



CARB Approved

Installation, Operation and Maintenance Manual

for

Executive Order

VR-202-AA

(Assist Phase II EVR System

Including

In-Station Diagnostic (ISD) Systems)

NOTICE:

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

In addition to the training requirements below, the contractor is responsible for providing the warranty tag, included with each component, to the service station owner/operator at the time of installation. Additional certification may be required in accordance with local district requirements.

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.

It is the responsibility of each Certified Permeator Technician (CPT) 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 CPT 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 ARID Technologies, Inc. (ARID) are able to perform installation, maintenance or repairs of components manufactured by ARID or warranty will be void.

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>.

To confirm a CPT training status, a regulator can contact ARID Technologies, Inc. at 630-681-8500.

TABLE OF CONTENTS

Assist Phase II EVR System Installation, Operation and Maintenance Manual

Component	IOM	Manufacturer/Model
Scheduled Maintenance	1	Assist Phase II EVR System
Nozzle	2	Healy Model 900
Pressure Management System Options (only one per station allowed)		
Option 1: Franklin Fueling Systems	3	Healy Model 9961 and 9961H Clean Air Separator
Option 2: ARID Technologies	12	Permeator Model AT-150
Inverted Coaxial Hoses	4	Healy 75 Series Low Perm ContiTech Futura HVR Low Perm VST V34EV ENVIRO-LOC Low Perm
Hose Adaptors	5	Healy Model CX6 Series
Re-connectable Breakaway Couplings	6	Healy Model 8701VV Healy Model 807 Swivel Catlow Model CTMCA VST Model VST-HEVR-SBK VST Model VST-ISVR-SBK (M34 type)
Flow Limiters	7	Healy Model 1301 Healy Model 1302

**Dispensers with Healy Model VP1000
Vacuum Pump**

- 8 Gilbarco Encore 300 & 500 Series
Gilbarco GasBoy 9800 Series
Wayne Harmony Series (Balance)
Wayne Harmony Series (Assist)
Wayne Ovation Series
Wayne Vista Series
Wayne Global Century
Healy Universal Manual

Liquid Condensate Trap¹	9	
In-Station Diagnostics (ISD) Systems²		
Veeder Root In-Station Diagnostics (ISD)	10	Veeder-Root ISD Install, Setup, & Operation Manual Veeder-Root ISD Vapor Flow Meter Installation Manual Veeder-Root ISD Pressure Sensor Installation Guide Veeder Root TLS RF Wireless 2 Systems (W2) Installation and Maintenance Guide
INCON/FFS Vapor Recovery Monitoring (VRM)	11	INCON Vapor Recovery Monitoring (VRM) Installation, Operation, & Maintenance Manual INCON Vapor Flow Meter (VFM) Installation Guide INCON Vapor Pressure Sensor (VPS) Installation Guide INCON Data Transfer Unit Dispenser Retrofit Manual INCON Console DTU (Data Transfer Unit) Installation Instructions INCON/FFS Thermal Printer Model TSSP- TMPTR Retrofit/Installation Instructions

¹ Component optional for vapor recovery system configuration; other requirements may apply

² All components listed under ISD components of the Table of Contents are ONLY applicable to Executive Order VR-202 (Assist Phase II EVR System with In-Station Diagnostics Systems).