

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

**Exhibit 1  
Equipment List**

**Component**

**Manufacturer/Model**

**Nozzle**

Healy Model 900<sup>1</sup>  
(Figures 1A-1 and 1A-2)

**Clean Air Separator**

Healy Model 9961 Clean Air Separator  
(Figures 1A-3 and 1A-4)  
Healy Model 9961H Clean Air Separator  
(Figures 1A-3H and 1A-6)

**Inverted Coaxial Hoses**

Healy Model 75 Series (3/4" I.D.)  
(Figures 1A-5, 1A-7 and 1A-8)  
75W-XXX-YZYZ

where

W represents color of hose (varies)

Note: Product label will have an "X" in  
this position for all hose colors

XXX represents hose length

First two digits for length in feet

Last digit - length in tenths of foot

Note: Product label will have "XXX" in  
this position for hose length

Y represents hose end type

S = Swivel End

F = Fixed End

Z represents thread type

2 = Healy Straight Thread

3 = Metric Thread

4 = Balance-Type Thread

---

<sup>1</sup> Nozzle can have either a two position or three position hold open clip (see Figure 1A-1).

<b><u>Component</u></b>	<b><u>Manufacturer / Model</u></b>
<b>Dispenser Conversion Adaptors (Optional)<sup>2</sup></b>	Healy Model CX6-A (Required on Gasboy, Global Century, Reliance and Select Dispensers) Healy Model CX6-VV1A* Healy Model CX6-VV2A* Healy Model CX6-VV3A* (Figures 1A-9 and 1A-10) Note: Items marked with asterisk (*) are no longer manufactured, but may be used for dispenser retrofit.
<b>Reconnectable Breakaway Coupling</b>	Healy Model 8701VV (Figures 1A-11 and 1A-12) Healy Model 807 Swivel (Figures 1A-13 and 1A-14)
<b>Flow Limiter<sup>3</sup></b>	Healy Model 1301 (Figures 1A-15 and 1A-16) Healy Model 1302 (Figures 1A-17 and 1A-18)
<b>Dispenser Vacuum Pump</b>	Healy Model VP1000 Vacuum Pump Healy/Franklin Electric Model VP1000 Vacuum Pump (Figure 1A-19)

---

<sup>2</sup> If optional components are installed or required by regulations of other agencies, only those components and model numbers specified above shall be installed or used.

<sup>3</sup> Flow limiter is mandatory when the flow rate is greater than 10.0 gallons per minute to comply with US EPA requirement. 1301 is used with 8701VV breakaway. 1302 is used with 807 swivel breakaway.

**Component**

**Manufacturer / Model**

**Dispensers**

Note: Unihose dispensers shall be required unless as provided by Section 4.10 of CP-201.

Gilbarco Encore Series<sup>4</sup>

Healy Kit VP1000R<sup>5</sup> or VP1000S<sup>6</sup>

<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

GasBoy 9800 Series (Gilbarco)

Healy Kit VP1000M<sup>7</sup>

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

<sup>4</sup> Encore Dispensers factory equipped with Healy VP1000 will now have an angled (~13°) outlet casting.

<sup>5</sup> Kit used to install Healy components in Encore Balance series dispenser. VP1000R previously sold as equivalent to VP1000L.

<sup>6</sup> Kit used to install Healy components in Encore Assist series dispenser. VP1000S previously sold as equivalent to VP1000K.

<sup>7</sup> Kit used to install Healy components in GasBoy 9800 series dispenser

**Component**

**Manufacturer / Model**

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
- 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

**Component**

**Manufacturer / Model**

Wayne Harmony Series

Healy Kit VP1000N<sup>8</sup> or VP1000Q<sup>9</sup>

Model #'s                      Description:  
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)

Wayne Ovation Series

Healy Kit VP1000P<sup>10</sup>

Model #'s                      Description:  
XYZ/ABC

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

<sup>8</sup> Kit used to install Healy components to Harmony Balance series dispenser

<sup>9</sup> Kit used to install Healy components to Harmony Assist series dispenser

<sup>10</sup> Kit used to install Healy components to Ovation Balance or Assist series dispenser. VP1000P previously sold as equivalent to VP1000C.

**Component**

**Manufacturer / Model**

- B = Number of sides  
1 = one side  
2 = two sides
- C = Number of columns  
1 = one column  
2 = two columns

Wayne Vista Series

Healy Kit VP1000T<sup>11</sup> or VP1000V<sup>12</sup>

Model #'s                      Description:  
 prefix/VXXXYZ/suffix

Where:

- 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)

Wayne Global Century & Select Series<sup>13</sup>

Model #'s                      Description  
 3/GABCDE/Suffix

Where:

- A = Model Series  
2 = Global Century  
7 = Select
- B = Cabinet Style  
2 = Column Style
- C = Flow Rate Capacity  
0 = Standard Flow  
4 = Twin I, Dual Filters

<sup>11</sup> Kit used to install Healy components to 3V Vista series dispenser. VP1000T previously sold as equivalent to VP1000C.

<sup>12</sup> Kit used to install Healy components to 1V and 2V Vista series dispenser. VP1000V previously sold as equivalent to VP1000F.

<sup>13</sup> Dispenser configuration only available for purchase from Dresser Wayne. There is no Kit for retrofit of this dispenser type.

**Component**

**Manufacturer / Model**

- D = Number of Hoses & Orientation
  - 1 = Single, Island-Oriented
  - 2 = Twin I, Island-Oriented
  - 3 = Twin II, Island-Oriented
  - 7 = Twin I, Lane-Oriented
  - OR Single Side, Lane-Oriented w/ "R" Suffix
  - 8 = Twin II, Lane-Oriented
- E = Dispenser Type
  - D = Dispenser-Remote
- Suffix = Any combination of letters or numbers

Wayne Reliance Series<sup>14</sup>

Model #'s  
/GABCDE/Suffix

Description

Where:

- A = Model Series
  - 5 = Reliance Mechanical Fleet – Pricing
  - 6 = Reliance Mechanical Fleet – Volume Only
- B = Cabinet Style
  - 2 = Column Style
- C = Flow Rate Capacity
  - 0 = Standard Flow
- D = Number of Hoses & Orientation
  - 1 = Single, Island-Oriented
  - 2 = Twin I, Island-Oriented
  - 3 = Twin II, Island-Oriented
- E = Dispenser Type
  - D = Dispenser-Remote
- Suffix = Any combination of letters or numbers

<sup>14</sup> Dispenser configuration only available for purchase from Dresser Wayne. There is no Kit for retrofit of this dispenser type.

**Component**

**Manufacturer / Model**

FFS/Healy Universal Retrofit Manual<sup>15</sup>

Healy Kits	VP1000A <sup>16</sup> VP1000D <sup>17</sup> VP1000G <sup>18</sup> VP1000H <sup>19</sup> VP1000J <sup>20</sup> Z071V <sup>21</sup> Z070E <sup>22</sup> Z008 <sup>23</sup> Z009 <sup>24</sup>
------------	---

Table 1  
Components Exempt from Identification Requirements

Component Name	Manufacturer	Model Number
Dispenser Kit	Healy	VP1000A & VP1000B VP1000D VP1000G VP1000H VP1000J VP1000M VP1000N VP1000P VP1000Q VP1000R VP1000S VP1000T VP1000V Z008 Z009 Z070E Z071V

<sup>15</sup> Any dispenser not currently listed in Exhibit 1 can be upgraded to Healy EVR using one of the kits listed in this section.

<sup>16</sup> Kit contains Universal Wire Harness for use in any dispenser make or model. For use with any VAC or VDC solenoid valves. VP1000A previously sold as equivalent to VP1000B.

<sup>17</sup> Early Gilbarco Encore 300 Blender Dispensers – 120 VAC valves (mfg. before 04/2003).

<sup>18</sup> Wayne DL Non-Blender Dispensers – 120 VAC valves.

<sup>19</sup> Tokheim Premier C Blender Dispensers – 24 VDC valves.

<sup>20</sup> Early Tokheim Blender Dispensers – Combination 120 VAC & 24 VDC valves.

<sup>21</sup> Universal Vapor Kit.

<sup>22</sup> Universal Electrical Kit.

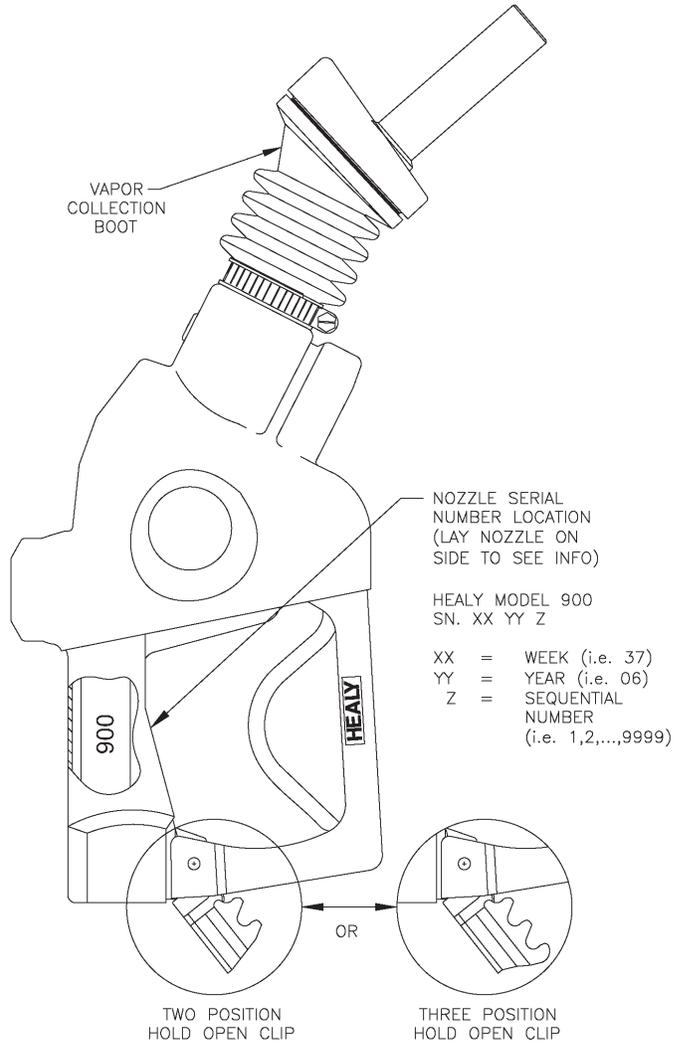
<sup>23</sup> Standard Low Profile Single Hose Dispenser Retrofit Kit.

<sup>24</sup> Standard Low Profile Dual Hose Dispenser Retrofit Kit.

<b><u>Component</u></b>	<b><u>Manufacturer / Model</u></b>
<b>TLS Console</b>	
TLS-350 TLS-350 Plus TLS-350R Red Jacket ProMax Gilbarco EMC Simplicity	Veeder-Root 8482XX-XXX Veeder-Root 8470XX-XXX X = Any digit (Figure 1A-20)
<b>ISD Software</b>	Veeder-Root ISD 1.01
<b>Vapor Flow Meter</b> (1 per Dispenser)	Veeder-Root 331847-XXX X = Any digit (Figure 1A-21)
<b>Vapor Pressure Sensor</b> (1 per GDF)	Veeder-Root 331946-001 (Figure 1A-22)
<b>Vapor Pressure SensorDispenser Interface Module (DIM)</b>	Veeder-Root DIM Series (Figure 1A-23)
<b>RS232 Interface Module</b>	Veeder-Root RS232 Interface Module Series (Figure 1A-24)

**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1**



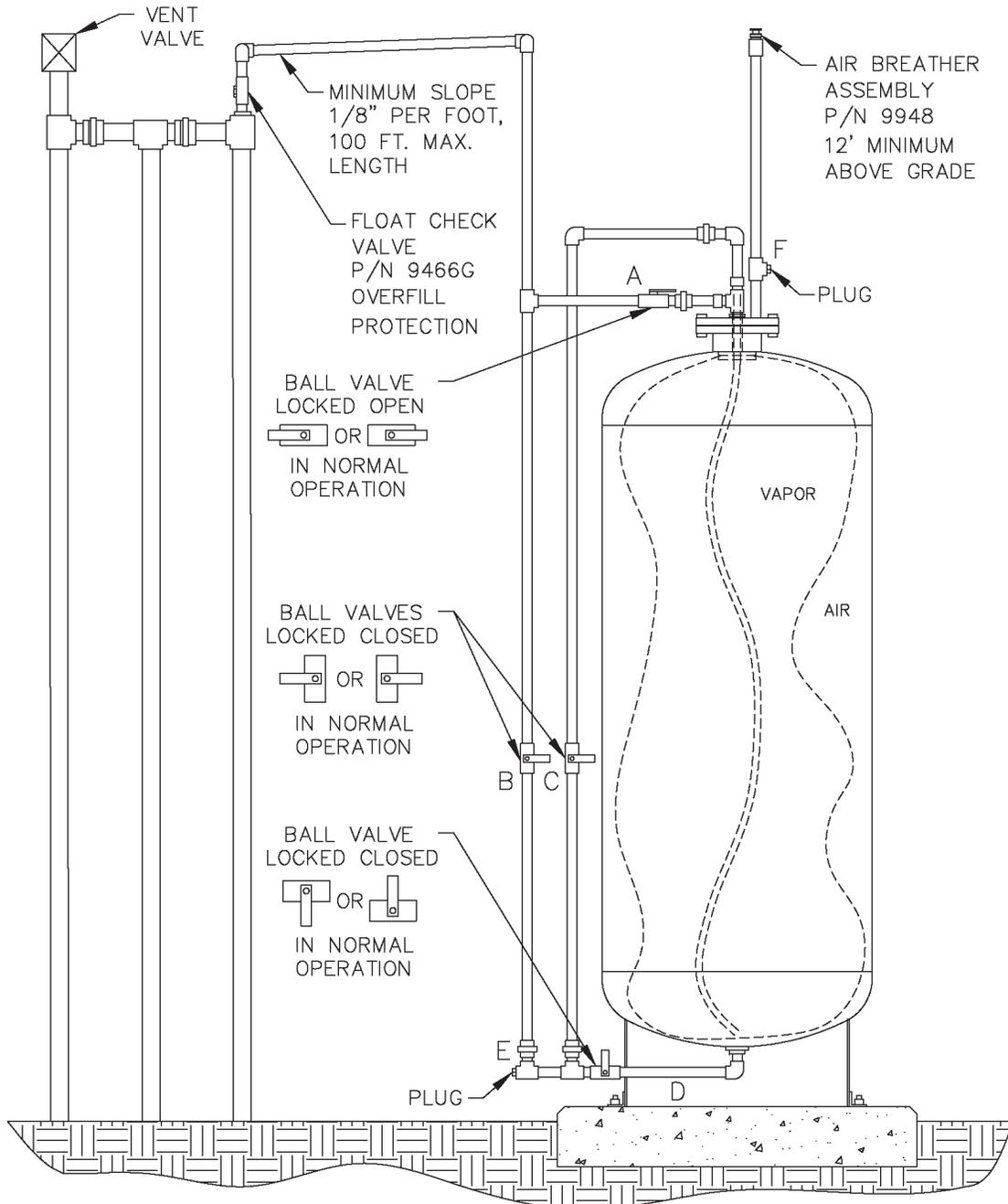
**Figure 1A-1  
Healy Model 900 EVR Nozzle**



**Figure 1A-2  
Healy Model 900 Nozzle**

**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1  
Figure 1A-3  
Healy Model 9961 Clean Air Separator**



**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1**



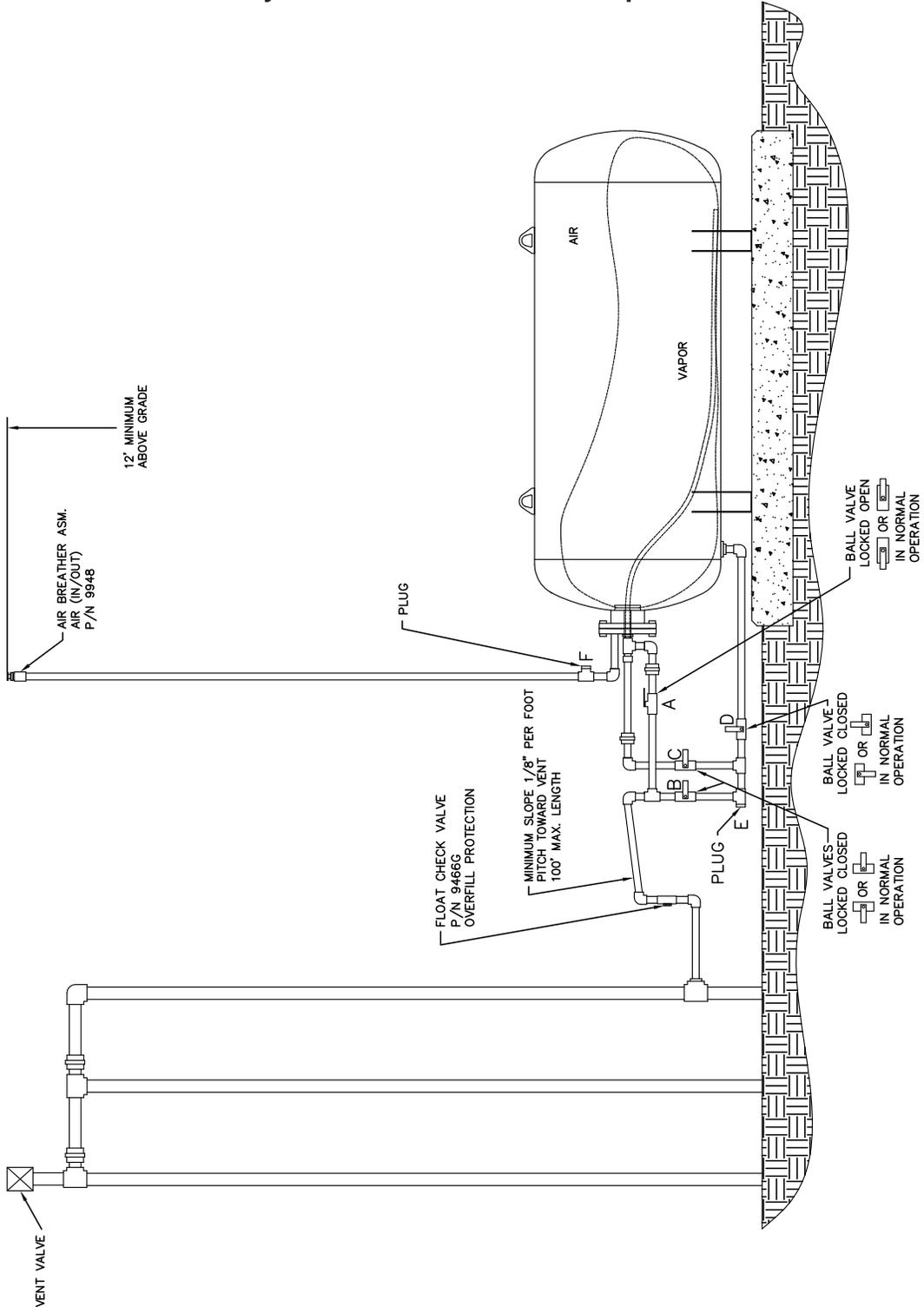
**Figure 1A-4  
Healy Model 9961 Clean Air Separator**



**Figure 1A-5  
Healy Model 75 Series Hose**

Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD

Exhibit 1  
Figure 1A-3H  
Healy Model 9961H Clean Air Separator



**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1  
Figure 1A-6  
Healy Model 9961-H Clean Air Separator**

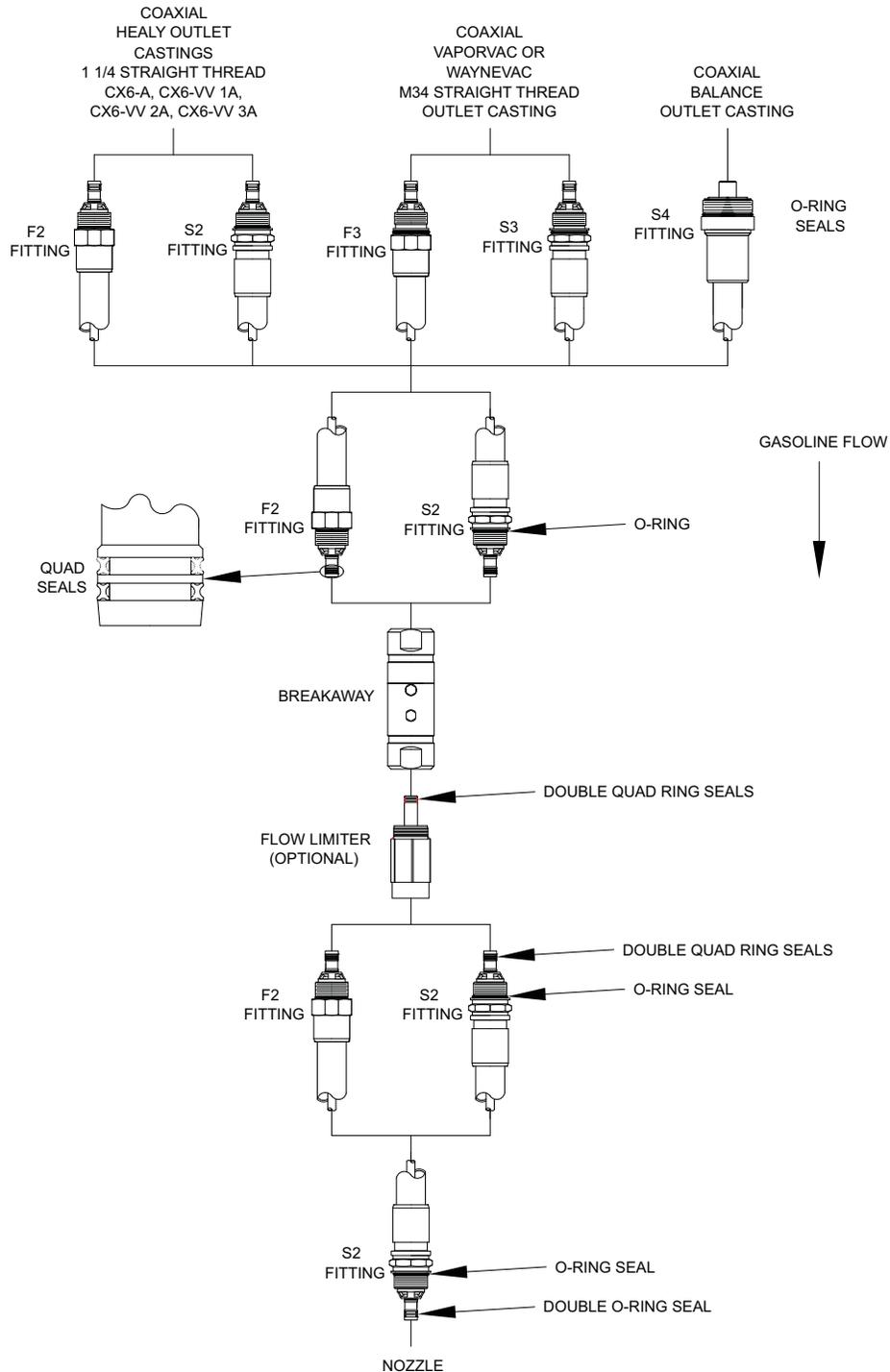


**Clean Air Separator Name Plate**

**Clean Air Separator Data Plate  
(not pictured on far side of base)**

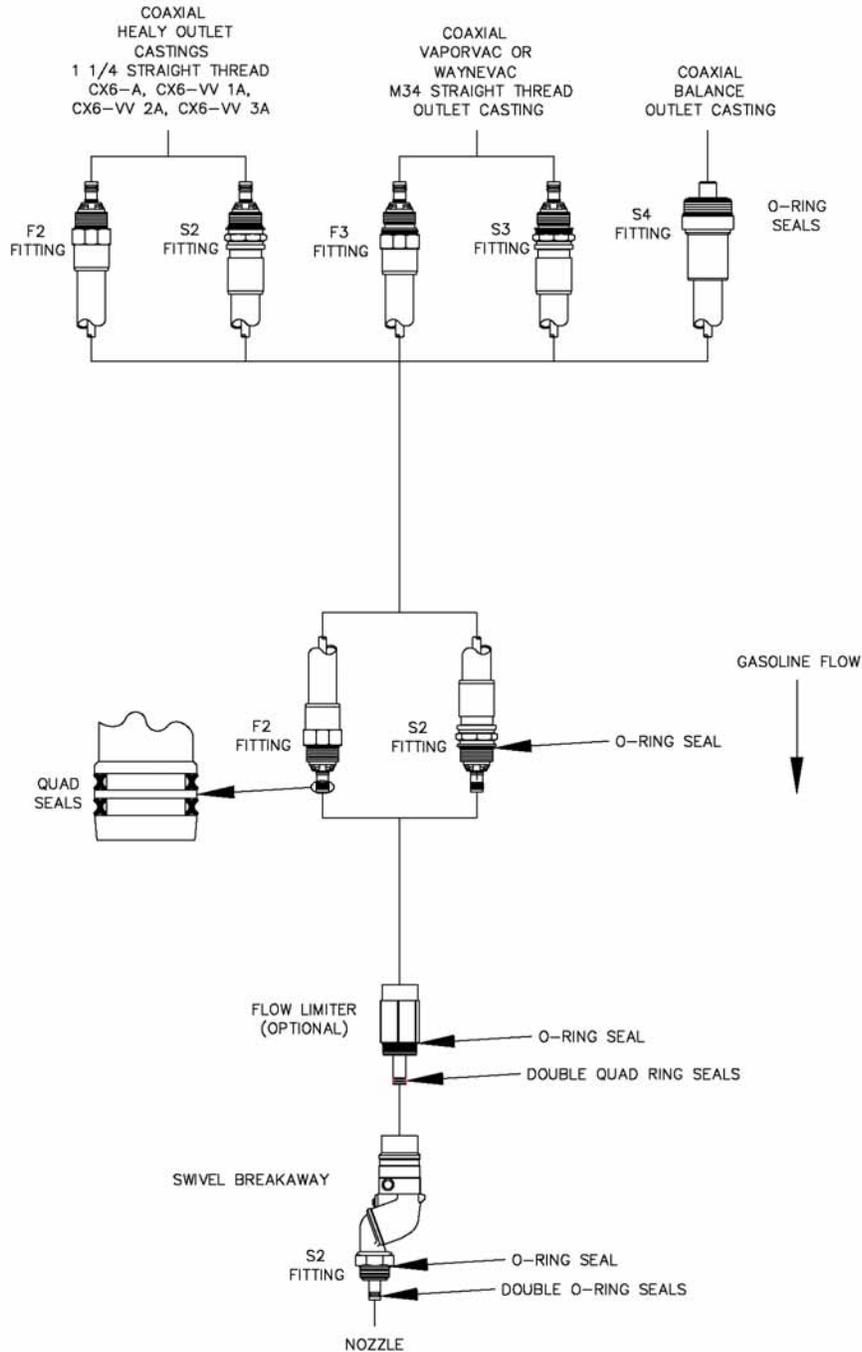
# Executive Order VR-202-D Healy Phase II EVR System Including Veeder-Root ISD

## Exhibit 1 Figure 1A-7 Hanging Hardware Selection Options Model 8701VV Breakaway and 1301 Flow Limiter



**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1  
Figure 1A-8  
Hanging Hardware Selection Options  
Model 807 Swivel Breakaway and 1302 Flow Limiter**



Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD

Exhibit 1  
Dispenser Conversion Adaptors



Figure 9  
Healy Model CX6-A



Figure 1A-9  
Healy Model CX6-VV1A



Figure 1A-9  
Healy Model CX6-VV2A

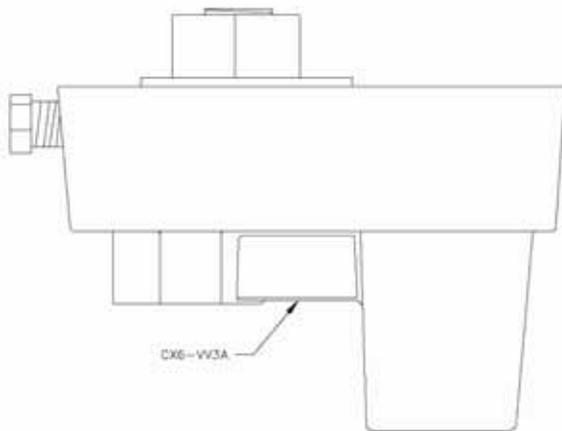


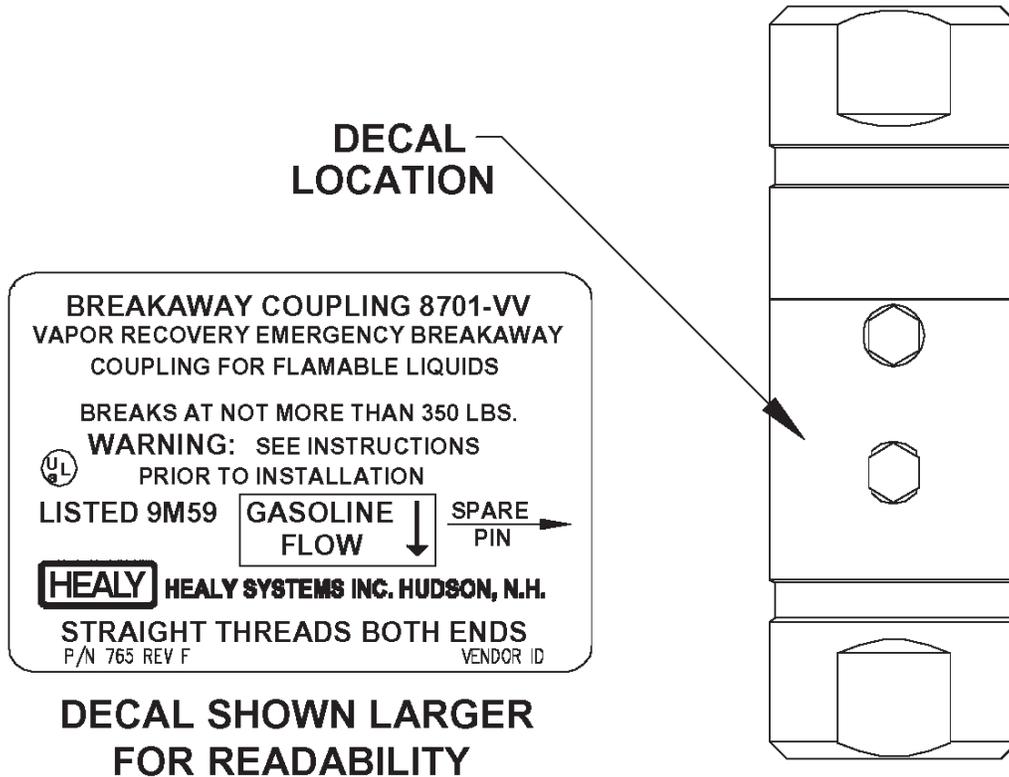
Figure 1A-9  
Healy Model CX6-VV3A



Figure 1A-10  
Healy Model CX6-A

**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1  
Healy Model 8701VV Breakaway**



**Figure 1A-11**

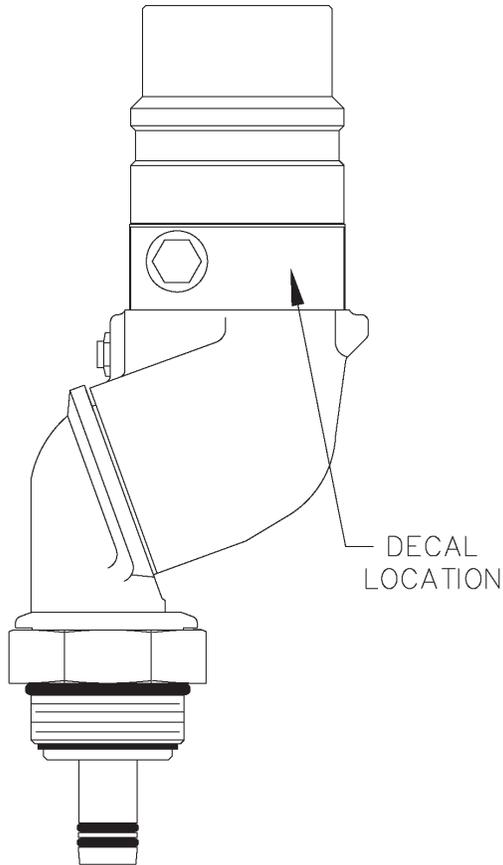


**Figure 1A-12**

**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1  
Healy Model 807 Swivel Breakaway**

**Figure 1A-13**



**Figure 1A-14**



SPARE SHEAR SCREW	<b>VAPOR RECOVERY EMERGENCY BREAKAWAY COUPLING FOR FLAMMABLE LIQUIDS</b>	MODEL FLOW 807	LBL P/N 893
	<b>MAX. SEPARATION FORCE 350#</b>	STRAIGHT THDS, BOTH ENDS	Healy Systems Inc. Hudson, N.H. 03051

DECAL SHOWN LARGER  
FOR READABILITY

Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD

Exhibit 1



Figure 1A-15  
Healy Model 1301 Flow Limiter

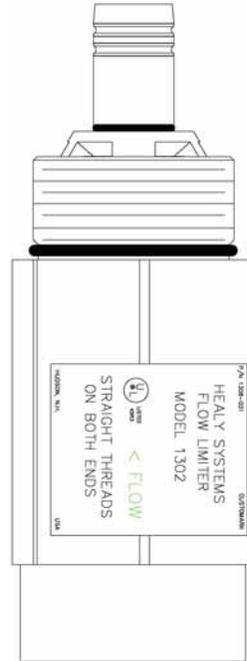


Figure 1A-17  
Healy Model 1302 Flow Limiter



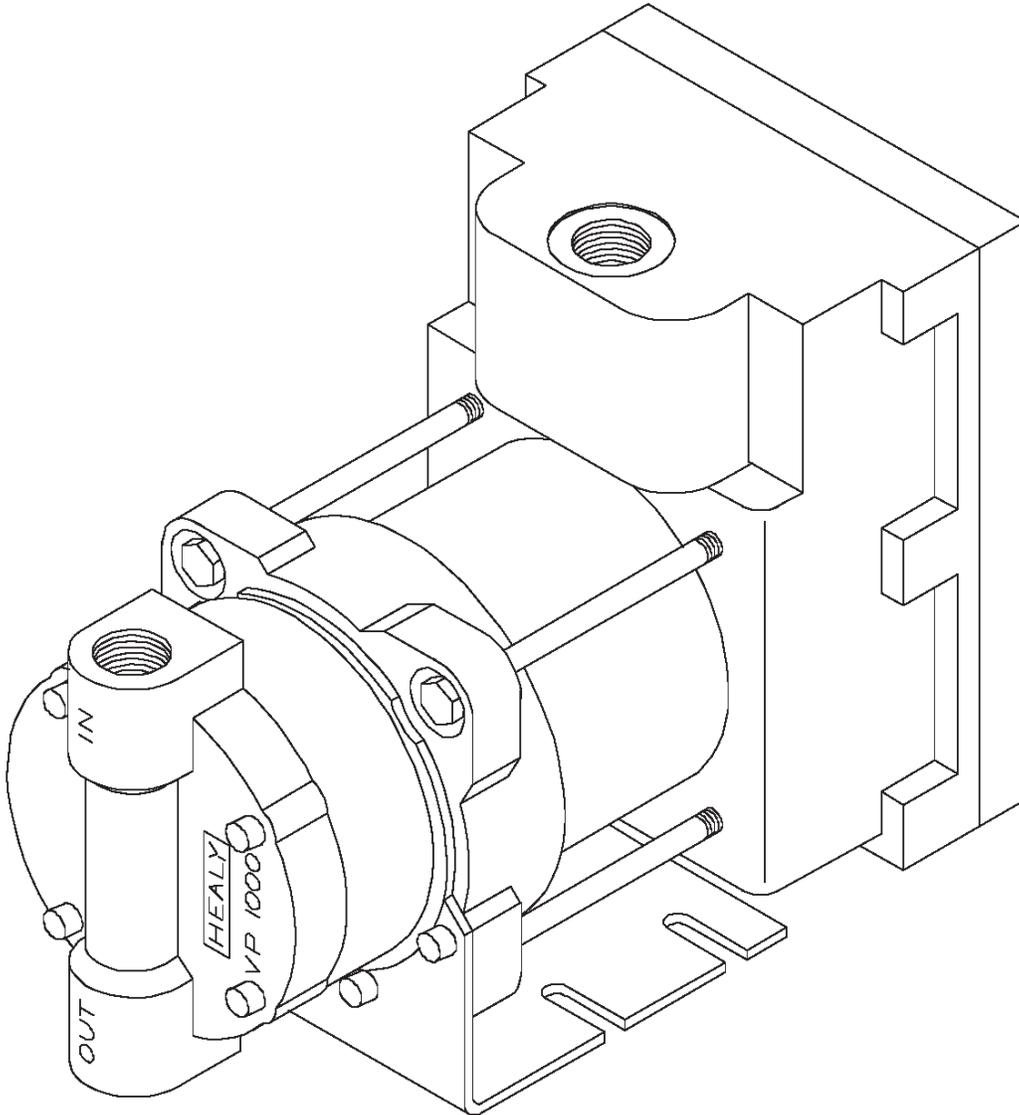
Figure 1A-16  
Healy Model 1301 Flow Limiter



Figure 1A-18  
Healy Model 1302 Flow Limiter

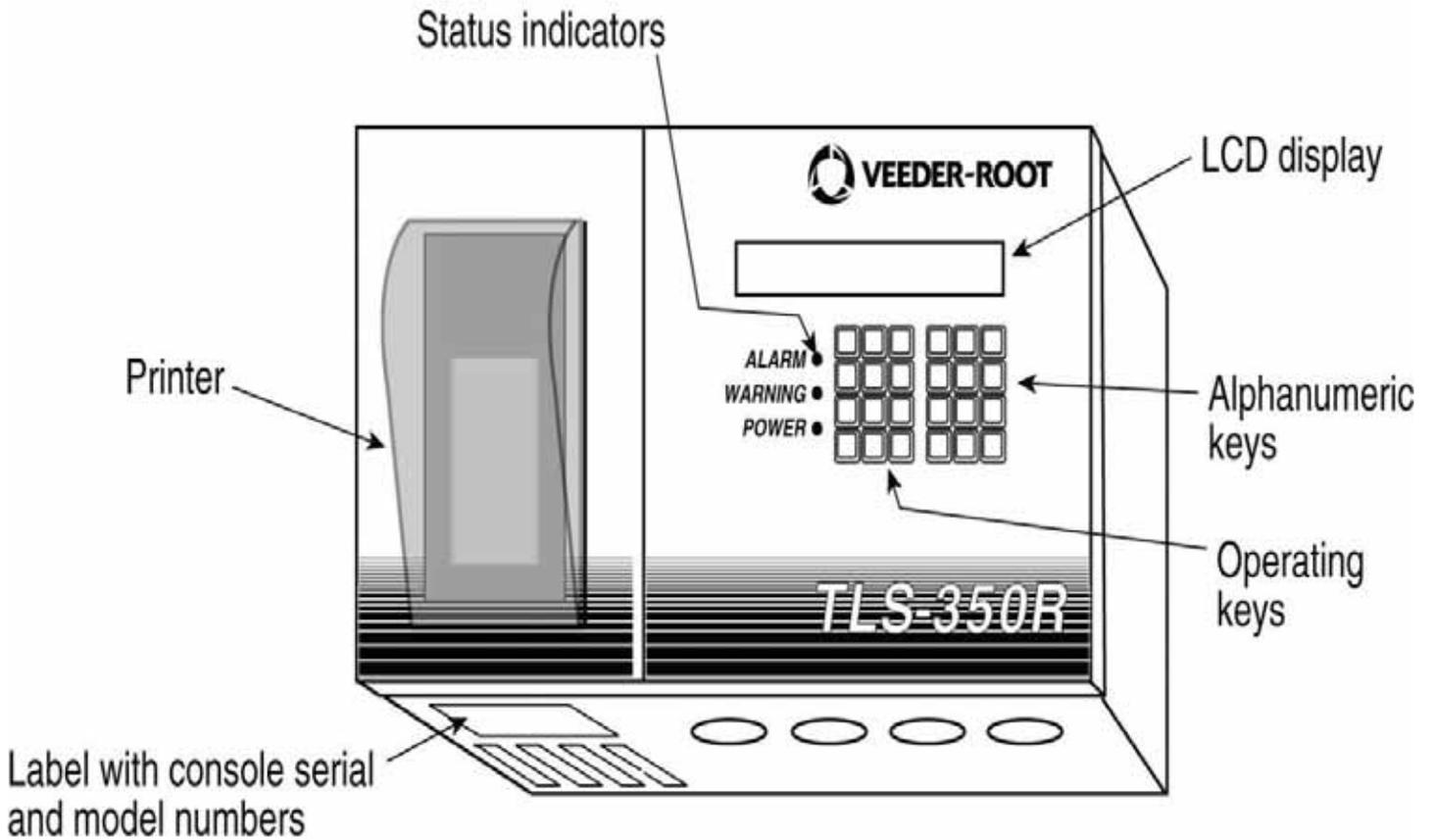
**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1  
Figure 1A-19  
Healy Model VP1000 Vacuum Pump**



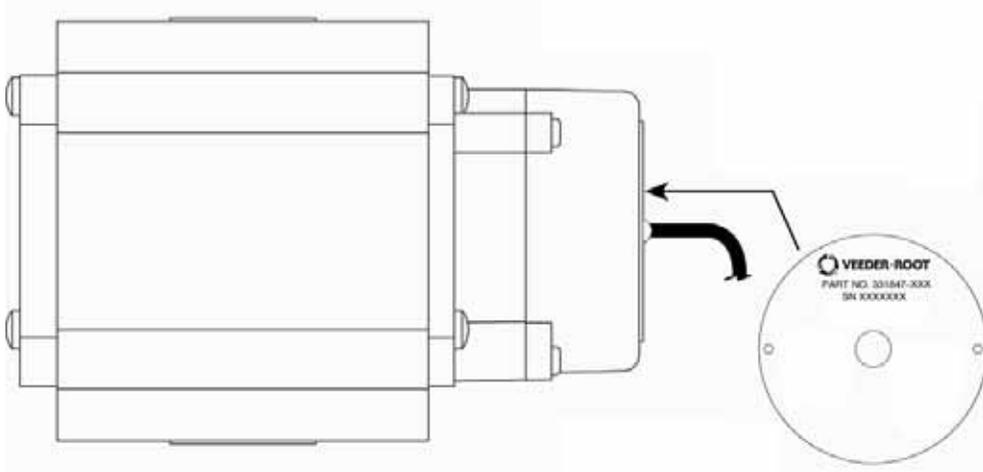
**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1  
Figure 1A-20  
Veeder-Root 8482XX-XXX  
Veeder-Root 7470XX-XXX  
Standard TLS Console**

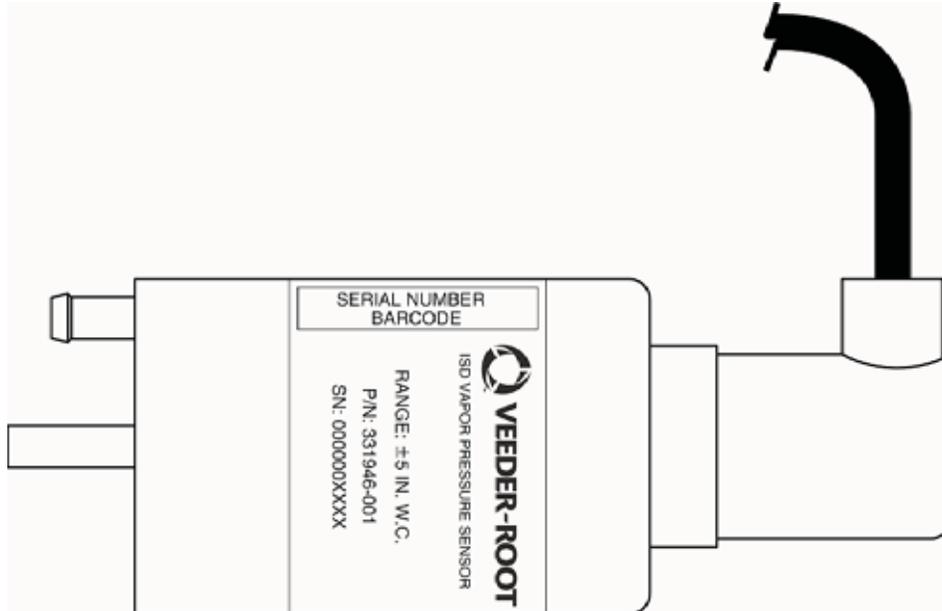


**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1**



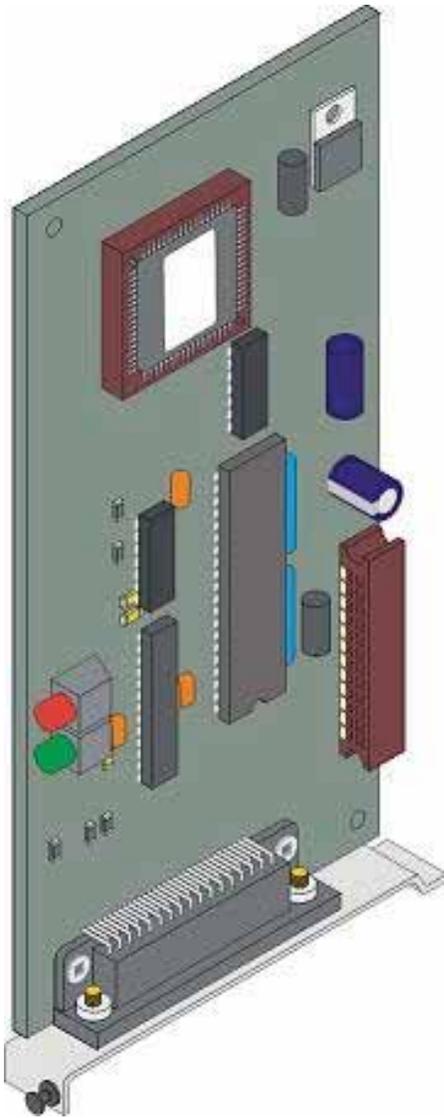
**Figure 1A-21  
Veeder-Root 331847-XXX  
Vapor Flow Meter**



**Figure 1A-22  
Veeder-Root 331946-001  
Vapor Pressure Sensor**

**Executive Order VR-202-D  
Healy Phase II EVR System  
Including Veeder-Root ISD**

**Exhibit 1**



**Figure 1A-23  
Veeder-Root  
Dispenser Interface Module (DIM)**



**Figure 1A-24  
Veeder-Root  
RS232 Interface Modules**