

Krystal Pure owners manual for reverse osmosis drinking water system KR5; KR10; KR15



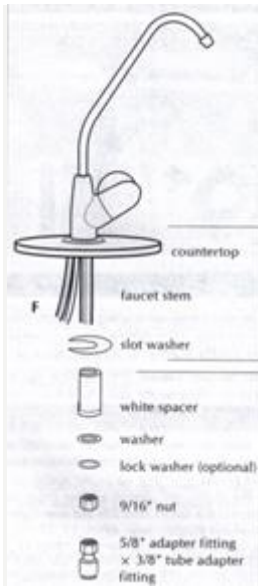
Pure

For Krystal Pure' Reverse Osmosis Systems KR59 KR10 • KR15

Includes: Installation and Service Procedures, Specifications and Operation Guidelines.



1. Faucet and tubing
2. Drain clamp
3. Easy Tap Adapter
4. Screws
5. Union Coupling
6. R/O tubing
7. Storage tank with ball valve
8. Filterpac Unit (image may vary from model in box, KR5 will have two filter canisters)
9. Water Quality Monitor (included with KR15 model only)



### Words in picture

counter top

faucet stem

slot washer

white spacer

washer

lock washer (optional)

9/16" nut

5/8" adapter fitting

X 3/8" tube adapter

fitting

Krystal Pure Reverse Osmosis System Manual

FILTER REPLACEMENT LIST

Part Numbers

RIO Model CARBON	PRE SEDIMENT	PRE CARBON	MEMBRANE	M.A.P/ CARBON	POST
KR5 #135-1210-2	N/A	CB05 #135-1210-1	TFC-24 #138- 124-1	N/A	CB
KR10 1210-2	P1 #136-1110-1	CB05 #135-1210-1	TFC-24 #138- 124-1	N/A	CB #135-
KR15 2 CB05 #135-1210-2	N/A	CB05 #135-1210-1	TFC-24 #138- 124-1	CB05 #135-1210-	

REPLACEMENT PARTS LIST: KR5 • KR10 • KR15

Qty.	Part No.	Description
1	103-0504	Easy Tap Adapter
1	419-1404-1	¼" JG 90 Ball Valve
1	805-510-04	Fitting ¼" MPT X ¼" stem
2	804-11-04	¼" Hex Nipple
1	419-1406	3/8" JG 90 Ball Valve, Storage

Tank

3	805-40-02	Fitting 1/4" mpt x 1/4" JG Elbow
1	123-541	Water Conservation Shut-Off
Valve		
1	128-00	R/O Membrane Housing
1	128-R	O-ring, Membrane Housing
2	805-40-04	Fitting 1/8" mpt x 1/4" JG Elbow
1	121-1604-1	Check Valve Fitting 1/8" mpt x 1/4" JG Elbow
1	129-260	Flow Restrictor, 260 ml
1	110-03181	3.2 Gallon Storage Tank
1	805-40-042	Fitting 3/8" stem x 1/4" JG Elbow

Qty.	Part No.	Description
1	805-70-06	Fitting Union 3/8" JG Tee
1	805-510-06	Fitting 1/4" mpt x 3/8" stem
2	805-40-06	Fitting 1/4" mpt x 3/8" JG Elbow
1	125-124	R/O Faucet, Specify Color
1	805-25-04	Faucet Adapter 3/8" x 7/16" fpt
1	805-15-04	1/4" Union JG
1	124-462	Drain Saddle Clamp
3	127-1101	Filter Bowl Canister
3	127-1 R	O-ring, Filter Bowl canister
6	805-LC-06	3/8" Locking Clip JG

12	805-LC-04	¼" Locking Clip JG
2	122-321	Clips, Membrane
1 .	120-131	Bracket

Trouble shooting guide

PROBLEM	CAUSE	SOLUTION
Cloudy ice cubes or milky colored water.	Bad membrane.	Replace Membrane and Sanitize when below 75% rejection.
Refrigerator.	Water supply.	High oxygen content.
	Some refrigerators freeze differently, leaving the ice cube	
	looking cloudy. Let cube dissolve in glass of water. If just	
	air, will float to surface and dissipate.	
System is still new.	This is normal and should clear up in two weeks	
Krystal Pure	Reverse Osmosis System Manual	

TRUBLE SHOOTING GUIDE (CONTINUED)

PROBLEM	CAUSE	SOLUTION
Noisy drain or faucet,	Air gap faucet.	A little noise is common with air gap faucets. Check manual to be sure installed in proper location. Allow two weeks for air to work out of system.
Drain tube.	Check that drain tube from faucet is continuously	
Down hill to drain.	Loops or dips will cause noise.	
	Disconnect drain tube and clean free of debris.	

Hole on faucet is leaking,	Drain clamp slipped.	Align drain clamp hole with drainpipe hole.
Drain tube loops or dips.	Shorten drain tube from faucet until smooth down hill flow to drain.	
Restriction in drain tube.	Disconnect drain tube and clean Out restriction.	
Filter bowl canister leak	O-ring not sealed properly.	If damaged, replace. If dirty, clean, lubricate and retighten filter bowl. Hand tighten firmly.
Water does not taste or smell right.	Bad membrane.	Replace membrane when below 75% rejection and sanitize.
Little water use. Weeks if low water use.	Filters have expired.	Replace filters. Should be replaced every 6 to 12 months.
System needs sanitizing.	Drain or use entire tank. Should be done every 2 Weeks if low water use.	
Instructions) and replace filters.	Sanitize (see Step 11: Recommended Sanitizing Instructions) and replace filters.	
Little water from faucet.	Over pressurized tank.	When empty, tank pressure should be between 5- 12 PSI.
Incoming water	Increase pressure to 40 PSI with a pump.	

pressure is below

40 PSI.

New system or fil-  
ters just changed.

System takes 4 to 12 hours to completely fill.

Bad check valve.

Replace check valve.

Tank valve not  
open.

Open valve.

Bad storage tank.

Replace storage tank. If not bad check that tank air pres-  
sure is between 5-12 PSI when empty.

Filters clogged.

Replace filters.

Kinked tube.

Un-kink tube. If damaged, replace tube.

System is

Shut off valve not

Replace shut uti valve.

continually

working.

running.

Low city supply

Increase water pressure to 40 PSI with a pump.

water pressure.

Bad check valve.

Replace check valves.

Ice being made in

Nothing you can do, ice is made on demand.

refrigerator.

System is new. Allow 2 weeks for air to bleed.

#### TROUBLESHOOTING GUIDE (CONTINUED)

##### PROBLEM

##### CAUSE

##### SOLUTION

Ice maker not

Ball valve to ice

Turn on ball valve.

working. line is off.

Ice maker in re- Turn to on position.  
frigerator is off.

Ice maker line Thaw with hair dryer. Make sure you have a full tank of  
Frozen. water before turning ice maker on.

Tube to refrigera- Find kink and repair.  
tor is kinked.

No water out 1-quart reservoir Hold down dispenser handle for approximately 3  
of refrigerator not full. Minutes until water comes out. Make  
door. sure R/O tank is full.

Makes water Normal R/O Your R/O system makes water a drop at a time. 3-  
slowly. process. Gallon storage tank should be full in 4-12 hours.

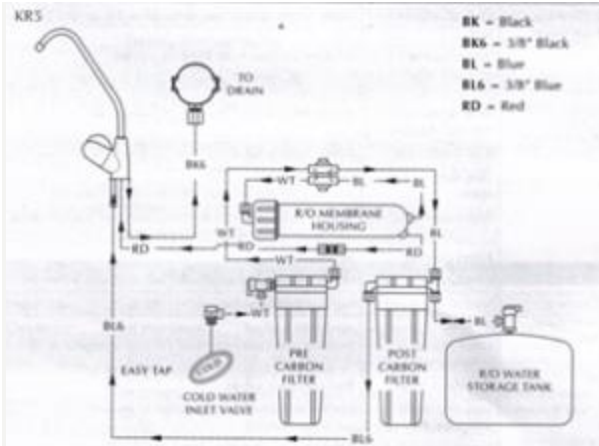
Low city water Increase to 40 PSI. with a booster pump.  
pressure.

Kinked tubing. Find kink and repair.

Filters plugged. Replace filters.

Bad membrane. Replace membrane.





Words in picture

POST CARBON FILTER

STORAGE TANK

KR5

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R/O MEMBRANE

WATER CONSERVATION

SHUT-OFF VALVE

EASY TAP

SEDIMENT

CARBON

DRAIN

FILTER FILTER BL6

FILTER

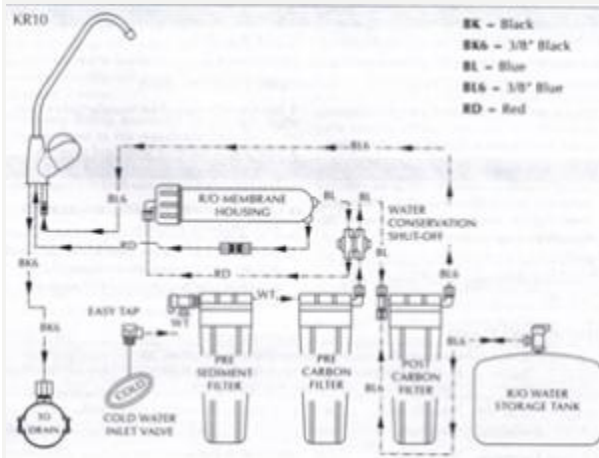
STORAGE TANK

KR15

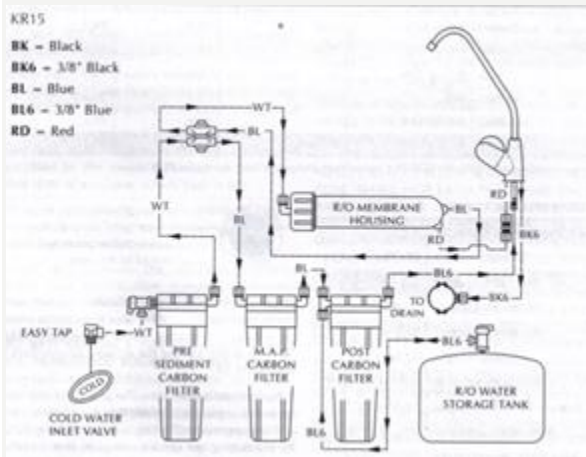
HOUSING RDBK6

10BK6 DRAIN

KR10

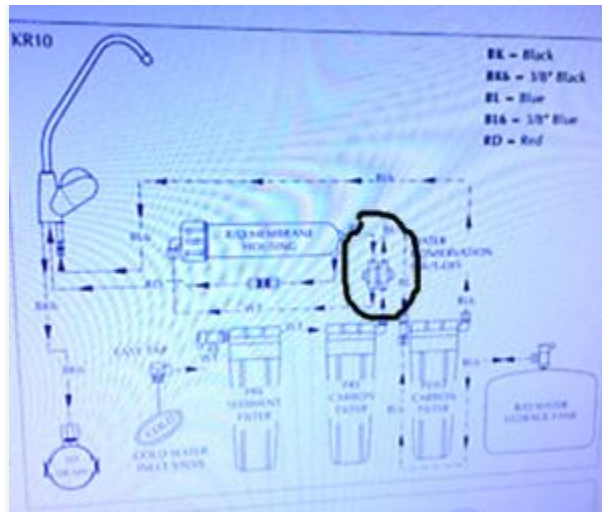


K 15



about 3 to 11 gallons of water goes to the drain for every gallon produced. Our new RO development – our RO unit is a one to one ratio.

02.21.17 12:22 PM Here is a manufacturers diagram for a Krystal Pure KR 10 reverse osmosis unit



I have circled the Krystal Pure KR 10 automatic shut off valve (in the picture above)

Krystal pure KR 10

A man called in for a shut off valve for a Krystal Pure KR 10 reverse osmosis unit (manufactured by Ameriflow – also manufacturers of the Envirotec water softener). People also refer to the Krystal pure KR 10 as an Envirotec reverse osmosis unit.

The Krystal pure KR 10 shut off valve part number is 123541