

California Environmental Protection Agency



ARB Approved

Installation, Operation and Maintenance Manual

for

Executive Orders

VR-201-N

(Healy Phase II EVR System)

and

VR-202-N

(Healy Phase II EVR System Including
In-Station Diagnostic (ISD) Systems)

NOTICE:

The **ARB Approved Installation, Operation and Maintenance Manual for VR-201-N and VR-202-N** describes the tools, method and skill levels required to install both the **Healy Phase II EVR System Not Including ISD, ARB Executive Order VR-201-N** and the **Healy Phase II EVR System Including ISD Systems, ARB Executive Order VR-202-N**.

Unless specified otherwise, only skilled technicians that are trained, certified and licensed by Franklin Fueling Systems (i.e. Healy or INCON Certified Technicians) are able to perform installation, maintenance or repairs of components manufactured by Franklin Fueling Systems or warranty will be void. However, GDF Owner / Operator can remove and install hanging hardware (nozzle, curb hose, breakaway, flow limiter and whip hose).

It is the responsibility of each Healy Certified Technician to be familiar with the current requirements of state, federal, local codes and air district rules and regulations for installation and repair of gasoline dispensing equipment.

It is also the responsibility of the Healy Certified Technician to be aware of all the necessary safety precautions and site safety requirements to assure a safe and trouble free installation.

Unless specified otherwise, only skilled technicians that are trained, certified and licensed by Veeder-Root are able to perform installation, maintenance or repairs of components manufactured by

Veeder-Root, or warranty will be void.

It is the responsibility of each Veeder-Root technician to be familiar with the current requirements of state, federal, local codes and air district rules and regulations for installation and repair of gasoline dispensing equipment.

It is also the responsibility of the Veeder-Root technician to be aware of all the necessary safety precautions and site safety requirements to assure a safe and trouble free installation.

It is the responsibility of each INCON Certified Technician to be familiar with the current requirements of state, federal, local codes and air district rules and regulations for installation and repair of gasoline dispensing equipment.

It is also the responsibility of the INCON Certified Technician to be aware of all the necessary safety precautions and site safety requirements to assure a safe and trouble free installation.

A copy of the Veeder-Root In-Station Diagnostic System Troubleshooting Guide can be found at

<http://www.veeder.com/object/577013-819.html>.

A Copy of the INCON VRM Troubleshooting and Diagnostics Guide can be found at

http://www.franklinfueling.com/service/pdfs/fms/0000529_VRM_TroubleshootingGuide.pdf.

A copy of the Healy EVR Troubleshooting Guide can be found at

http://www.franklinfueling.com/service/pdfs/dis/405274001_HealyEVR_TroubleshootingGuide.pdf.

To confirm a Healy or INCON Certified Technician training status, a regulator can access a searchable database at the following web site:

<http://techlab.franklinfueling.com>

To confirm Veeder-Root TLS or ISD training a regulator should send an email to technicaltraining@gilbarco.com with the name (and company) of the ASC to obtain verification of the ASC TLS/ISD training status or call 800-997-7725 and press “4” to get to the Veeder-Root menu and then “*” to speak to a representative or sign on to the Gilbarco Learning Suite at <http://wise.gilbarco.com>.

Table of Contents

Healy Installation, Operation and Maintenance Manual¹

Component	IOM Section	Manufacturer/Model	Starts on Page
Scheduled Maintenance			
	2	Healy Phase II EVR System	4
Nozzle			
	3	Healy Model 900	17
Clean Air Separator Pressure Management System			
	4	Healy Model 9961 and 9961H	27
Inverted Coaxial Hoses			
	5	Healy Model 75 Series	39
Hose Adaptors			
	6	Healy Model CX6 Series	42
Reconnectable Breakaway Couplings			
	7	Healy Model 8701VV	43
	8	Healy Model 807	48
Flow Limiters			
	9	Healy Model 1301	49
	10	Healy Model 1302	50
Dispensers with Healy Model VP1000 Vacuum Pump			
	11	Gilbarco Encore 300 & 500 Series ²	51
	12	Gilbarco GasBoy 9800 Series	84
	13	Wayne Harmony Series (Balance)	104
	14	Wayne Harmony Series (Assist)	123
	15	Wayne Ovation Series	143

¹ All components listed on this page of the Table of Contents are applicable to both Executive Order VR-201-N (Healy Phase II EVR System Not Including ISD) and Executive Order VR-202-N (Healy Phase II EVR Systems with In-Station Diagnostics Systems).

² An additional section, Section 18 has been added which provides instruction on how to install the VP1000 vacuum pump in the dispenser cabinet to allow for the ISD flow meter to be installed above the vapor shear valve.

³ Component optional for vapor recovery system configuration; other requirements may apply

Component	IOM Section	Manufacturer/Model	Starts on Page
	16	Wayne Vista Series	167
	17	Wayne Global Century, Select and Reliance Series	184
	18	Healy Universal Manual	201
Liquid Condensate Trap ³	19		223
In-Station Diagnostics (ISD) Systems			
	20	Veeder-Root ISD Install, Setup, & Operation Manual	248
	21	Veeder-Root ISD Vapor Flow Meter Installation Manual	310
	22	Veeder-Root ISD Pressure Sensor Installation Guide	325
	23	INCON Vapor Recovery Monitoring (VRM) Installation, Operation, & Maintenance Manual	345
	24	INCON Vapor Flow Meter (VFM) Installation Guide	379
	25	INCON Vapor Pressure Sensor (VPS) Installation Guide	381
	26	INCON Data Transfer Unit Dispenser Retrofit Manual	383
	27	INCON Console DTU (Data Transfer Unit) Installation Instructions	423
	28	TLS RF Wireless 2 Systems (W2) Installation and Maintenance Guide	427
	29	FFS Thermal Printer Model TSSP-TMPTR Retrofit/Installation Instructions	480

⁴ All components listed on this page of the Table of Contents are ONLY applicable to Executive Order VR-202-N (Healy Phase II EVR System with In-Station Diagnostics Systems).