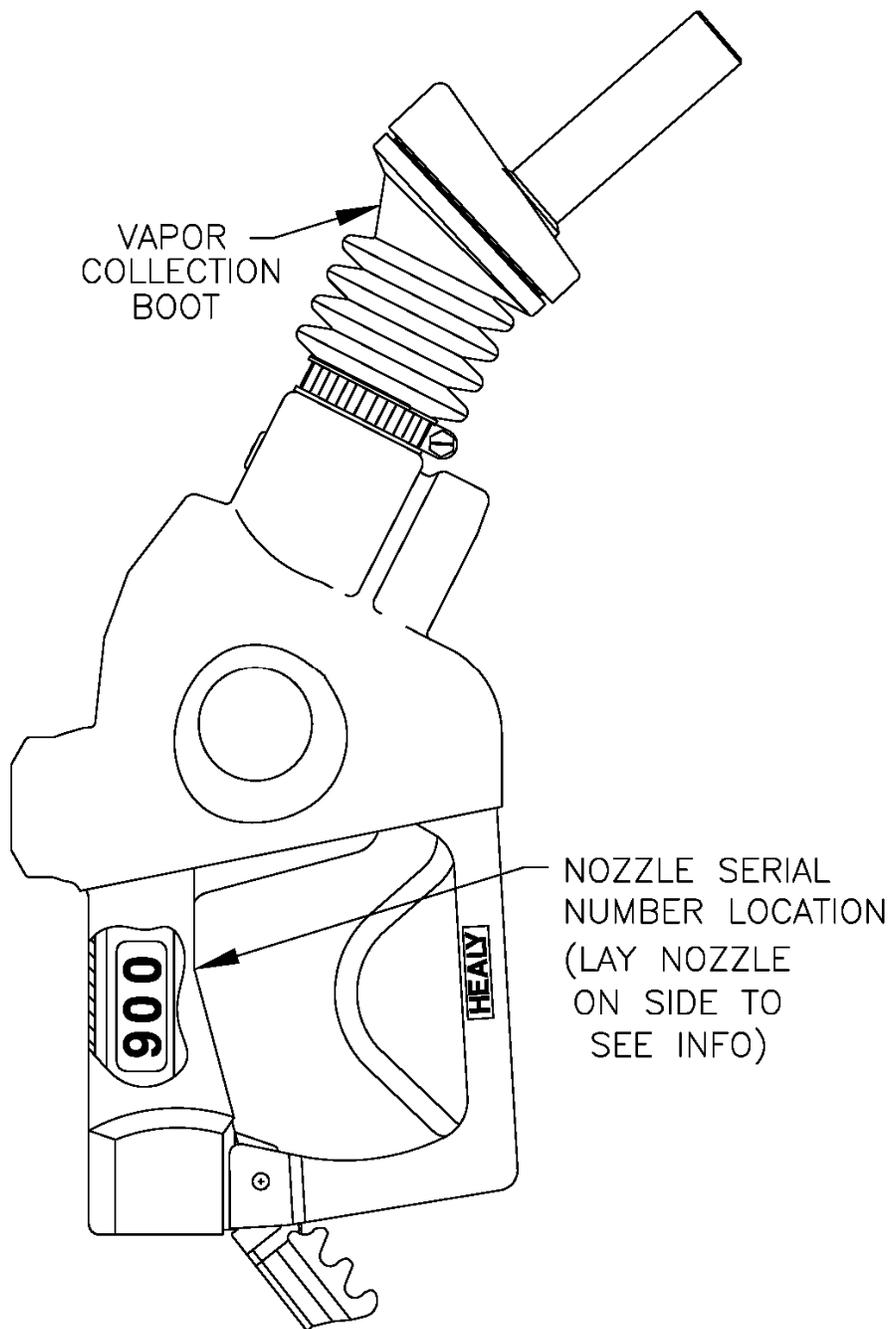
Dispenser Interface Module (DIM)

Veeder-Root DIM Series
(Figure 1A-16)

<u>Component</u>	<u>Manufacturer / Model</u>	<u>State Fire Marshal Identification Number</u>
RS232 Interface Module	Veeder-Root RS232 Interface Module Series (Figure 1A-17)	

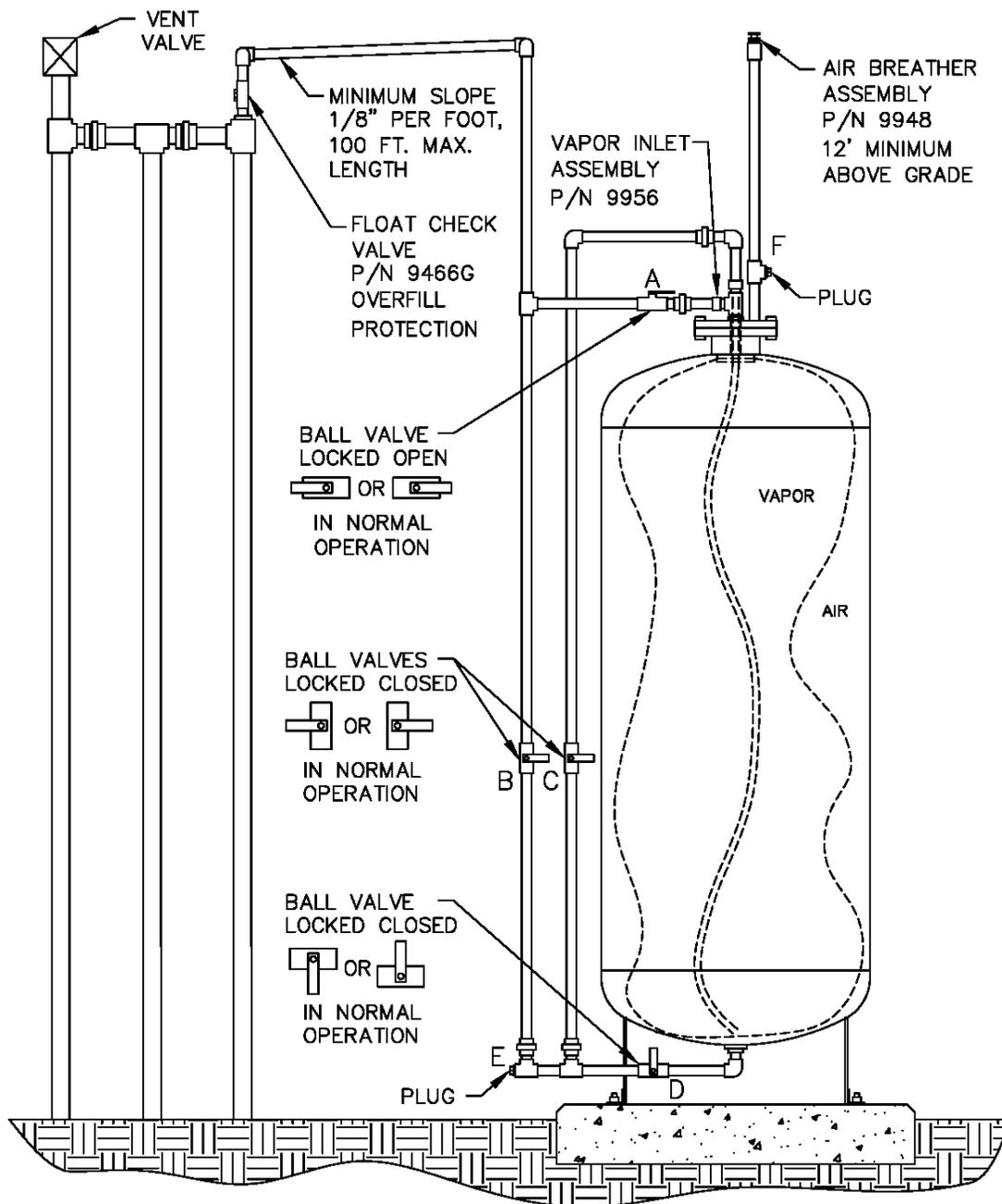
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**Exhibit 1
Figure 1A-1
Healy Model 900 EVR Nozzle**



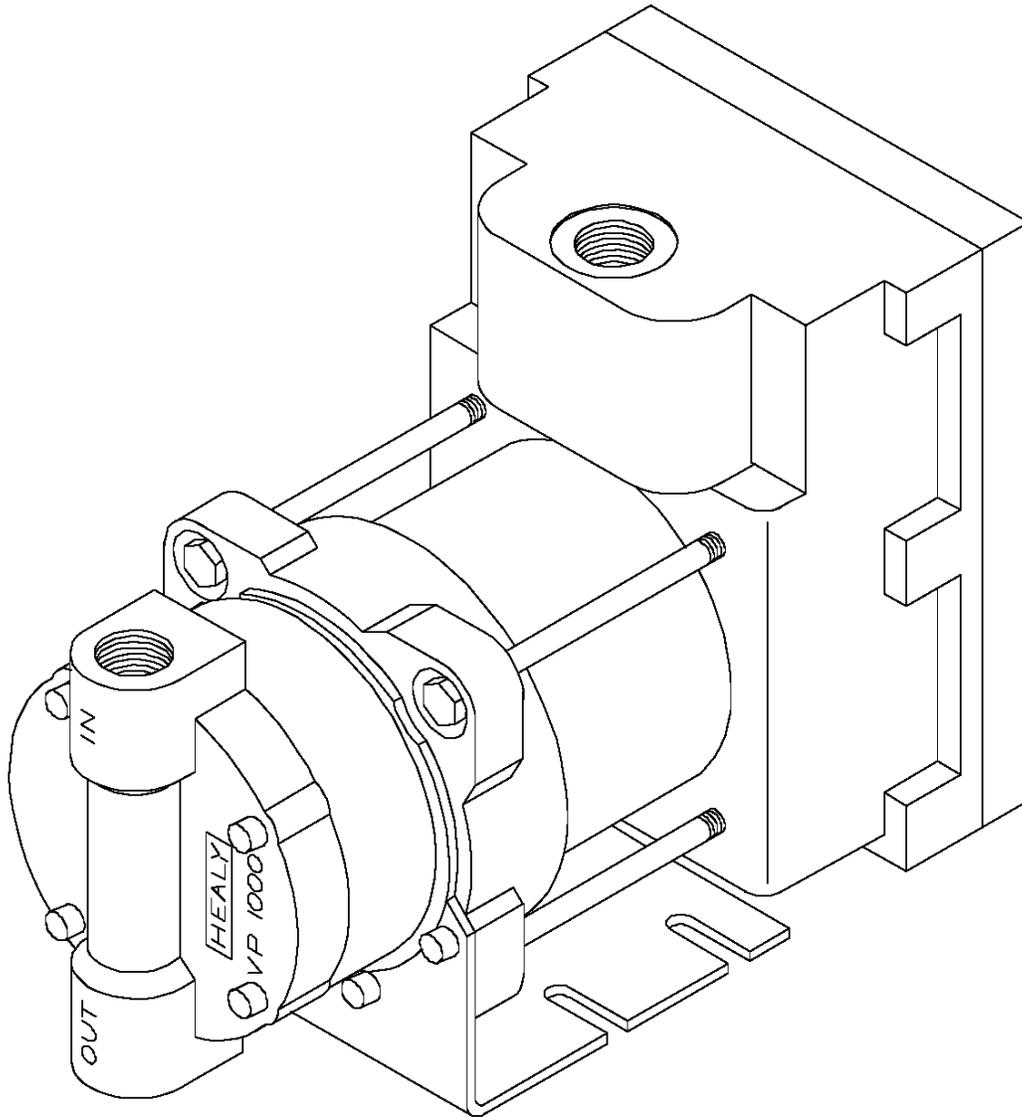
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**Exhibit 1
Figure 1A-2
Healy Model 9961 Clean Air Separator**



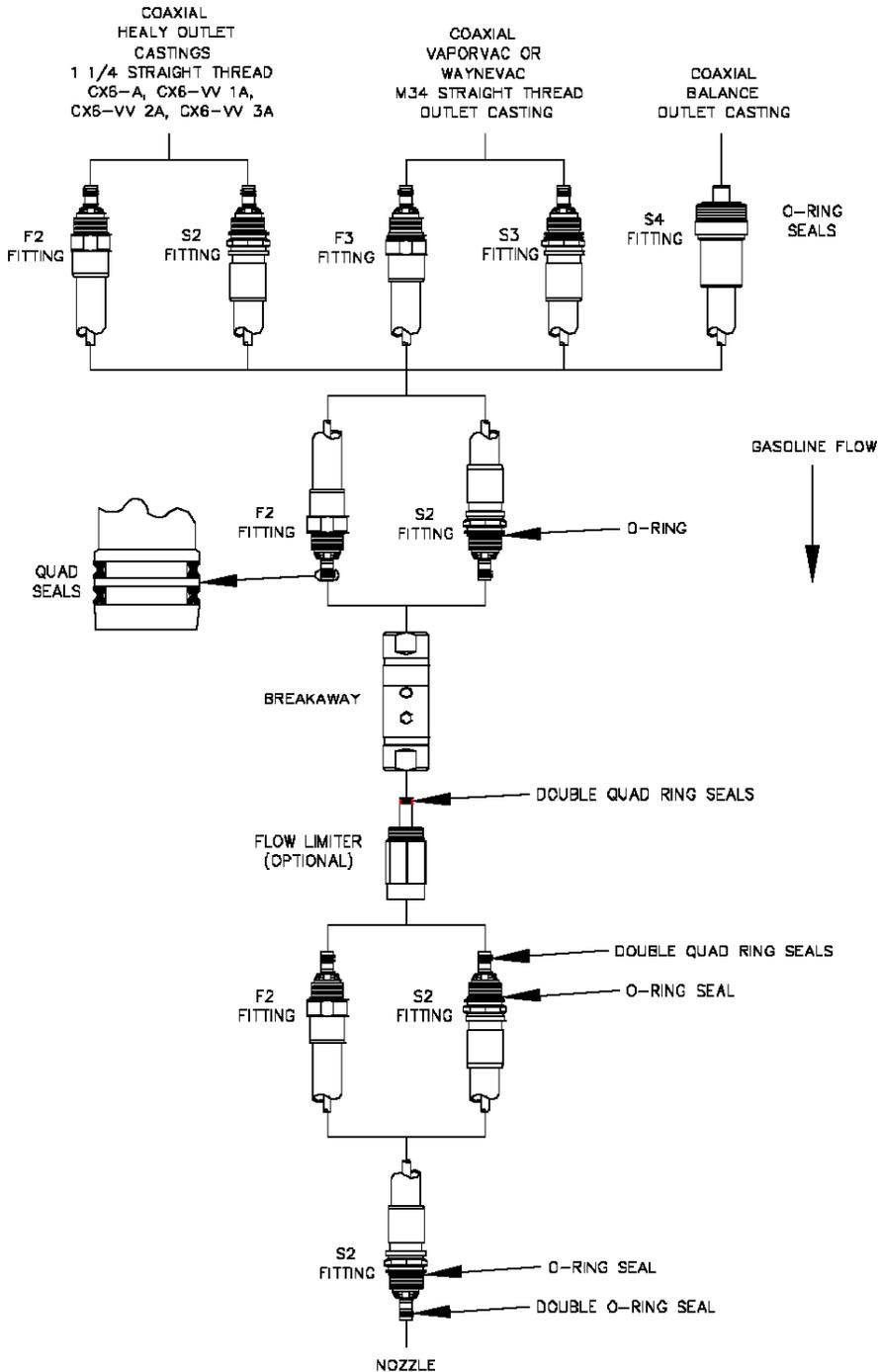
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**Exhibit 1
Figure 1A-3
Healy Model VP1000 Vacuum Pump**



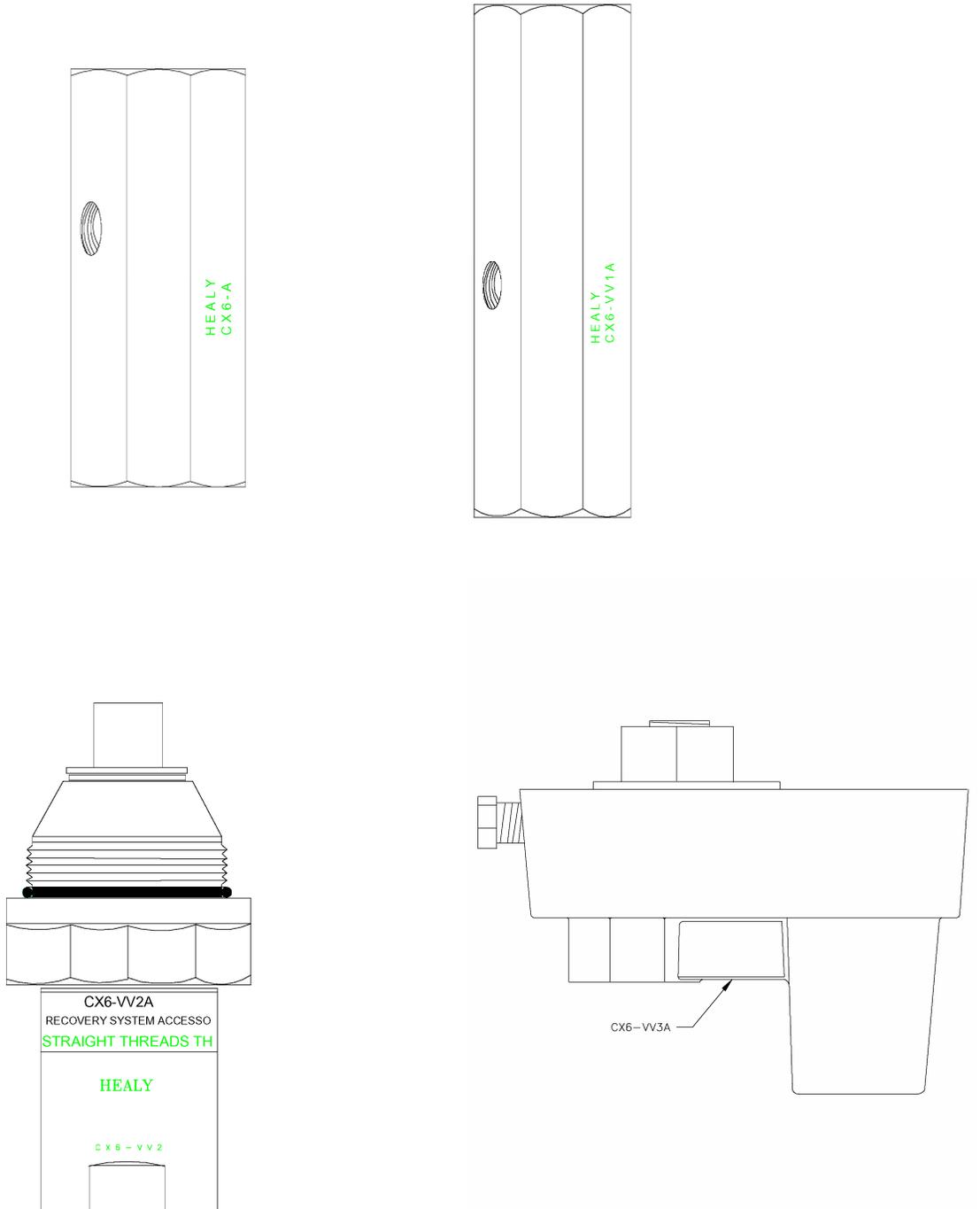
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Exhibit 1 Figure 1A-4 Hanging Hardware Selection Options



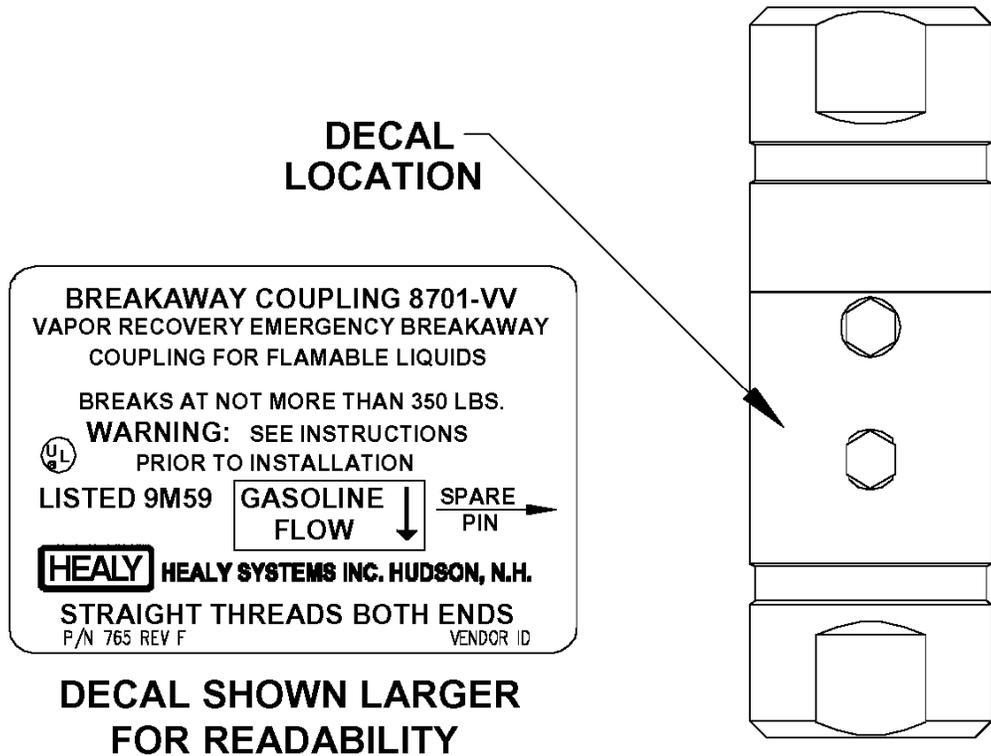
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**Exhibit 1
Figure 1A-5
Healy Model CX6-A, CX6-VV1A, CX6-VV2A, CX6-VV3A
Dispenser Conversion Adaptors**



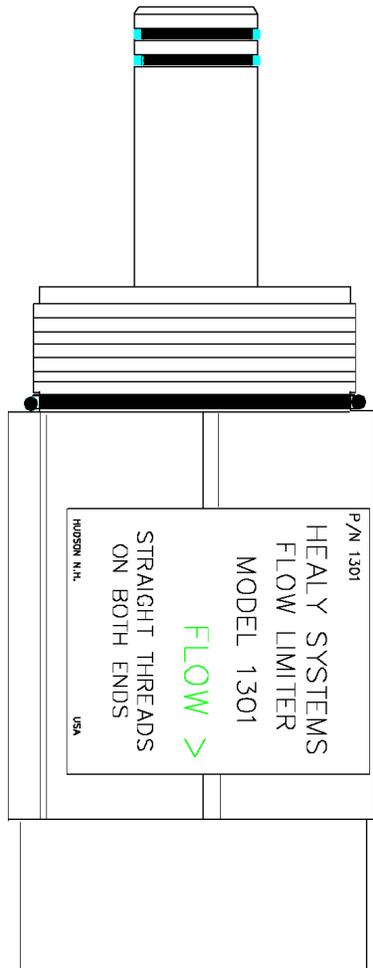
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**Exhibit 1
Figure 1A-6
Healy Model 8701VV Breakaway**



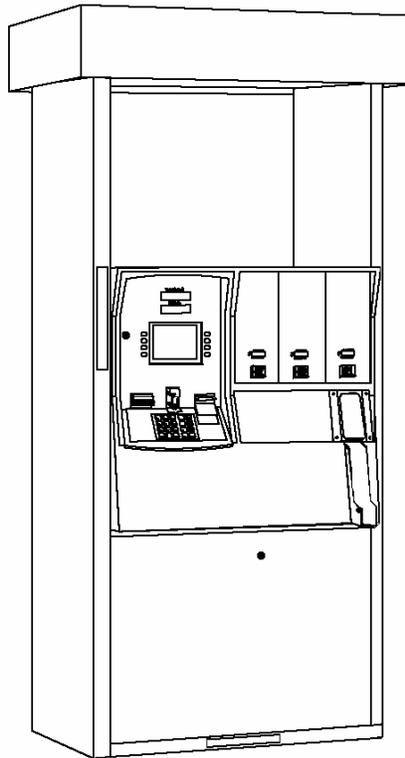
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**Exhibit 1
Figure 1A-7
Healy Model 1301 Flow Limiter**



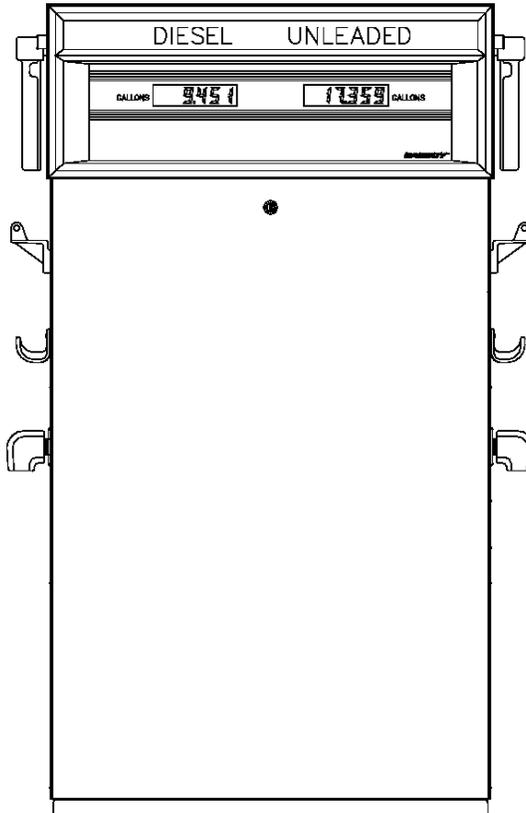
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**Exhibit 1
Figure 1A-8
Gilbarco Encore Series Dispenser**



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**Exhibit 1
Figure 1A-9
GasBoy 9800 Series (Gilbarco) Dispenser**



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**Exhibit 1
Figure 1A-10
Wayne Harmony Series Dispenser**



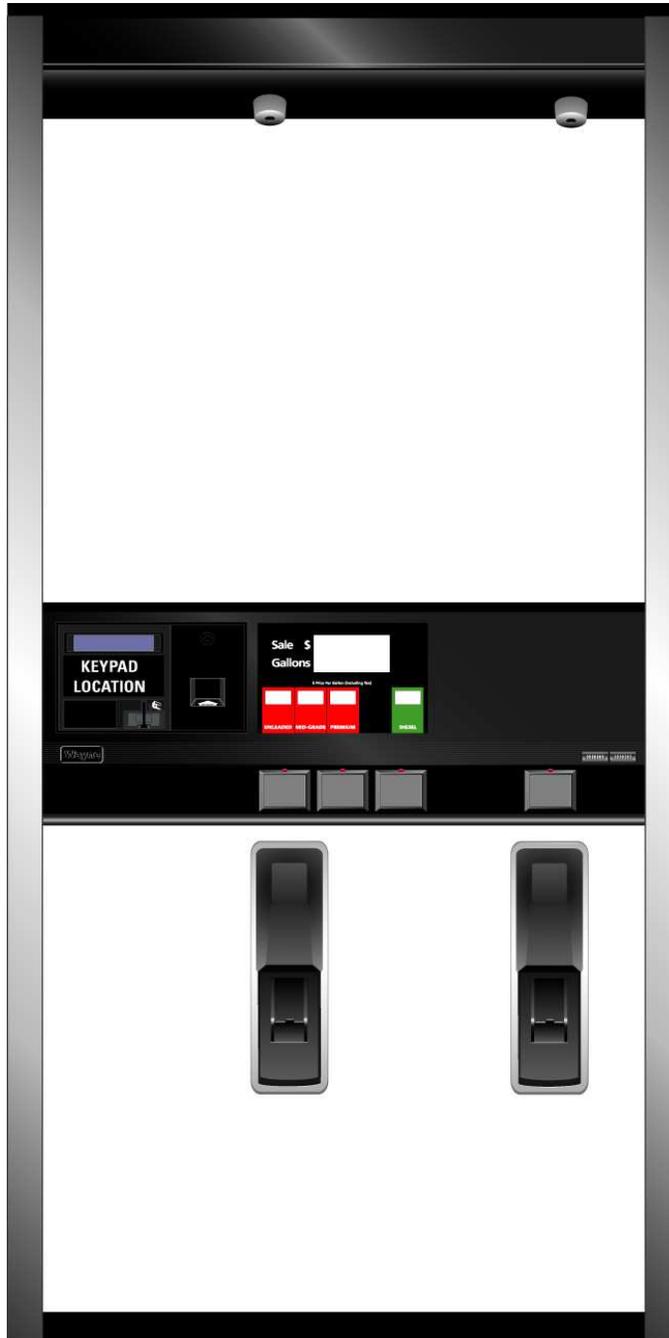
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**Exhibit 1
Figure 1A-11
Wayne Ovation Series Dispenser**



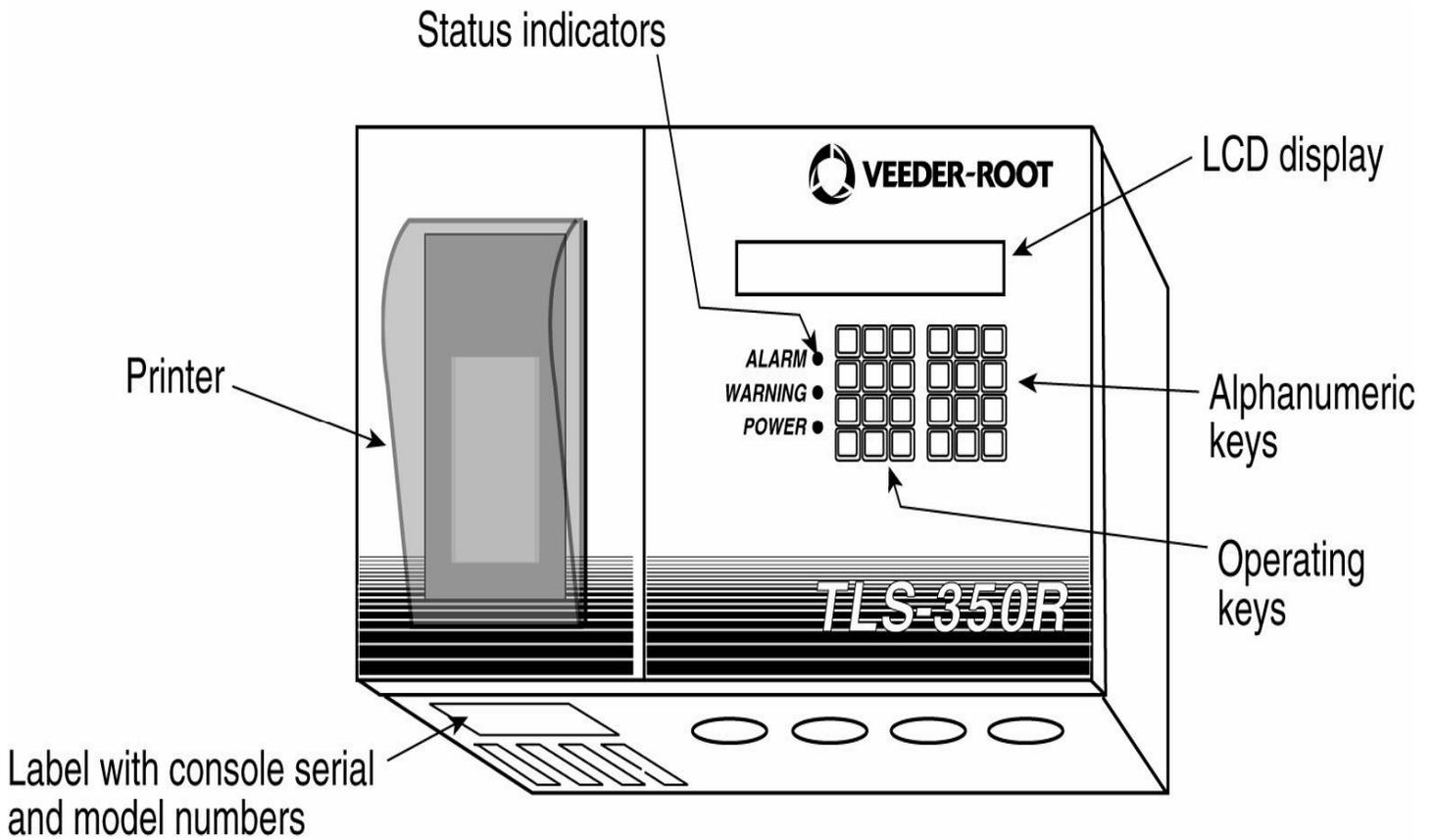
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**Exhibit 1
Figure 1A-12
Wayne Vista Series Dispenser**



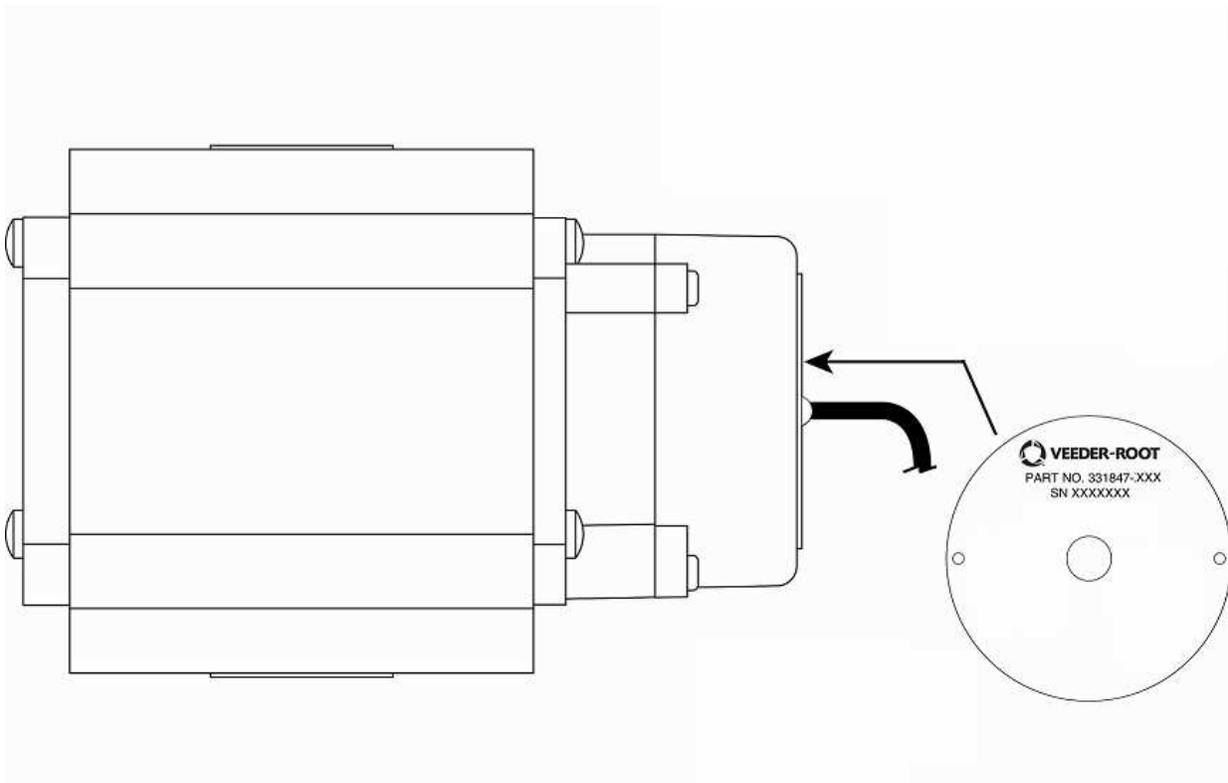
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**Exhibit 1
Figure 1A-13
Veeder-Root 8482XX-XXX
Veeder-Root 7470XX-XXX
Standard TLS Console**



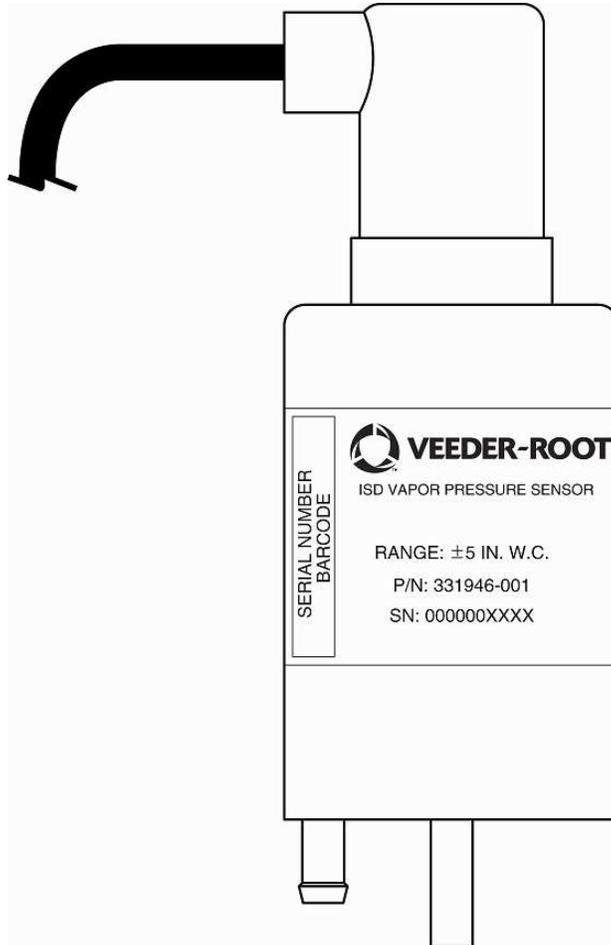
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**Exhibit 1
Figure 1A-14
Veeder-Root 331847-XXX
Vapor Flow Meter**



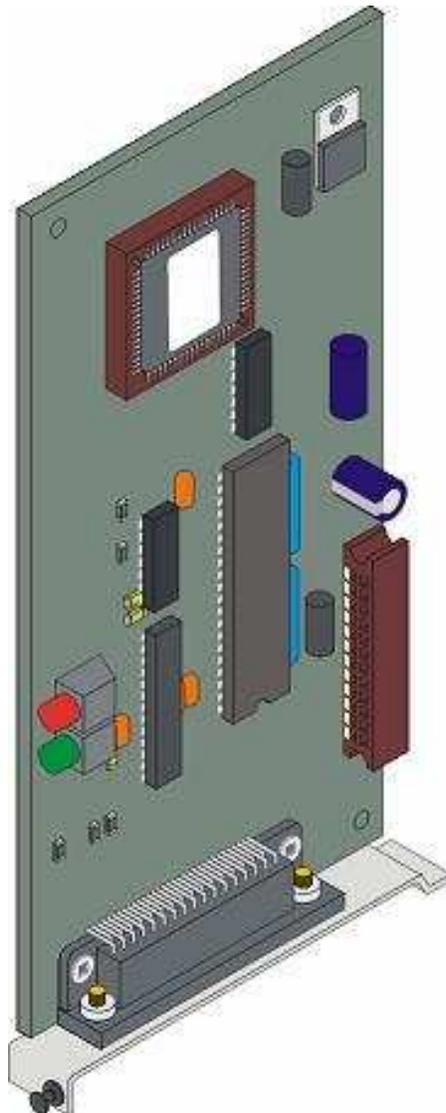
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**Exhibit 1
Figure 1A-15
Veeder-Root 331946-001
Vapor Pressure Sensor**



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Healy Phase II EVR System
Including Veeder-Root ISD**

**Exhibit 1
Figure 1A-16
Veeder-Root
Dispenser Interface Module (DIM)**



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Including Veeder-Root ISD**

**Exhibit 1
Figure 1A-17
Veeder-Root
RS232 Interface Modules**

