Contents Guides

Regal Gas Chlorinator Switchover Systems

Models 216, 226, 256 and 2107 Repair Kits



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REGAL SYSTEMS
1044 S.E. Dixie Cutoff Road
Stuart, Florida 34994-3436

CONTENTS GUIDE 216

Revised October 1, 2025

MODEL 216
REGAL GAS CHLORINATOR

Direct Cylinder Mounted, Vacuum Operated Switchover

Available Maximum Feed Rates: 4, 10, 25, 50, 100 lbs/24 hrs, (75, 200, 500, 900, 2000 gms/hr)

Standard Package and Instructions Includes:

Qty:	Part #	Description
2	A-816	Vacuum Regulator with 3/8" vent and vacuum fittings
		Assembly Note: Flowmeter and rate valve are on remote meter panel
1	A-255	Remote Meter Panel with 3/8" vacuum fittings (for wall mounting)
1	A-300-V1	Pressure Relief (Vent) Valve with 3/8" vent and vacuum fittings and wall mounting bracket
1	A-930	Ejector Assembly includes nozzle**, high/low pressure check valve, and 3/8" vacuum fitting
50 FT	VT-1	3/8" vent and vacuum tubing
10	G-201	Lead cylinder gaskets
1	Z-296	Rate valve tool
1	Z-297	Vent line bug screen

Approximate Shipping Weight: 15 lbs.

OPTIONAL EJECTORS:
- High Back Pressure Valve **A-920**
- Low Pressure Ejector **A-921**
- Dual Check Valve Ejector **A-940**
- Dual Check Valve Ejector **A-950**

UPGRADE OPTIONS:
- Fittings and Tubing Size 1/2" or 5/8"
- 7500 Remote Meter Panel

MODEL A-816 (Head ONLY)
SWITCHOVER VACUUM REGULATOR 100 PPD

Standard Package and Instructions Includes:

Qty:	Part #	Description
1	A-816	Vacuum regulator with 3/8" vacuum vent and vacuum fittings
25 FT	VT-1	3/8" vent and vacuum tubing
10	G-201	Lead gaskets
1	Z-296	Lead gasket remover
1	Z-297	Vent line bug screen

Approximate Shipping Weight: 7 lbs.

ACCESSORIES AVAILABLE

Smartvalves (Flow Pacing or Residual), Gas Detectors, Scales, Vacuum Monitor, Ton Container Adaptor, and More

**** NOZZLE CHART AND HYDRAULICS INFORMATION**

*Refer to **Application Bulletin 1002** in the Instruction Bulletin 1216 or Instruction Bulletin 1900*

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MODEL 216 with A-255



MODEL 216 with 7500 upgrade

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MODEL AFP-100 Additional Point(s)

Up to 100 ppd maximum

Total combined feed rate cannot exceed 100 ppd

Each additional point includes:

Qty:	Part #	Description
1	A-255	Remote Meter Panel with 3/8" vacuum fittings
1	A-930	Ejector Assembly includes nozzle**, high/low pressure check valve, and 3/8" vacuum fitting
25 FT	VT-1	3/8" vent and vacuum tubing
1	ZZ-253	3/8" vacuum tubing tee

Approximate Shipping Weight: 2 lbs.

OPTIONAL EJECTORS:

- High Back Pressure Valve **A-920**
- Low Pressure Ejector **A-921**
- Dual Check Valve Ejector **A-940**
- Dual Check Valve Ejector **A-950**

UPGRADE OPTIONS:

- Fittings and Tubing Size 1/2" or 5/8"
- 7500 Remote Meter Panel

ACCESSORIES AVAILABLE

Smartvalves (Flow Pacing or Residual), Gas Detectors, Scales, Vacuum Monitor, Ton Container Adaptor, and More

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CONTENTS GUIDE 226

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MODEL 226
REGAL GAS CHLORINATOR

Direct Cylinder Mounted, Vacuum Operated Switchover

Available Maximum Feed Rates: 250 lbs/24 hrs, (5000 gms/hr)

Standard Package and Instructions Includes:

Qty:	Part #	Description
2	A-826	Switchover Vacuum Regulators with 1/2" vacuum fitting
		Assembly Note: Flow meter and rate valve are on remote meter panel
1	7500-250	Remote Meter panel with 1/2" vacuum fittings (for wall mounting)
1	A-300-V2	Pressure Relief (Vent) Valve with 1/2" vent and vacuum fittings and wall mounting bracket
1	A-930	Ejector Assembly includes nozzle**, high/low pressure check valve, and 1/2" vacuum fitting
50 FT	VT-2	1/2" vent and vacuum tubing
10	G-201	Lead cylinder gaskets
1	Z-296	Rate valve tool
1	Z-297	Vent line bug screen

Approximate Shipping Weight: 17 lbs.

OPTIONAL EJECTORS WITH 1/2" FITTINGS:
- High Pressure Ejector **A-922**
- Low Pressure Ejector **A-923**
- Dual Check Valve Ejector **A-940**
- Dual Check Valve Ejector **A-950**

UPGRADE OPTIONS:
- Fittings and Tubing Size 5/8"

MODEL A-826 (Head ONLY)
SWITCHOVER VACUUM REGULATOR 250 PPD

Standard Package and Instructions Includes:

Qty:	Part #	Description
1	A-826	Vacuum Regulator with 1/2" vacuum fitting
25 FT	VT-2	1/2" vent and vacuum tubing
10	G-201	Lead gaskets
1	Z-296	Lead gasket remover
1	Z-297	Vent line bug screen

Approximate Shipping Weight: 7 lbs.

ACCESSORIES AVAILABLE
Smartvalves (Flow Pacing or Residual), Gas Detectors, Scales, Vacuum Monitor, Ton Container Adaptor, and More

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MODEL AFP-100 Additional Point(s)

Up to 100 ppd maximum
Total combined feed rate cannot exceed 500 ppd

Each additional point includes:

Qty:	Part #	Description
1	A-255	Remote Meter panel with 1/2” vacuum fittings
1	A-930	Ejector Assembly includes nozzle**, high/low pressure check valve, and 1/2" vacuum fitting
25 FT	VT-2	1/2" vent and vacuum tubing
1	ZZ-263	1/2” vacuum tubing tee

Approximate Shipping Weight: 2 lbs.

OPTIONAL EJECTORS WITH 1/2" FITTINGS:

- Low Pressure Ejector **A-922**
- Low Pressure Ejector **A-923**
- Dual Check Valve Ejector **A-940**
- Dual Check Valve Ejector **A-950**

UPGRADE OPTIONS:

- Fittings and Tubing Size 5/8"
- 7500 Remote Meter Panel

ACCESSORIES AVAILABLE

Smartvalves (Flow Pacing or Residual), Gas Detectors, Scales, Vacuum Monitor, Ton Container Adaptor, and More

**** NOZZLE CHART AND HYDRAULICS INFORMATION**

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CONTENTS GUIDE *256*

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MODEL 256
REGAL GAS CHLORINATOR

Direct Cylinder Mounted, Vacuum Operated, Automatic Switchover

Available Maximum Feed Rates: 500 lbs/24 hrs (10kg/hr)

Standard Package and Instructions Includes:

Qty:	Part #	Description	
2	A-856	Switchover Vacuum Regulators with 5/8" vacuum fitting	
		Assembly Note: Flow meter and rate valve are on remote meter panel	
1	7500-500	Remote meter panel with 5/8" fittings (for wall mounting)	
1	A-300-V3	Pressure Relief (Vent) Valve w/ 5/8" vent and vacuum fittings and wall mounting bracket	
1	A-925	Ejector Assembly includes nozzle**, high pressure check valve, and 5/8" vacuum fitting	
50 FT	VT-3	5/8" vent and vacuum tubing	
10	G-201	Lead cylinder gaskets	
1	Z-296	Rate valve tool	
1	Z-297	Vent line bug screen	**Approximate Shipping Weight:** 21 lbs.

OPTIONAL EJECTORS WITH 5/8" FITTINGS:

- Low Pressure Ejector **A-926**
- Dual Check Valve Ejector **A-940**
- Dual Check Valve Ejector **A-950**

MODEL A-856 (Head ONLY)
SWITCHOVER VACUUM REGULATOR 500 PPD

Standard Package and Instructions Includes:

Qty:	Part #	Description	
1	A-856	Vacuum Regulator with 5/8" vacuum fitting	
25 FT	VT-3	5/8" vent and vacuum tubing	
10	G-201	Lead gaskets	
1	Z-296	Lead gasket remover	
1	Z-297	Vent line bug screen	**Approximate Shipping Weight:** 7 lbs.

ACCESSORIES AVAILABLE

Smartvalves (Flow Pacing or Residual), Gas Detectors, Scales, Vacuum Monitor, Ton Container Adaptor, and More

**** NOZZLE CHART AND HYDRAULICS INFORMATION**

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CONTENTS GUIDE 256

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MODEL AFP-100 Additional Point(s)

Up to 100 ppd maximum

Total combined feed rate cannot exceed 500 ppd

Each additional point includes:

Qty:	Part #	Description
1	A-255	Remote Meter panel with 5/8" vacuum fittings
1	A-930	Ejector Assembly includes nozzle**, high/low pressure check valve, and 5/8" vacuum fitting
25 FT	VT-3	5/8" vent and vacuum tubing
1	ZZ-273	5/8" Vacuum tubing tee

Approximate Shipping Weight: 2 lbs.

OPTIONAL EJECTORS WITH 5/8" FITTINGS:

- High Pressure Ejector **A-920**
- Low Pressure Ejector **A-921**
- Dual Check Valve Ejector **A-940**
- Dual Check Valve Ejector **A-950**

UPGRADE OPTIONS:

- 7500 Remote Meter Panel

MODEL AFP-250 Additional Points(s)

Up To 250 ppd maximum

Total combined feed rate cannot exceed 500 ppd

Each additional point includes:

Qty:	Part #	Description
1	7500	Remote Meter panel with 5/8" vacuum fittings
1	A-930	Ejector Assembly includes nozzle**, high/low pressure check valve, and 5/8" vacuum fitting
25 FT	VT-3	5/8" vent and vacuum tubing
1	ZZ-273	5/8" vacuum tubing tee

Approximate Shipping Weight: 2 lbs.

OPTIONAL EJECTORS WITH 5/8" FITTINGS:

- Low Pressure Ejector **A-926**
- Dual Check Valve Ejector **A-940**
- Dual Check Valve Ejector **A-950**

ACCESSORIES AVAILABLE

Smartvalves (Flow Pacing or Residual), Gas Detectors, Scales, Vacuum Monitor, Ton Container Adaptor, and More

**** NOZZLE CHART AND HYDRAULICS INFORMATION**

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CONTENTS GUIDE 2107

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MODEL 2107
REGAL GAS CHLORINATOR

Wall Mounted, Vacuum Operated Automated Switchover with Remote Meter Assembly

Available Maximum Feed Rates: 1000 or 2000 lbs/24-hrs, (20 or 40 kg/hr)

Standard Package and Instructions Includes:

Qty:	Part #	Description
2	A-2817	Vacuum Regulators with 5/8" vent and 1" NPT vacuum fittings
		Assembly Note: Flowmeter and rate valve are on remote meter panel
1	A-2551 (1,000 ppd) OR A-2552 (2,000 ppd)	Remote meter panel with 1" NPT vacuum fittings (for wall mounting)
1	A-2920 (1,000 ppd) OR A-2922 (2,000 ppd)	Ejector Assembly includes nozzle, back pressure check valve, 1" NPT vacuum fitting ***(See Hydraulics Chart AB 1002)***
1	MS-25	SLP Tee with 5/8" vacuum tube fitting for vent connection
1	A-300-V4	Pressure relief (vent) valve
25 FT	VT-3	5/8" vent tubing
10	G-201	Lead cylinder gaskets
1	Z-296	Lead gasket remover
1	Z-297	Vent line bug screen

Approximate Shipping Weight: 30 lbs.

Note: No interconnecting vacuum piping is included

MODEL A-2817 (Head ONLY)
VACUUM REGULATOR

Standard Package and Instructions Includes:

Qty:	Part #	Description
1	A-2817	Vacuum Regulator with 5/8" vent and 1" NPT vacuum fittings
10	G-201	Lead cylinder gaskets
1	Z-296	Lead gasket remover
1	Z-297	Vent line bug screen

Approximate Shipping Weight: 7 lbs.

MODEL AFP-1000 Additional Point(s)
Up to 1000 ppd maximum
Total combined feed rate cannot exceed 2000 ppd

Each additional point includes:

Qty:	Part #	Description
1	A-2551	(1000 ppd) Remote meter panel with fittings
1	A-2920 or A-2922	(1000 or 2000 ppd) Ejector Assembly ***(See Hydraulics Chart AB 1002)***

Approximate Shipping Weight: 17 lbs.

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CHLORINATOR AND EJECTOR REPAIR KIT CONTENTS GUIDE

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RK-200

REBUILD KIT FOR CHLORINATOR & SULPHONATOR VACUUM REGULATOR HEADS ONLY (TO 250 PPD)

***2 Kits Required for Switchover Models**

Kit includes:

Part No.	Qty	Description
B-230	1	DIAPHRAGM
G-202	2	METER TUBE GASKETS
S-301	1	INDICATOR SEAL
S-302	2	CHECK VALVE SEAL AND RV PLUG SEAL
S-401	1	VENT SEAL/SPACER “O” RING
S-402	1	INLET VALVE SEAT SEAL
S-403	1	BODY SEAL
S-404	3	ADAPTOR FACE SEAL & RV SEAT SEAL
S-406	1	INLET ADAPTOR PLUG O.D. SEAL
S-407	1	DIAPHRAGM PLATE SEAL
S-408	1	DIAPHRAGM BODY SEAL
S-409	1	VACUUM SEAL
S-413	1	BACK BODY INLET & SEAT SEAL
Y-275	1	FILTER
YV-210	1	INLET VALVE SEAT

RK-500

REBUILD KIT FOR MODELS 250/256/750/756 HEADS ONLY (500 PPD ONLY)

***2 Kits Required for Switchover Models**

Kit includes:

Part No.	Qty	Description
B-230	1	DIAPHRAGM
G-502	1	METER TUBE GASKET - UPPER
G-503	1	METER TUBE GASKET - LOWER
S-301	1	INDICATOR SEAL
S-302	2	RATE VALVE STEM SEAL
S-401	1	VENT SEAL/SPACER “O” RING
S-402	1	INLET VALVE SEAT SEAL
S-403	1	BODY SEAL
S-404	3	ADAPTOR FACE SEAL & RV SEAT SEAL
S-406	1	INLET ADAPTOR PLUG O.D. SEAL
S-407	1	DIAPHRAGM PLATE SEAL
S-408	1	DIAPHRAGM BODY SEAL
S-409	1	VACUUM SEAL
S-413	1	BACK BODY INLET & SEAT SEAL
Y-276/Y-270	1	FILTER/SUPPORT
YV-210	1	INLET VALVE SEAT

RK-930

REBUILD KIT FOR EJECTOR A-930

Kit includes:

Part No.	Qty	Description
E-303	1	DIAPHRAGM BOLT
E-304	1	DIAPHRAGM
E-305	1	DIAPHRAGM NUT
G-203	1	EJECTOR CHECK VALVE SEAT GASKET
G-204	2	EJECTOR BODY GASKET
S-302	1	O-RING
S-405	1	CHECK VALVE SEAT O-RING
S-417	1	BALL SEAL O-RING
E-556	1	BALL FOR CHECK VALVE

RK-900-LO

REBUILD KIT FOR EJECTORS A-921, A-923, A-926, A-921S, A-923S, A-926S

Kit includes:

Part No.	Qty	Description
E-303	1	DIAPHRAGM BOLT
E-304	1	DIAPHRAGM
E-305	1	DIAPHRAGM NUT
G-203	1	EJECTOR CHECK VALVE SEAT GASKET
G-204	2	EJECTOR BODY GASKET
S-302	1	CHECK VALVE SEAL

RK-940

REBUILD KIT FOR EJECTOR A-940

Kit includes:

Part No.	Qty	Description
S-405	1	CHECK VALVE SEAT O-RING
S-416	1	BODY SEAL O-RING
S-417	1	BALL SEAL O-RING
S-806	1	O-RING
E-556	1	BALL FOR CHECK VALVE
G-203	1	EJECTOR CHECK VALVE SEAT GASKET
G-204	2	EJECTOR BODY GASKET

RK-950

REBUILD KIT FOR EJECTOR A-950

Kit includes:

Part No.	Qty	Description
G-204	2	EJECTOR BODY GASKET
S-413	1	O-RING
S-415	1	BODY/RETAINER SEAL
S-416	1	BODY SEAL O-RING
S-417	1	BALL SEAL O-RING
S-418	1	POPPET SEAL

SPK-4

SPARE PARTS KIT FOR EJECTORS A-920, A-922, A-925, A-920S, A-922S, A925S (TO 500 PPD)

Kit includes:

Part No.	Qty	Description
E-250	1	EJECTOR CHECK VALVE
G-203	2	EJECTOR CHECK VALVE SEAT GASKET
G-204	2	EJECTOR BODY GASKET
S-405	1	CHECK VALVE SEAT "O" RING

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REMOTE METER PANEL REPAIR KIT CONTENTS GUIDE

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RK-7500-10
Kit includes:

Part No.	Qty	Description
7521	2	TOP & BOTTOM BUSHING
G-701	2	TOP & BOTTOM METER TUBE GASKET
S-403	2	RATE VALVE PLUG O-RING
S-406	2	METER TUBE PLUG O-RING
G-700	2	TOP OR BOTTOM BUSHING GASKET

RK-7500-25
Kit includes:

Part No.	Qty	Description
7521	2	TOP & BOTTOM BUSHING
G-706	2	TOP & BOTTOM METER TUBE GASKET
S-403	2	RATE VALVE PLUG O-RING
S-406	2	METER TUBE PLUG O-RING
G-700	2	TOP OR BOTTOM BUSHING GASKET

RK-7500-50
Kit includes:

Part No.	Qty	Description
7522	2	TOP OR BOTTOM TUBE BUSHING
G-706	2	TOP OR BOTTOM TUBE GASKET
S-403	2	RATE VALVE PLUG O-RING
S-406	2	METER TUBE PLUG O-RING
G-700	2	TOP OR BOTTOM BUSHING GASKET

RK-7500-100
Kit includes:

Part No.	Qty	Description
7523	2	TOP & BOTTOM BUSHING
G-702	2	TOP OR BOTTOM TUBE GASKET
S-403	2	RATE VALVE PLUG O-RING
S-406	2	METER TUBE PLUG O-RING
G-700	2	TOP OR BOTTOM BUSHING GASKET

RK-7500-250
Kit includes:

Part No.	Qty	Description
7509	2	TOP OR BOTTOM TUBE BUSHING
G-703	2	TOP OR BOTTOM TUBE GASKET
S-403	2	RATE VALVE PLUG O-RING
S-406	2	METER TUBE PLUG O-RING
G-700	2	TOP OR BOTTOM BUSHING GASKET

RK-7500-500
Kit includes:

Part No.	Qty	Description
7510	2	TOP OR BOTTOM TUBE BUSHING
G-704	2	TOP OR BOTTOM TUBE GASKET
S-403	2	RATE VALVE PLUG O-RING
S-406	2	METER TUBE PLUG O-RING
G-700	2	TOP OR BOTTOM BUSHING GASKET

REPAIR KITS (1,000 - 2,000 PPD)

RK-2000
REBUILD KIT FOR MODELS 2101 & 2107 HEAD ONLY (1000 & 2000 PPD)
***2 Kits Required for 2107 Switchover Models*

Kit includes:

Part No.	Qty 1	Description
B-230	1	DIAPHRAGM
S-301	1	INDICATOR SEAL
S-401	1	VENT SEAL/SPACER “O” RING
S-403	1	VALVE SEAT SEAL
S-407	1	DIAPHRAGM PLATE SEAL
S-407	1	BACK BODY INLET SEAL
S-408	1	DIAPHRAGM BODY SEAL
S-409	1	VACUUM SEAL
S-415	1	BODY/RETAINER SEAL
S-806	1	ADAPTOR FACE SEAL
Y-276/Y-270	1	FILTER/SUPPORT
YV-2001	1	INLET VALVE SEAT

RK-2920/2922
REBUILD KIT FOR A-2920 & A-2922 EJECTORS (1000 & 2000 ppd)

Kit includes:

Part No.	Qty	Description
CV-2003	1	POPPET
CV-2005	1	SPRING
S-804	1	O-RING
S-805	1	O-RING
G-1000	2	GASKET

RK-2551/2552
REBUILD KIT FOR A-2551 & A-2552 EJECTORS (1000 & 2000 ppd)

Kit includes:

Part No.	Qty	Description
S-801	2	METERING TUBE SEAL
S-803	2	RATE VALVE STEM SEAL

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