

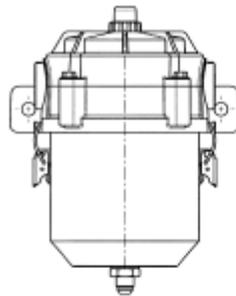


## CCV™ Crankcase Filtration Systems

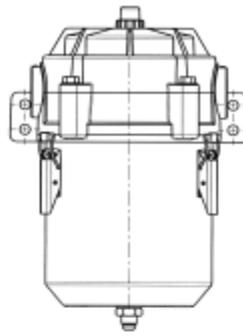
## Introduction

### Model Illustrations

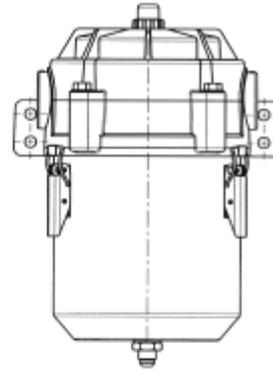
#### CCV Style for Closed Systems



CCV4500



CCV6000



CCV8000

### Special Notes

1. For additional information and availability, contact customer service at: (800) 344-3286, 6 AM to 5 PM, Pacific Time.
2. All CCV units are for Closed System applications only.

### Specifications

BASIC MODELS		CCV4500	CCV6000	CCV8000
Engine Horsepower Rating, Max.	HP KW	0-400 0-298	400-800 298-597	800-1600 597-1,193
Inlet/Outlet Port Size		1 3/16"-12 SAE	1 5/8"-12 SAE	1 7/8"-12 SAE
Max. Air Flow*	CFM L/s	10 4.72	20 9.44	40 18.88
Filter Element		CCV55248-06 CCV55248-08	CCV55274-06 CCV55274-08	CCV55222-06 CCV55222-08
Height	in. mm	9.25 235.0	12.00 304.8	13.88 352.6
Diameter (depth)	in. mm	5.60 142.2	7.30 185.4	9.30 236.2
Width	in. mm	7.16 181.9	8.59 218.2	10.61 269.5
Weight (dry)	Lbs. kgs.	3.26 1.48	5.01 2.28	8.72 3.96
Operating Temperature		-40° / +240° F / -40° / +116° C		
<p>* Values given are cubic feet per minute (CFM) and liters per second (L/s).            1. For horsepower rating consult your engine manual, engine manufacturer's agent or a Racor distributor.</p>				



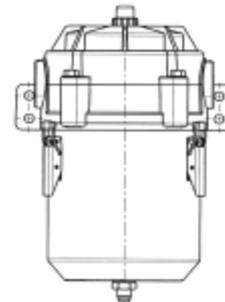
## CCV™ Crankcase Filtration Systems

## Model CCV6000

**SPECIFICATIONS** are found on Introduction page.

**How to Order** - The example below illustrates how the part numbers are constructed.

<b>CCV6000</b>	<b>-08</b>	<b>L</b>
Maximum flow rate is 20 CFM. This unit is for Closed System applications only.	<u>Specify</u> -06 for medium density media -08 for high density media (-08 is standard unless specified)	<u>Specify</u> L for inlet on left side R for inlet on right side



CCV6000

### Replacement Service Element

<b>CCV55274-06</b>	Service element, medium density
<b>CCV55274-08</b>	Service element, high density

### Mounting Pattern / Parts List

Top View

In

Out

**Service:**  
The only routine maintenance for the Racor CCV system is replacement of the filter media. Change the element every 750 hours or every oil change. Follow instructions supplied with unit. Some variations in this occur, depending on load profile, engine wear condition, flow and aerosol mass, concentration of crankcase emissions, soot concentration, etc.

**Parts List:**

Part No.	Description	Qty.
<b>Replacement Parts</b>		
1	CCV55081 Bypass indicator replacement kit	1
2	CCV55272L Head assembly, left side inlet	1
3	CCV55272R Head assembly, right side inlet	1
4	CCV55275 Can assembly	1
5	CCV55279 1/4" MNPT drain check valve (shown)	1
	CCV55245 #4 SAE drain check valve	1
	CCV55022 Drain kit	1
6	CCV55274-06 Replacement element, medium density	1
	CCV55274-08 Replacement element, high density	1
<b>Inlet and Outlet Fittings</b>		
	CCV55267 1 1/2" OD hose barb to 1 5/8" SAE fitting	1
	CCV55268 1 1/4" OD hose barb to 1 5/8" SAE fitting	1
<b>Hose and Fitting Kits</b>		
	CCV55046 Hose kit, see CCV accessories page	1
	CCV55047 Hose kit, see CCV accessories page	1
	CCV55048 Hose kit, see CCV accessories page	1
	CCV55049 Hose kit, see CCV accessories page	1
<b>Accessories</b>		
	CCV55012 Remote crankcase pressure indicator	1
	CCV55040 1 1/4" by 1 1/4" by 1 1/4" OD hose barb tee fitting	1
	CCV55020 1 1/2" by 1 1/4" Bushing Reducer	1
	55021 Installation and Service instructions	

No Scale

7.50"

0.93"



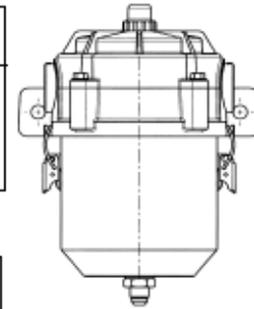
## CCV™ Crankcase Filtration Systems

## Model CCV4500

**Specifications** are found on the Introduction page.

**How to Order** - The example below illustrates how the part numbers are constructed.

<b>CCV4500</b>	<b>-08</b>	<b>L</b>
Maximum flow rate is 10 CFM. This unit is for Closed System applications only.	<u>Specify</u> -06 for medium density media -08 for high density media (-08 is standard unless specified)	<u>Specify</u> L for inlet on left side R for inlet on right side



CCV4500

### Replacement Service Elements

<b>CCV55248-06</b>	Service element, medium density
<b>CCV55248-08</b>	Service element, high density

### Mounting Pattern / Parts List

**Service:**  
The only routine maintenance for the Racor CCV system is replacement of the filter media. Change the element every 750 hours or every oil change. Follow instructions supplied with unit. Some variations in this occur, depending on load profile, engine wear condition, flow and aerosol mass, concentration of crankcase emissions, soot concentration, etc.

**Parts List:**

Part No.	Description	Qty.
<b>Replacement Parts</b>		
1	CCV55081 Bypass indicator replacement kit	1
2	CCV55246L Head assembly, with left side inlet	1
3	CCV55246R Head assembly, with right side inlet	1
4	CCV55249 Can assembly	1
5	CCV55279 1/4" MNPT drain check valve (shown)	1
	CCV55245 #4 SAE drain check valve	1
	CCV55022 Drain kit	1
6	CCV55248-06 Replacement element, medium density	1
	CCV55248-08 Replacement element, high density	1
<b>Inlet and Outlet Fittings</b>		
	CCV55250 1" OD hose barb to 1 3/16" SAE fitting	1
	CCV55251 3/4" OD hose barb to 1 3/16" SAE fitting	1
	CCV55280 1 1/4" OD hose barb to 1 3/16" SAE fitting	1
<b>Hose and Fitting Kits</b>		
	CCV55024 Hose kit, see CCV accessories page	1
	CCV55025 Hose kit, see CCV accessories page	1
	CCV55037 Hose kit, see CCV accessories page	1
	CCV55038 Hose kit, see CCV accessories page	1
<b>Accessories</b>		
	CCV55012 Remote crankcase pressure indicator	1
	CCV55039 3/4" by 3/4" by 3/4" OD hose barb tee fitting	1
	55021 Installation and Service instructions	1

No Scale



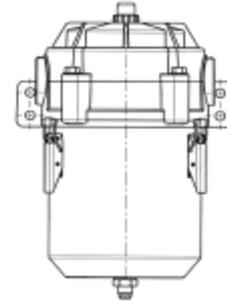
## CCV™ Crankcase Filtration Systems

Model CCV8000

**SPECIFICATIONS** are found on Introduction page.

**How to Order** - The example below illustrates how the part numbers are constructed.

<b>CCV8000</b>	<b>-08</b>	<b>L</b>
Maximum flow rate is 40 CFM. This unit is for Closed System applications only.	<u>Specify</u> -06 for medium density media -08 for high density media (-08 is standard unless specified)	<u>Specify</u> L for inlet on left side R for inlet on right side



CCV8000

### Replacement Service Element

<b>CCV55222-06</b>	Service element, medium density
<b>CCV55222-08</b>	Service element, high density

### Mounting Pattern / Parts List

Top View

In

Out

9.50"

1.06"

No Scale

**Service:**  
The only routine maintenance for the Racor CCV system is replacement of the filter media. Change the element every 750 hours or every oil change. Follow instructions supplied with unit. Some variations in this occur, depending on load profile, engine wear condition, flow and aerosol mass, concentration of crankcase emissions, soot concentration, etc.

**Parts List:**

Part No.	Description	Qty.
<b>Replacement Parts</b>		
1	CCV55081 Bypass indicator replacement kit	1
2	CCV55220L Head assembly, left side inlet	1
3	CCV55220R Head assembly, right side inlet	1
4	CCV55223 Can assembly	1
5	CCV55080 3/8" MNPT drain check valve (shown)	1
	CCV55288 #8 SAE drain check valve	1
	CCV55071 Drain kit	1
6	CCV55222-06 Replacement element, medium density	1
	CCV55222-08 Replacement element, high density	1
<b>Inlet and Outlet Fittings</b>		
CCV55218	1 1/2" OD hose barb to 1 7/8" SAE fitting	1
<b>Hose and Fitting Kits</b>		
CCV55067	Hose kit, see CCV accessories page	1
CCV55068	Hose kit, see CCV accessories page	1
CCV55069	Hose kit, see CCV accessories page	1
<b>Accessories</b>		
CCV55012	Remote crankcase pressure indicator	1
CCV55041	1 1/2" by 1 1/2" by 1 1/2" OD hose barb tee fitting	1
CCV55020	1 1/2" by 1 1/4" Bushing Reducer	1
55021	Installation and Service instructions	



## Crankvent Filtration Systems

## Accessories

### **Hose Kits**

(for models CV820 and CV1000 only)

Part No.	Description
CV1034	5 feet of 3/4" hose, fittings, clamps and ties
CV2034	7 1/2 feet of 3/4" hose, 3/4" Tee fitting, fittings, clamps and ties
CV1100	5 feet of 1" hose, fittings, clamps and ties
CV1114	5 feet of 1 1/4" hose, fittings, clamps and ties
CV2114	7 1/2 feet of 1 1/4" hose, 1 1/4" Tee fitting, fitting, clamps and ties
CV1112	5 feet of 1 1/2" hose, fitting, clamps and ties
CV1200	5 feet of 1 1/2" hose with 2" cuff, fitting, clamps and ties
CV1038	Air Box Drain Hose Kit, 8 feet of 3/8" hose, check valve, fittings, clamps & ties

### **Open System Exhaust Elbows**

Part No.	Description
CV7022	1 1/4" 90 degree elbow for CV400 filter outlet and clamp
CV7019	1 1/2" 90 degree elbow for CV820 filter outlet and clamp
CV7018	2" 90 degree elbow for CV1000 filter outlet and clamp

### **Closed System Parts**

Part No.	Description
CV6022	3/4" barbed fitting assembly for the <b>dirty side</b> of the air filter
CV6024	1" barbed fitting assembly for the <b>dirty side</b> of the air filter
CV6025	1 1/4" barbed fitting assembly for the <b>dirty side</b> of the air filter
CV8021	1" Pressure regulator

### **Closed System Kits - Dirty Side**

Part No.	Description
CV6022CS	CV6022 fitting, 5 feet of 3/4" hose, fittings, clamps and ties
CV6024CS	CV6024 fitting, 5 feet of 1" hose, fittings, clamps and ties
CV6025CS	CV6025 fitting, 5 feet of 1 1/4" hose, fittings, clamps and ties

### **Closed System Kits - Clean Side**

CV8021CS	CV8021 pressure regulator, 5 feet of 1" hose, clamps and ties
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