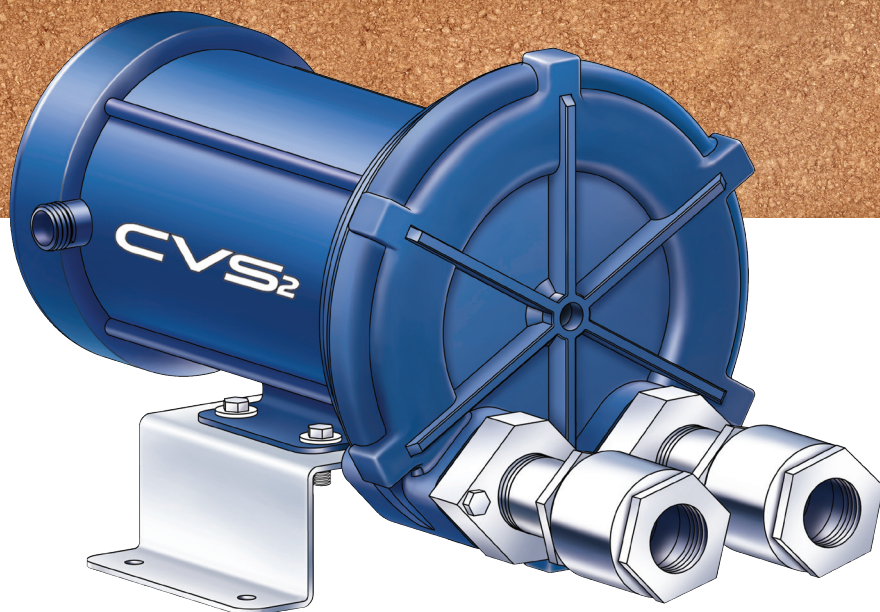
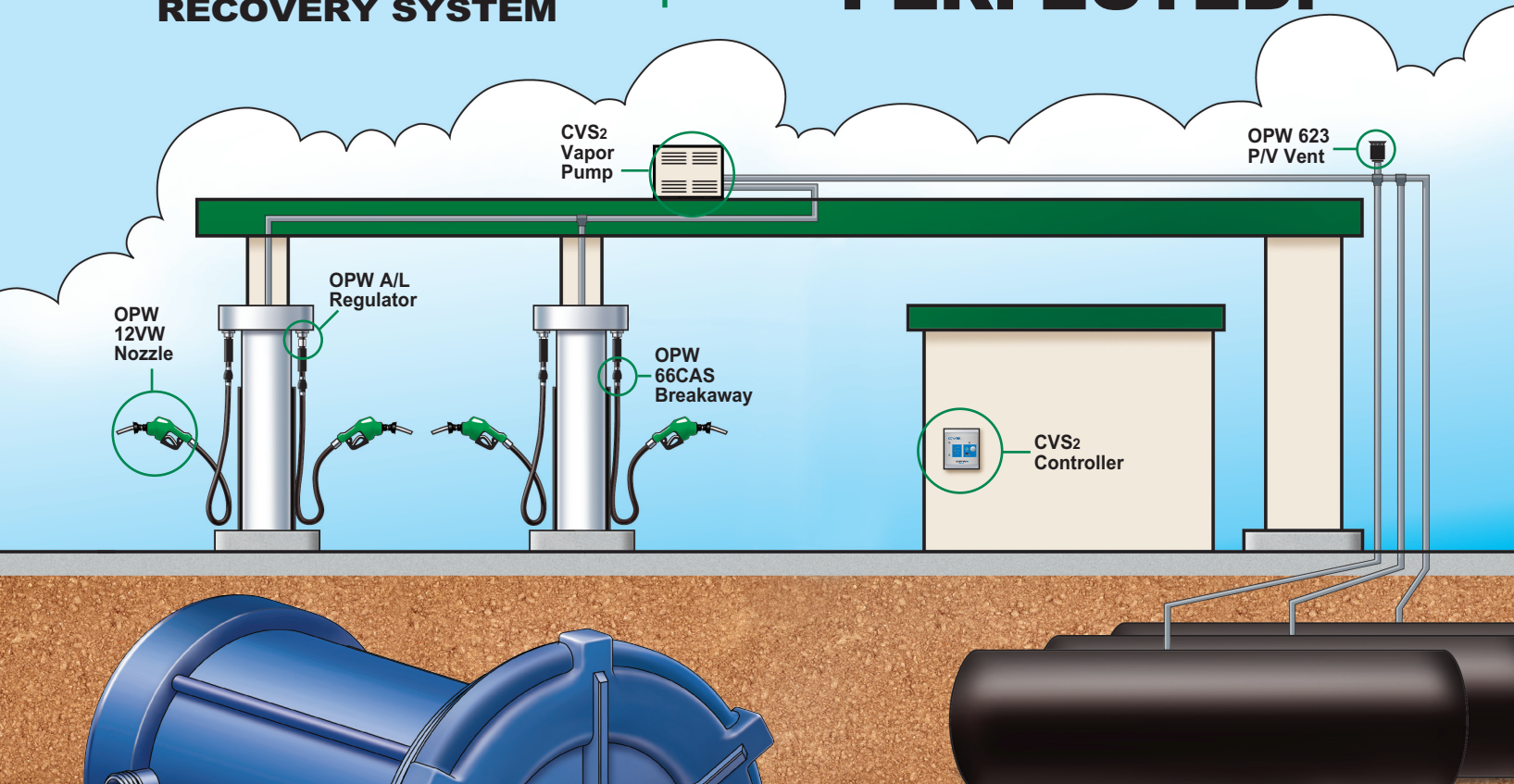


# CVS<sub>2</sub>

**CENTRAL VACUUM  
STAGE II VAPOR  
RECOVERY SYSTEM**

## STAGE II VAPOR RECOVERY... PERFECTED!



### THE NEXT GENERATION OF VAPOR RECOVERY

Built upon proven vapor-collection technology, the OPW CVS2 takes Stage II vapor recovery to a whole new level.

Now, you can cost-effectively provide a cleaner, safer fueling environment for your customers and surrounding community by removing vapor from the forecourt while also managing tank pressures to reduce emissions.

- ◆ Proven vapor-collection technology based on design of CARB certified systems
- ◆ Maintains equilibrium between nozzle collection and tank pressure - reduced vapor emissions
- ◆ TÜV-certified vapor recovery system

- ◆ Lower A/L provides maximum collection efficiency without pressurizing the storage tanks
- ◆ Central collection - eliminates the need for multiple vacuum pumps in dispensers
- ◆ No burners

The OPW CVS<sub>2</sub> central vacuum Stage II vapor recovery system is designed for gasoline-dispensing stations to provide gasoline vapor collection and removal from the dispensing (forecourt) area. Collected vapor is returned to the gasoline storage tank ullage space through a dedicated vapor pipe and vent network.



**Controller**

Monitors dispensers and controls/monitors performance of the CVS<sub>2</sub> vapor pump. Features include visual indicators and audible alarm, 24 pump inputs, serial port.



**Vapor Pump**

Centralized pump controls vapor emissions for up to 16 fueling points (8 dispensers); for more than 16 hose points, a second vapor pump can be installed.



**12VW Nozzle**

Vacuum-assist nozzle for ease-of-use; features an integral liquid evacuation tube that continuously keeps the vapor path in the hose clear of liquid blockage.



**A/L Regulator**

Adjustable for each individual hose point; controls the volume of vapors collected to ensure equilibrium between vapor collection and tank pressure.



**66CAS Breakaway**

Dual poppet, dry reconnectable breakaway designed to close off the liquid path and protect dispensers in the event of a drive-away. Maximum pull force: 300 lbs.

## System Specifications

### Ordering Specifications

Quantity	Product #	Description
1	00-40015	CVS <sub>2</sub> System
<b>Consisting of</b>		
1	10-25015	Controller
1	11-12200	CVS <sub>2</sub> Vapor Pump
1	99-60015	CVS <sub>2</sub> Manual

### Hanging Hardware (one each required per hose point)

Product #	Description				
14-33056	A/L Regulator				
66CAS-0300	Breakaway				
12VW-XX57	Vapor Recovery Nozzle with Evacuation Tube				
Color	<table border="0"> <tr> <td><span style="color: green;">■</span> 01 Green</td> <td><span style="color: red;">■</span> 03 Red</td> </tr> <tr> <td><span style="color: blue;">■</span> 05 Blue</td> <td><span style="color: black;">■</span> 04 Black</td> </tr> </table>	<span style="color: green;">■</span> 01 Green	<span style="color: red;">■</span> 03 Red	<span style="color: blue;">■</span> 05 Blue	<span style="color: black;">■</span> 04 Black
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<span style="color: blue;">■</span> 05 Blue	<span style="color: black;">■</span> 04 Black				
To order nozzles, use the following example: <b>12VW-0157 = Green, 12VW-57 Vacuum-Assist Nozzle.</b>					
72T1-0010	Vac assist whip hose, 1ft. with 1 swivel				
72T2-0120	Vac assist hose, 12ft. with 2 swivels				
72T2-0140	Vac assist hose, 14ft. with 2 swivels				

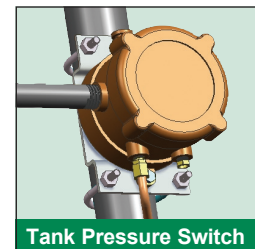
### Options

Product #	Description
14-49505	Tank Pressure Switch Kit, PST-XP
11-10167	Compact Drain Check Valve



**Drain Check Valve**

(Optional) Allows condensed liquid in the vapor piping to drain back into the storage tank; not required if site configuration allows for manual draining.



**Tank Pressure Switch**

(Optional) Continuously monitors tank pressure and communicates to the controller when storage tank pressure exceeds +2.5 in wc.

### Replacement Parts

Product #	Description
10-25010	CVS <sub>2</sub> Input Populated PCB
10-25011	CVS <sub>2</sub> Controller Populated PCB
37-30100	Relay, 3HP, DPST(NO), 24 VDC Coil
02-10177	Vapor Pump



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