Executive Order VR-201-Z
Assist Phase II EVR System
Not Including ISD

Exhibit 1

Part 1 - Equipment List

<u>Component</u>	<u>Manufacturer/Model</u>

Nozzle   Healy Model 900
                    (Figures 1-1 and 1-2)

                    Note: Nozzle can have either a two position or three
                    position hold open clip (see Figure 1-1)

Processor (Only One Per GDF Installation)

   Active   ARID Technologies Model AT-150 Permeator
                    (Figure 1-19)

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

Inverted Coaxial Hoses Healy Model 75 Series Low Permeation Hose (3/4" I.D)
                    (Figure 1-5a)
                    75W-XXX-YZYZ-LP
                       Where:
                          W   = hose color (varies)
                              Note: Product label will have an "X" in this
                              position for all hose colors
                          XXX = hose length
                              First two digits = length in feet
                              Last digit = length in tenths of foot
                              Note: Product label will have "XXX" in this
                              position for hose length
                          Y   = hose end type
                              S = Swivel End
                              F = Fixed End
                          Z   = thread type
                              2 = Healy Straight Thread
                              3 = Metric Thread
                              4 = Balance-Type Thread

Component　　　　　　　**Manufacturer/Model**

**Inverted Coaxial Hoses
(continued)**

ContiTech[1] Futura HVR Series Low Permeation Hose (3/4" I.D)
(Figure 1-5b)
532-33W-X24-0YYZZ

　　Where:
　　　　W = hose color (varies)
　　　　X = fitting combination
　　　　　　2 = S2S2
　　　　　　3 = S3F2
　　　　　　4 = S4F2
　　　　　　5 = F2F2
　　　　　　6 = F3F2
　　　　　　7 = S2F2
　　　　　　8 = S4S2
　　　　Y = hose length in feet
　　　　Z = hose length in tenths of feet

VST V34EV ENVIRO-LOC™ Series Low Permeation Hose
(3/4" I.D)
(Figure 1-5c)
V34EV-XXX-VSVS or V34EV-XXX-HSHS or
V34EV-XXX-HSVS or V34EV-XXX-BRVS or
V34EV-XXX-BRHS
　　Where:
　　　　XXX　 = Length in inches (e.g. 096 = 96" length)
　　　　VSVS　= M34 thread / 2 swivels
　　　　HSHS　= 1-1/4" -18 Straight Thread / 2 swivels
　　　　HSVS　= 1-1/4" -18 Straight Thread Swivel / M34
　　　　　　　　　Thread Swivel
　　　　BRVS　= 1-7/8" - 12 Balance Thread Rigid / M34 Thread
　　　　　　　　　Swivel
　　　　BRHS　= 1-7/8" - 12 Balance Thread Rigid /1-1/4" -18
　　　　　　　　　Straight Thread Swivel

---

[1] Veyance brand name has changed to ContiTech.

Component	Manufacturer / Model
Dispenser Conversion Adaptors (Optional)[2]	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 EBW Model 303-301-01 (Figures 1-8 and 1-9) Note: Items marked with asterisk (*) are no longer manufactured, but may be used for dispenser retrofit.
Reconnectable Breakaway Coupling	Healy Model 8701VV (Figure 1-10a) Optional Covers P/N 761 and P/N 762 Healy Model 807 Swivel (Figure 1-10b) Catlow Model CTMCA (Figure 1-10c) VST Model VST-HEVR-SBK (Figure 1-10d) VST Model VST-ISVR-SBK (M34 type) (Figure 1-10e)
Flow Limiter[3]	Healy Model 1301 (Figures 1-11 and 1-12) Healy Model 1302 (Figures 1-13 and 1-14)
Dispenser Vacuum Pump	Healy Model VP1000 Vacuum Pump Healy/Franklin Electric Model VP1000 Vacuum Pump (Figure 1-15)
Control Module	Healy Model MC 100 (Figure 1-16)

---

[2] If optional components are installed or required by regulations of other agencies, the components and model numbers manufactured by Franklin Fueling Systems may be used to facilitate installation. The use of dispenser conversion adaptors not listed above may be used to facilitate installation provided that all applicable performance standards are met.

[3] 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[4]

Healy Kit VP1000R[5] or VP1000S[6]

Model#'s	Description:
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
NL0 NL1 NL2 NL3	Encore X+1 Blender
NN0 NN1 NN2 NN3	Encore X+0 Blender

GasBoy 9800 Series (Gilbarco)

Healy Kit VP1000M[7]

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:

---

[4] Encore Dispensers factory equipped with Healy VP1000 will now have an angled (~13°) outlet casting.
[5] Kit used to install Healy components in Encore Balance series dispenser. VP1000R previously sold as equivalent to VP1000L.
[6] Kit used to install Healy components in Encore Assist series dispenser. VP1000S previously sold as equivalent to VP1000K.
[7] Kit used to install Healy components in GasBoy 9800 series dispenser.

Component   **Manufacturer / Model**

Dispensers
(Continued)

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**

Dispensers
(Continued)

Wayne Harmony Series

Healy Kit VP1000N[8] or VP1000Q[9]

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[10]

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
          A   = Number of grades
                    1 = one grade
                    2 = two grades
                    3 = three grades
                    4 = four grades

---

[8] Kit used to install Healy components to Harmony Balance series dispenser.
[9] Kit used to install Healy components to Harmony Assist series dispenser.
[10] Kit used to install Healy components to Ovation Balance or Assist series dispenser. VP1000P previously sold as
     equivalent to VP1000C.

Component   **Manufacturer / Model**

Dispensers
(Continued)

                                        5 = five grades
                              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[11] & VP1000V[12]

            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)

---

[11] Kit used to install Healy components to 3V and 4V Vista series dispenser. VP1000T previously sold as equivalent to VP1000C.
[12] Kit used to install Healy components to 1V and 2V Vista series dispenser. VP1000V previously sold as equivalent to VP1000F.

Component **Manufacturer / Model**

Dispensers
(Continued)

Wayne Global Century & Select Series[13]

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
   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[14]

Model #'s | Description
/GABCDE/Suffix
  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

---

[13] Dispenser configuration only available for purchase from Dresser Wayne. There is no Kit for retrofit of these dispenser types.
[14] Dispenser configuration only available for purchase from Dresser Wayne. There is no Kit for retrofit of this dispenser type.

Component **Manufacturer / Model**

Dispensers
(Continued)

$$3 = \text{Twin II, Island-Oriented}$$

E = Dispenser Type

D= Dispenser-Remote

Suffix = Any combination of letters or numbers

FFS/Healy Universal Retrofit Manual[15]

Healy Kits = VP1000A[16]

= VP1000D[17]

= VP1000G[18]

= VP1000H[19]

= VP1000J[20]

= Z071V[21]

= Z070E[22]

= Z008[23]

= Z009[24]

---

[15] Any dispenser not currently listed in Exhibit 1 can be upgraded to Healy EVR using one of the kits listed in this section.

[16] 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.

[17] Early Gilbarco Encore 300 Blender Dispensers – 120 VAC valves (mfg. before 04/2003).

[18] Wayne DL Non-Blender Dispensers – 120 VAC valves.

[19] Tokheim Premier C Blender Dispensers – 24 VDC valves.

[20] Early Tokheim Blender Dispensers – Combination 120 VAC & 24 VDC valves.

[21] Universal Vapor Kit.

[22] Universal Electrical Kit.

[23] Standard Low Profile Single Hose Dispenser Retrofit Kit.

[24] Standard Low Profile Dual Hose Dispenser Retrofit Kit.

Component   **Manufacturer / Model**

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

Maintenance Tracker Kit (Optional)   Veeder-Root 330020-546

Consists of the following:
- Maintenance Tracker Technician Key (Figure 1-17)
- Interface Module RS232/485 Dual Module with DB9 Converter or Single Port Module with DB-25 converter (Figure 1-18)
- Manual

Healy Model 900 EVR Nozzle

FIGURE 1-1
(Drawing)

FIGURE 1-2
(Image)

VAPOR
COLLECTION
BOOT

NOZZLE SERIAL
NUMBER LOCATION
(LAY NOZZLE ON
SIDE TO SEE INFO)

HEALY MODEL 900
SN. XX YY Z

XX = WEEK (i.e. 37)
YY = YEAR (i.e. 06)
Z = SEQUENTIAL
NUMBER
(i.e. 1,2,...,9999)

900

HEALY

OR

TWO POSITION
HOLD OPEN CLIP

THREE POSITION
HOLD OPEN CLIP
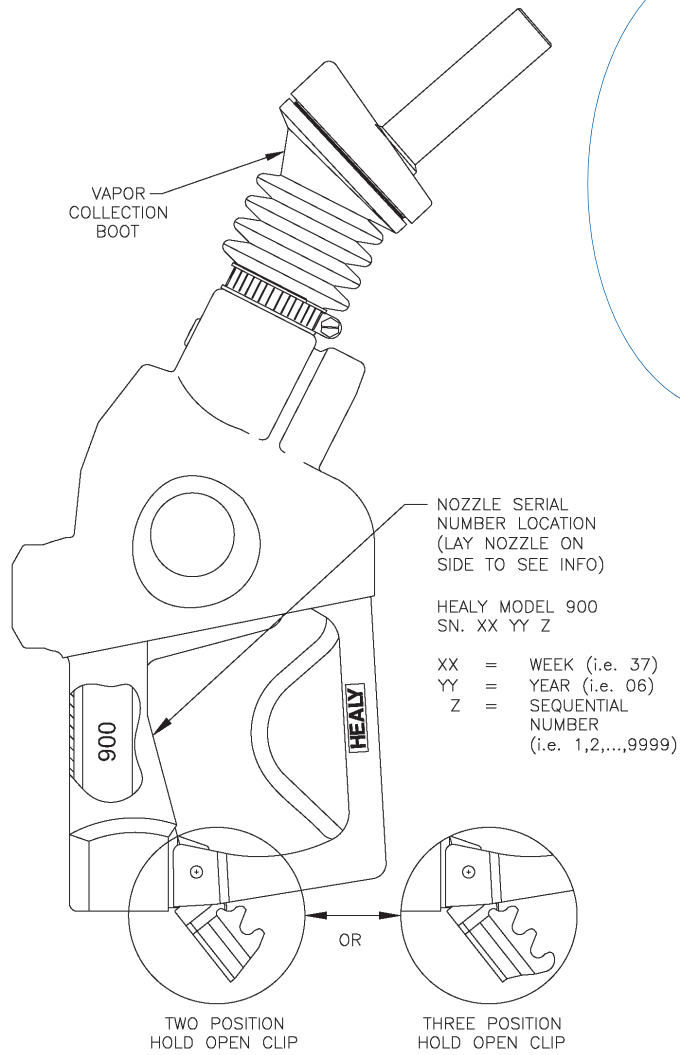
FIGURE 1-3
Healy Model 9961 Clean Air Separator
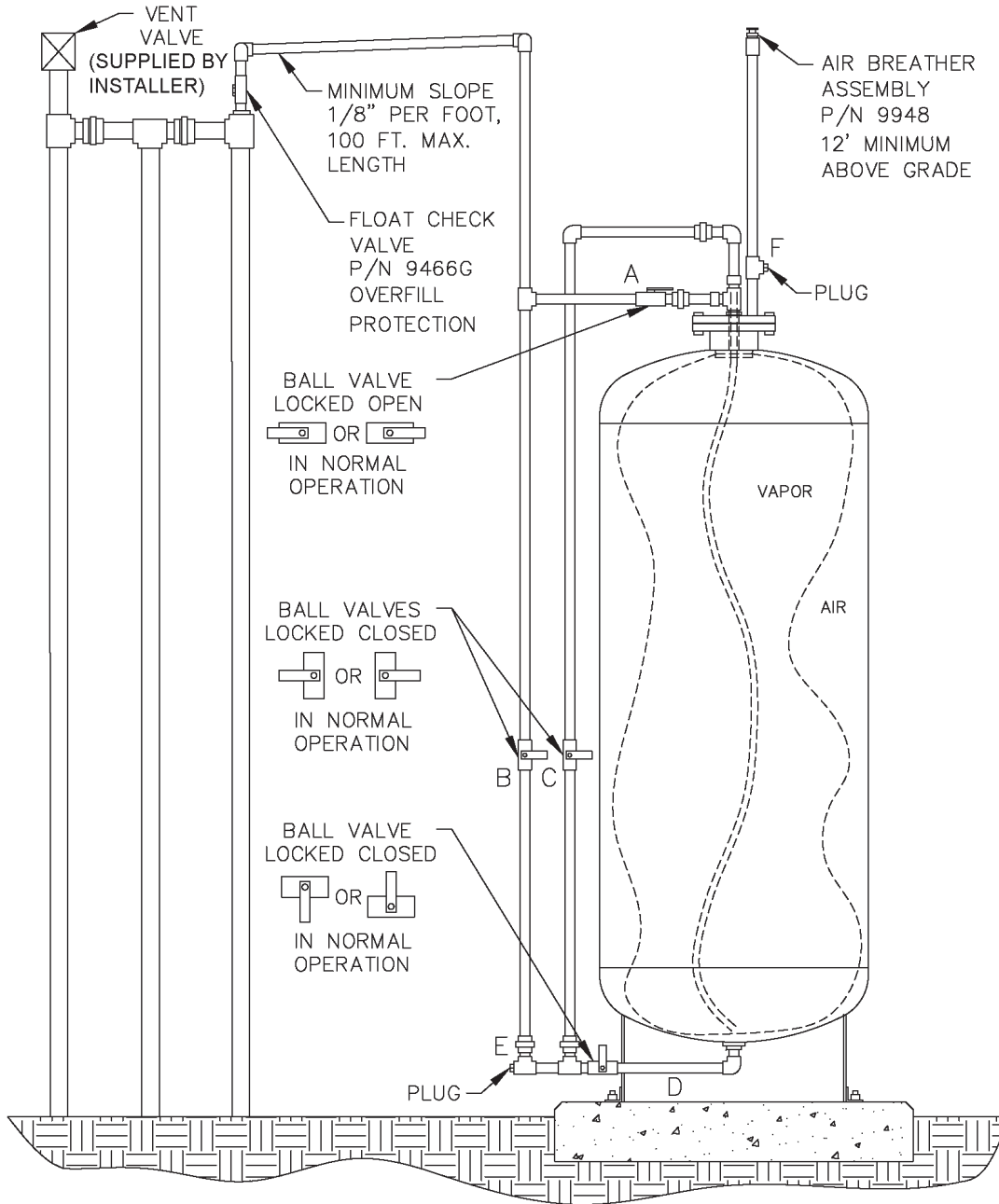
FIGURE 1-3H
Healy Model 9961H Clean Air Separator
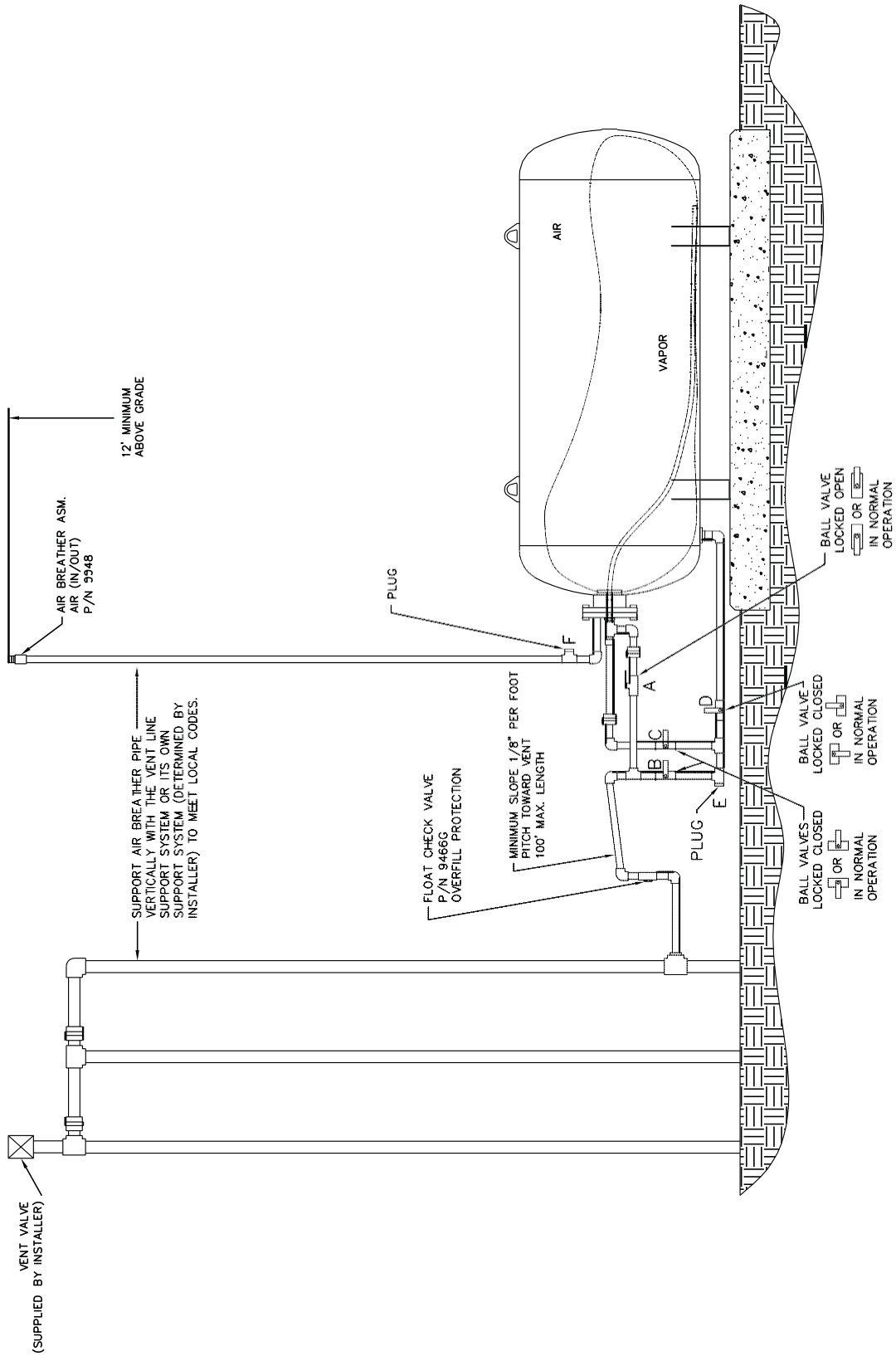
FIGURE 1-4
Healy Model 9961 Clean Air Separator

Clean Air Separator Name Plate

Clean Air Separator Data Plate

FIGURE 1-4H
Healy Model 9961-H Clean Air Separator

Clean Air Separator Name Plate

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

Figure 1-5a
Healy Model 75 Series Low Permeation Hose Assembly
(hose and lay line colors may vary)
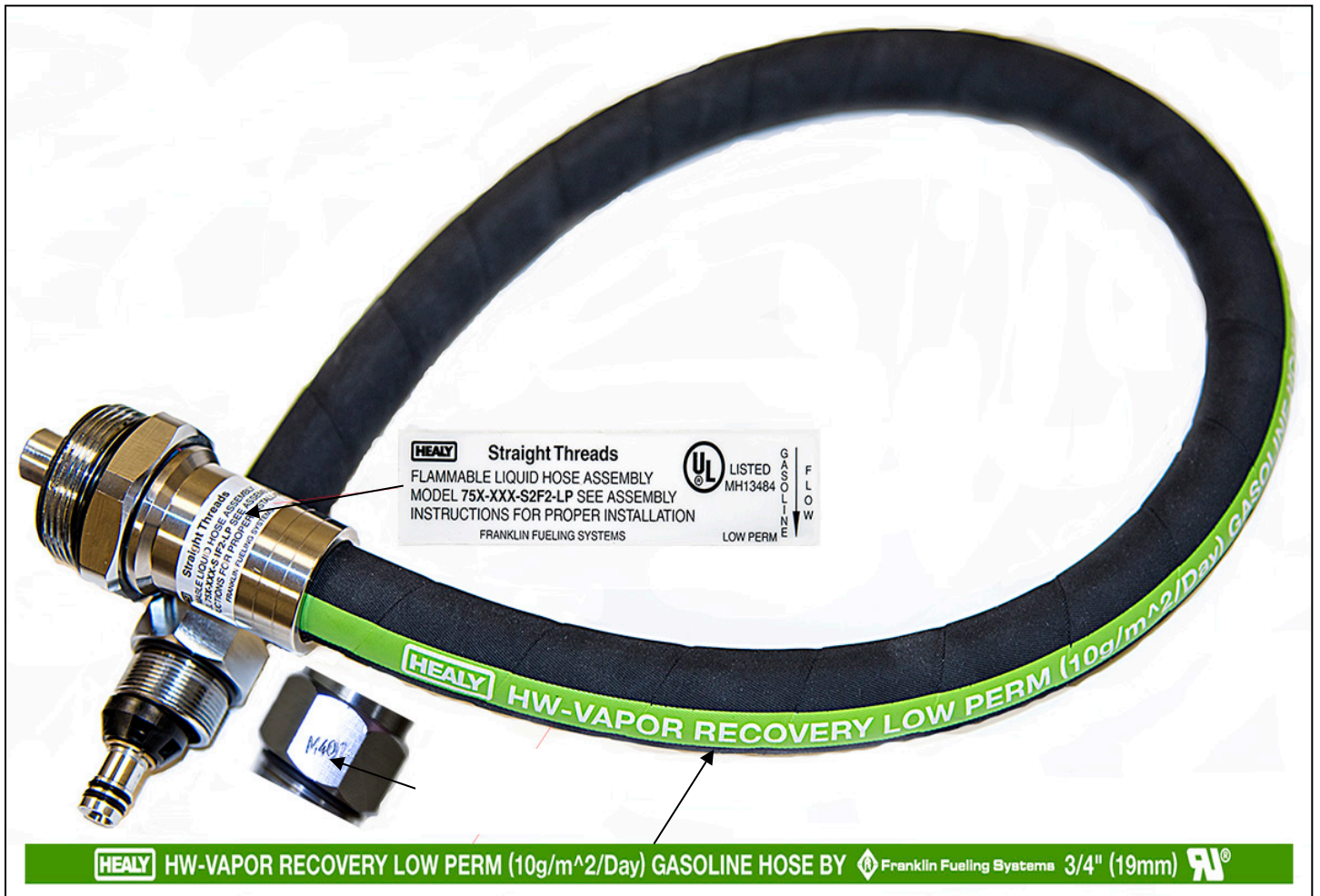
Figure 1-5b
ContiTech Futura HVR Low Perm Series Hose
(hose and lay line colors may vary)

Serial Number

ContiTech USA, Inc.
703 S. Cleveland Massillion Rd.
Fairlawn, OH 44333 USA
Telephone: 1-800-235-4632

Figure 1-5c
VST V34EV ENVIRO-LOC™ Series Low Permeation Hose
(hose and lay line colors may vary)

FIGURE 1-6
Hanging Hardware Selection Options
Breakaway and 1301 Flow Limiter

COAXIAL
HEALY OUTLET
CASTINGS
1 1/4 STRAIGHT THREAD
CX6-A, CX6-VV 1A,
CX6-VV 2A, CX6-VV 3A

COAXIAL
VAPORVAC OR
WAYNEVAC
M34 STRAIGHT THREAD
OUTLET CASTING

COAXIAL
BALANCE
OUTLET CASTING

F2
FITTING

S2
FITTING

F3
FITTING

S3
FITTING

S4
FITTING

GASOLINE FLOW

F2
FITTING

S2
FITTING

BREAKAWAY

FLOW LIMITER
(OPTIONAL)

F2
FITTING

S2
FITTING

S2
FITTING

NOZZLE
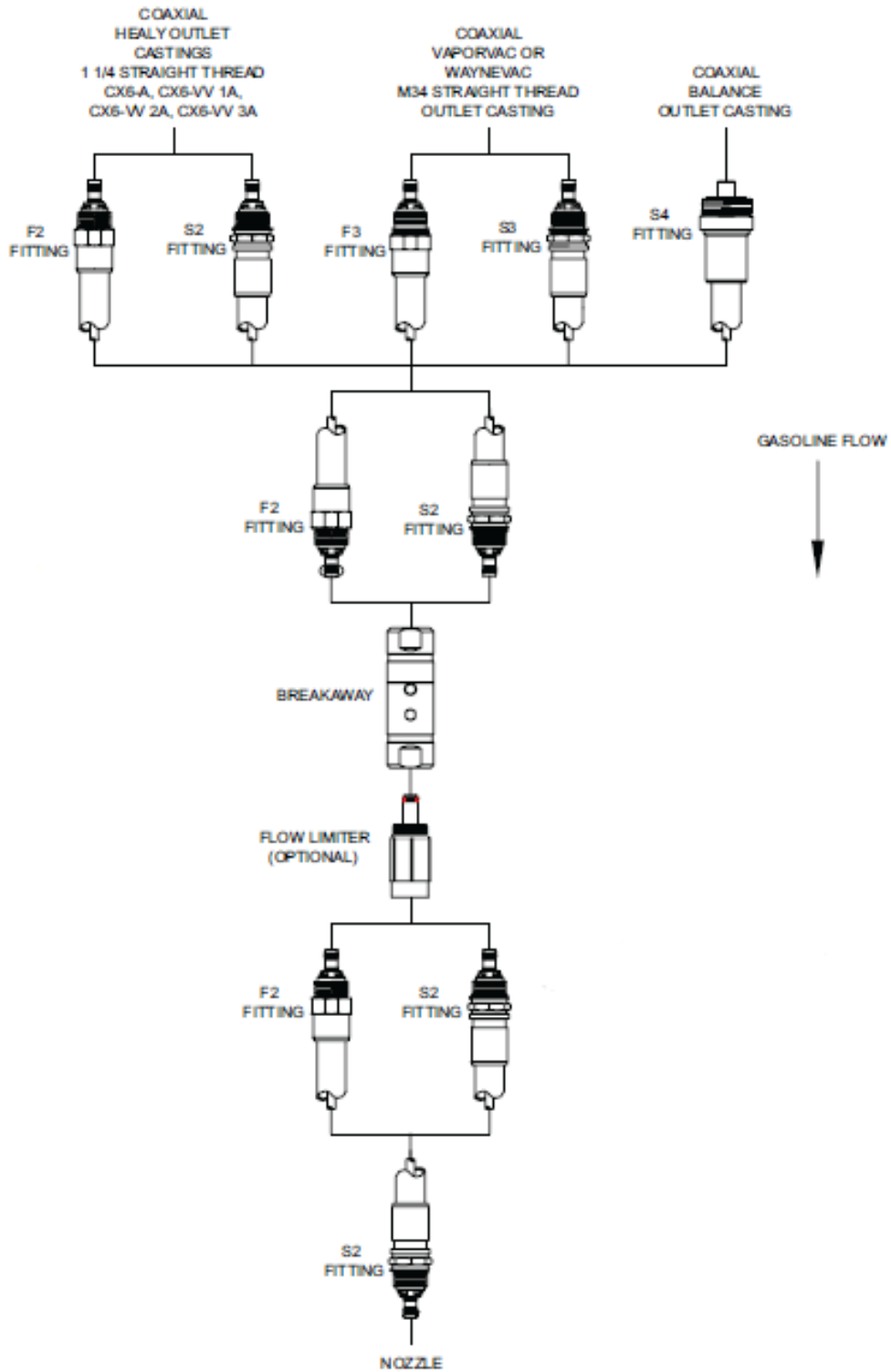
FIGURE 1-7
Hanging Hardware Selection Options
Model 807 Swivel Breakaway and 1302 Flow Limiter
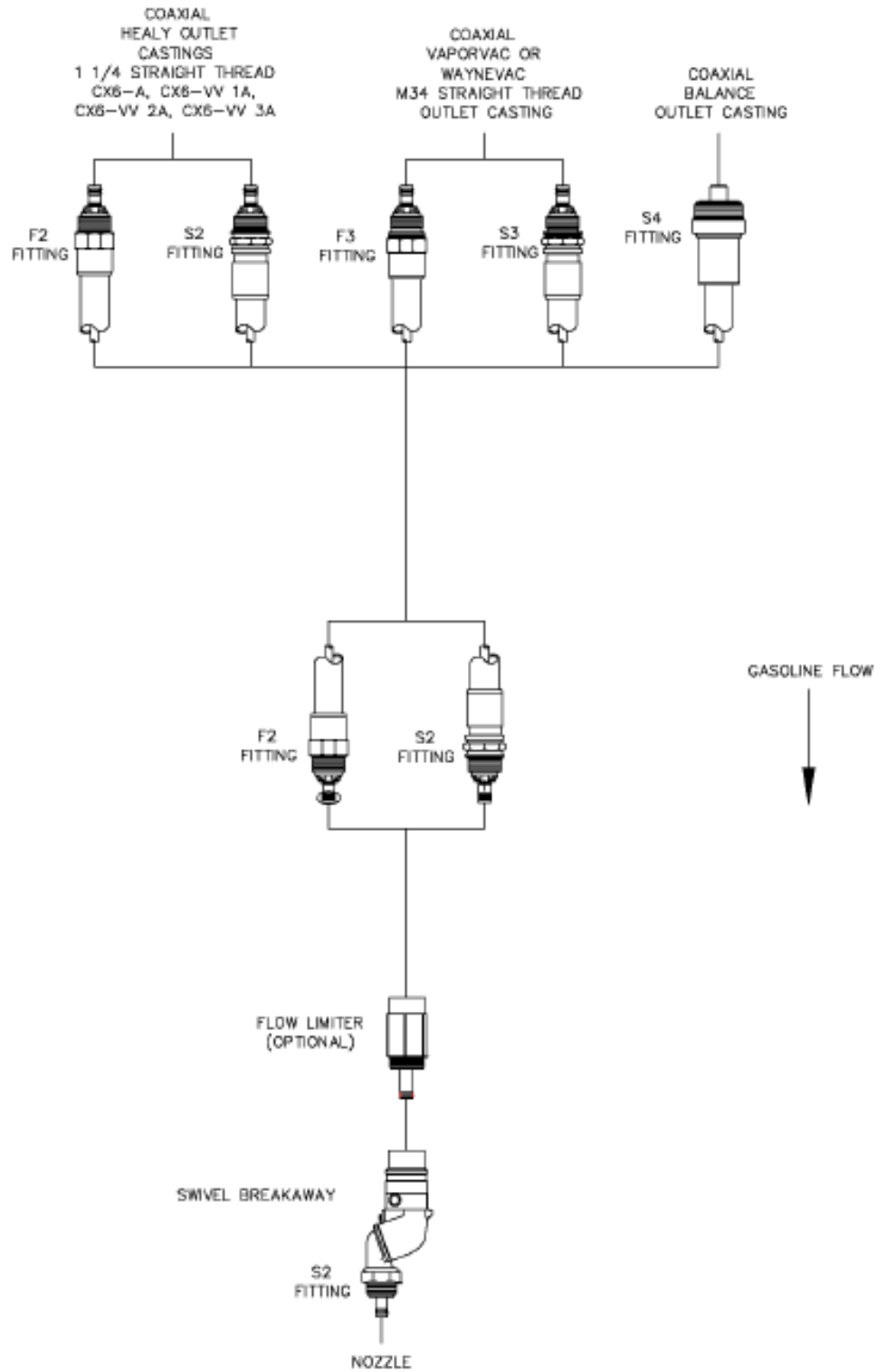
Dispenser Conversion Adaptors

FIGURE 1-8
Healy Model CX6-A
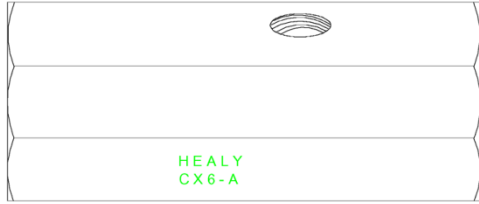
HEALY
CX6-A

FIGURE 1-8
Healy Model CX6-A

FIGURE 1-8
Healy Model CX6-VV1A

HEALY
CX6-VV1A

FIGURE 1-8
Healy Model CX6-VV2A

CX6-VV2A
RECOVERY SYSTEM ACCESSO
STRAIGHT THREADS TH
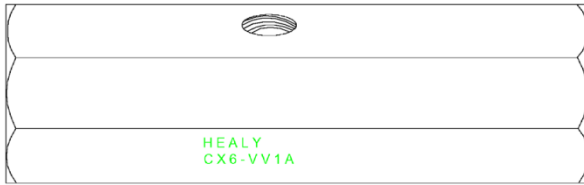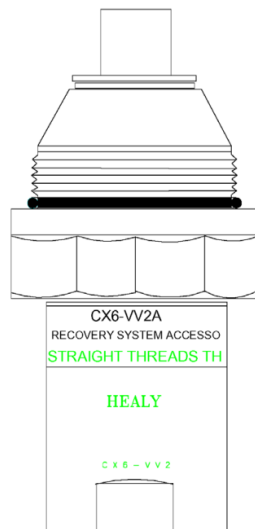
HEALY

CX6-VV2

Dispenser Conversion Adaptors

FIGURE 1-9
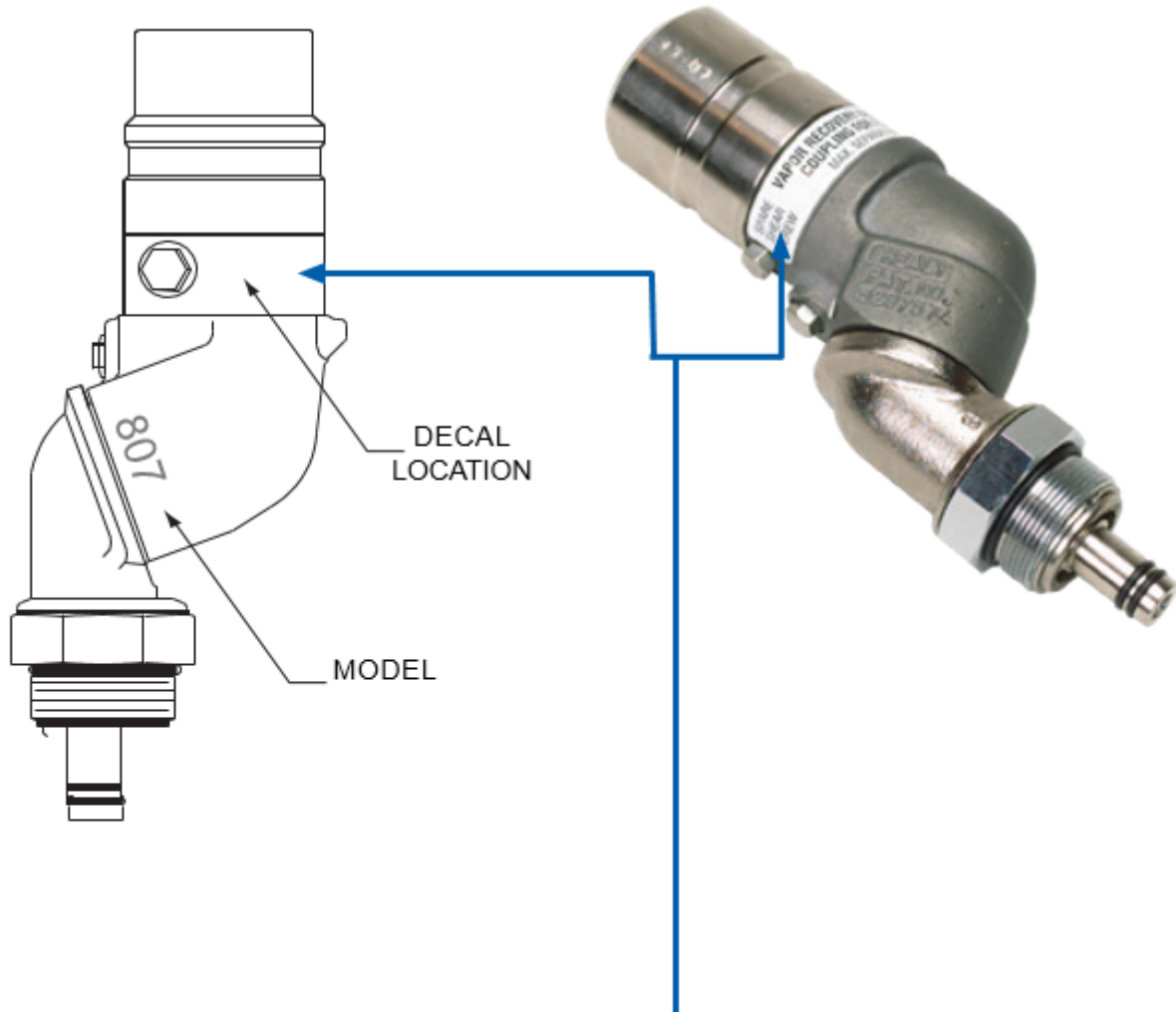**Healy Model CX6-VV3A**
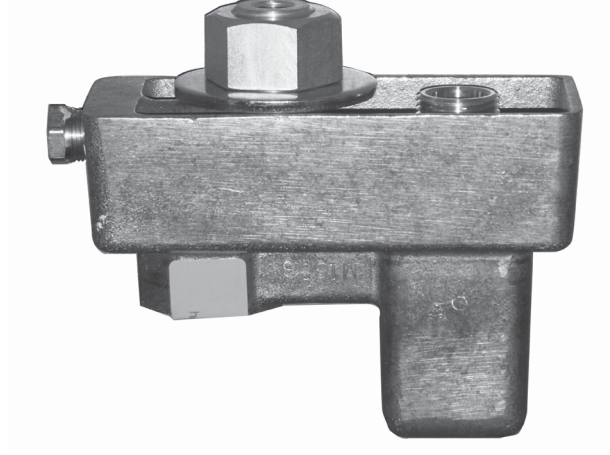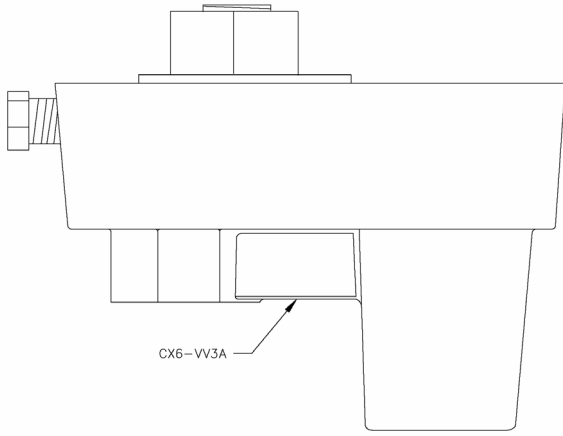
FIGURE 1-9
EBW Model 303-301-01
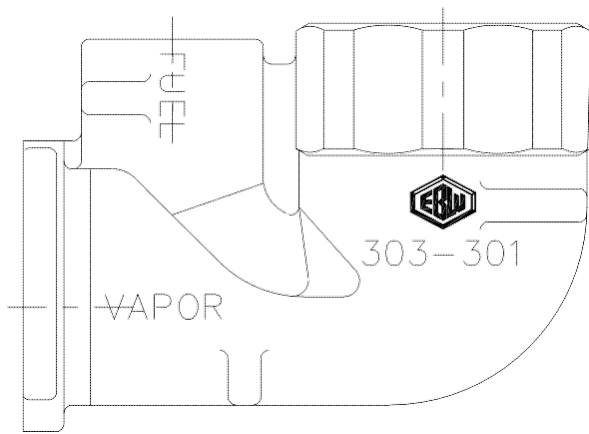
FIGURE 1-10a
Healy Model 8701VV Breakaway

DECAL
LOCATION

BREAKAWAY COUPLING 8701-VV
VAPOR RECOVERY EMERGENCY BREAKAWAY
COUPLING FOR FLAMABLE LIQUIDS

BREAKS AT NOT MORE THAN 350 LBS.
WARNING: SEE INSTRUCTIONS
PRIOR TO INSTALLATION
LISTED 9M59 | GASOLINE FLOW ↓ | SPARE PIN →
HEALY HEALY SYSTEMS INC. HUDSON, N.H.
STRAIGHT THREADS BOTH ENDS
P/N 765 REV F   VENDOR ID

**DECAL SHOWN LARGER
FOR READABILITY**

Optional Covers
P/N 761 & P/N 762

HEALY
SPARE
P/N 761

HEALY
P/N 762

FIGURE 1-10b
Healy Model 807 Swivel Breakaway

DECAL LOCATION

MODEL

807

FLOW	VAPOR RECOVERY EMERGENCY BREAKAWAY		SPARE

FLOW VAPOR RECOVERY EMERGENCY BREAKAWAY
COUPLING FOR FLAMMABLE LIQUIDS (UL)MODEL SPARE SHEAR SCREW
STRAIGHT THDS. MAX. SEPARATION FORCE 350# LISTED 9M59 807 LBL P/N 893
BOTH ENDS FRANKLIN FUELING SYSTEMS MADISON WI

FLOW VAPOR RECOVERY EMERGENCY BREAKAWAY
COUPLING FOR FLAMMABLE LIQUIDS (UL) MODEL SPARE SHEAR SCREW
STRAIGHT THDS. MAX. SEPARATION FORCE 350# LISTED 9M59 807 LBL P/N 893
BOTH ENDS Healy Systems Inc. Hudson, N.H. 03051

DECALS SHOWN LARGER FOR READABILITY

EITHER LABEL MAY APPLY

FIGURE 1-10c
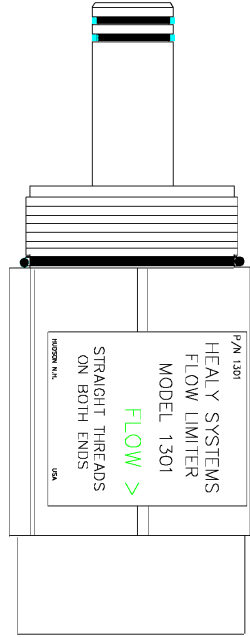**Catlow Model CTMCA Breakaway**

FIGURE 1-10d
VST Model VST-HEVR-SBK Breakaway

FIGURE 1-10e
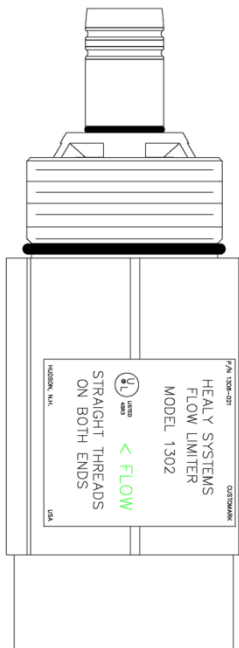**VST Model VST-ISVR-SBK Breakaway**
(M34 type)

FIGURE 1-11
Healy Model 1301 Flow Limiter
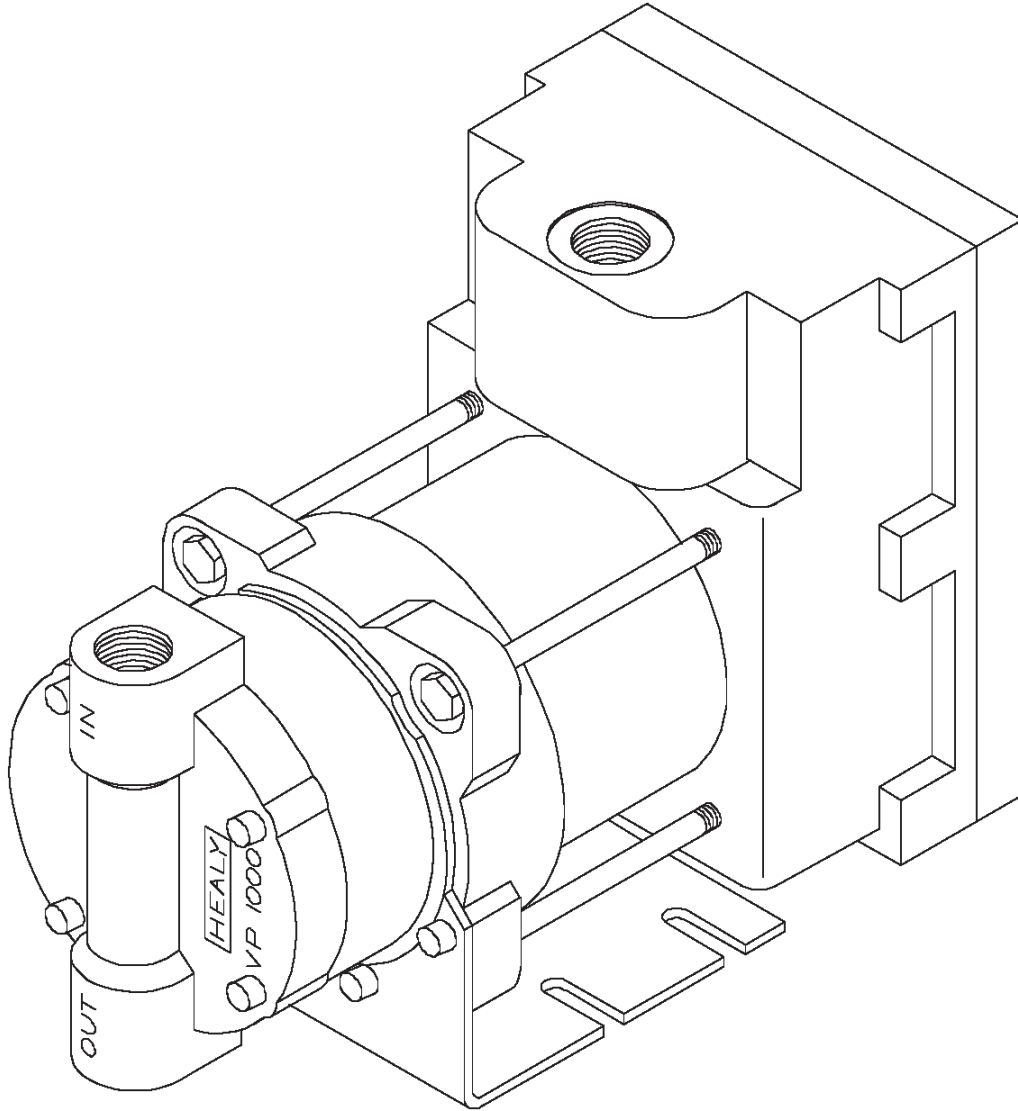

FIGURE 1-12
Healy Model 1301 Flow Limiter

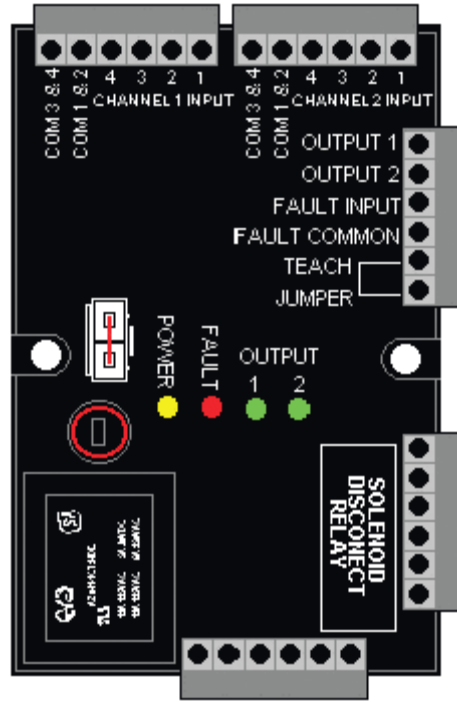**FIGURE 1-13**
Healy Model 1302 Flow Limiter

FIGURE 1-14
Healy Model 1302 Flow Limiter

FIGURE 1-15
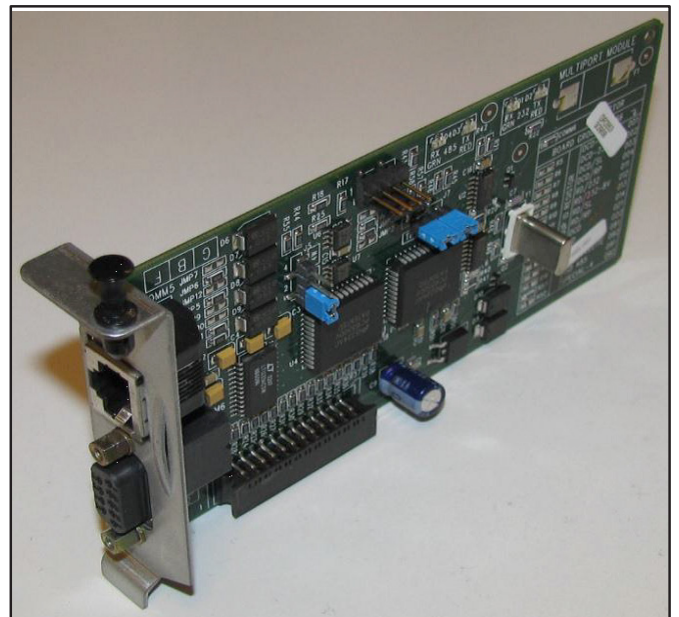**Healy Model VP1000 Vacuum Pump**

FIGURE 1-16
MC 100 Control Module

FIGURE 1-17
Maintenance Tracker Technician Key

FIGURE 1-18
Interface Module RS232/485
Dual Module with DB9 Converter or
Single Port Module with DB-25 converter

FIGURE 1-19
ARID Permeator AT-150

Serial Number Location (inside cabinet on left door)

Part 2 - Vapor Equipment List for Liquid Condensate Trap
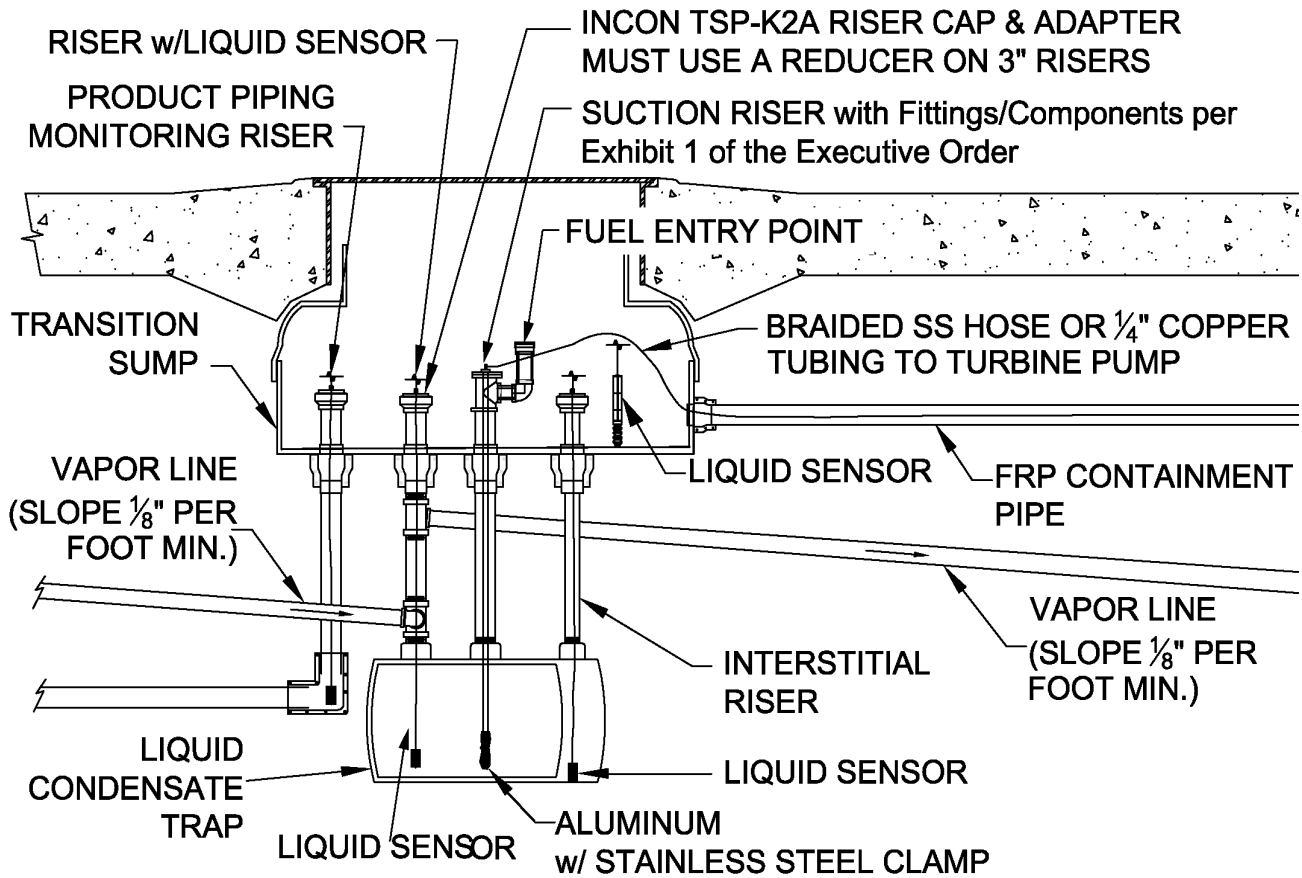## Figures 1A-LCT-1 and 1A-LCT-2

Component	Manufacturer/Model
Riser Adapter	INCON model TSP-K2A
In-Line Filter	140 micron, Swagelok B-4F2-140 or SS-4F2-140, or equivalent
Screen	Aluminum Insect screen (18X14 mesh), or Stainless Steel Insect screen (18X18 mesh).
Stainless Steel Hose Clamp	Sized to secure screen to suction tube.
Liquid Sensor [1]	Must have an audible and visual alarm
Liquid Condensate Trap [1]	Any capacity, manufacturer, make and model

---

[1] Must meet applicable State Water Resources Control Board requirements (*e.g.* LG-113, LG-167 and LG-169) and any local authority having jurisdiction which includes the Certified Unified Program Agency (CUPA).

FIGURE 1A-LCT-1
Typical Liquid Condensate Trap Installed Below the Transition Sump

RISER w/LIQUID SENSOR

PRODUCT PIPING
MONITORING RISER

INCON TSP-K2A RISER CAP & ADAPTER
MUST USE A REDUCER ON 3" RISERS

SUCTION RISER with Fittings/Components per
Exhibit 1 of the Executive Order

FUEL ENTRY POINT

TRANSITION
SUMP

BRAIDED SS HOSE OR ¼" COPPER
TUBING TO TURBINE PUMP

VAPOR LINE
(SLOPE ⅛" PER
FOOT MIN.)

LIQUID SENSOR

FRP CONTAINMENT
PIPE

VAPOR LINE
(SLOPE ⅛" PER
FOOT MIN.)

INTERSTITIAL
RISER

LIQUID
CONDENSATE
TRAP

LIQUID SENSOR

LIQUID SENSOR

ALUMINUM
w/ STAINLESS STEEL CLAMP

FIGURE 1A-LCT-2
Typical Liquid Condensate Trap Installed Inside the Transition Sump

Note: A Liquid Condensate Trap installed inside a liquid AND vapor tight transition sump that is monitored with a liquid sensor can be single walled (if installed before July 1, 2004).