



Residential Reverse Osmosis Systems



HROK4



HROK5



HROK Systems Include:

- NSF listed John Guest style quick connect fittings.
- Filter housings made from NSF listed materials.
- NSF Standard 58, CE listed polypropylene tank. (10" diam x 15" high)
- 5 micron sediment pre-filter cartridge.
- Activated GAC granular carbon cartridge (5 stage)
- Activated carbon block cartridge.
- NSF listed Dow/Filmtec thin film membrane. 50 gpd (4 stage) 75 gpd (5 stage).
- Inline post carbon polishing cartridge.
- Automatic shutoff valve made with NSF materials.
- Long reach, lead free chrome faucet, meets California AB1953.
- Sump wrench, tubing, service valve, check valve, ball valves, flow restrictor included.
- Complete installation instructions.
- 5 stage with booster pump for sink water pressure lower than 40 psi.
- Booster pump rated to 125 psi with 110V/60 Hz, 24VDC power.

Note: For cold water use only. Do not install on hot water line. To insure that the membrane is functioning properly, the product water must be tested regularly.

HARVARD Residential Reverse Osmosis System Features:



- Pre-assembled, easy to install 4 or 5 stage RO system.
- Complete with all installation accessories and instructions.
- High rejection, thin film membrane up to 98% efficient with 50 gal/day (4 stage) or 75 gal/day (5 stage) capacity. (Note: Feed water requirements below)
- NSF Standard 58 listed, CE certified, polypropylene tank rated to 100 psi.
- All fittings, tubing, housings, valves, cartridges and membranes are NSF listed or made from NSF listed materials.
- Automatic shut-off valve made from NSF listed materials.
- Lead free, long reach chrome faucet included. Meets California AB1953 requirements.
- Cartridges, valves, fittings, sump wrench, white mounting bracket and complete installation instructions included.

Feed Water Requirements:

- Maximum TDS: 2,000 ppm
- Maximum Iron: 0.3 ppm
- Maximum hardness: 12 gpg
- Temperature: 45-100 °F
- Maximum hydrogen sulfate:0
- Maximum manganese: 0.05 ppm
- Pressure: 40-85 psi (min/max)
- pH: 4-10

The Benefits (nominal ion rejection characteristics)*

| | | | |
|-----------------|--------|----------------|--------|
| Aluminum | 96-98% | Manganese | 96-98% |
| Ammonium | 80-90% | Mercury | 94-97% |
| Borate | 30-50% | Nickel | 96-98% |
| Boron | 50-70% | Nitrate | 90-95% |
| Bromide | 90-95% | Orthophosphate | 96-98% |
| Cadmium | 93-97% | Phosphate | 95-98% |
| Calcium | 93-98% | Polyphosphate | 96-98% |
| Chloride | 92-95% | Potassium | 92-96% |
| Chromate | 85-95% | Radioactivity | 93-97% |
| Copper | 96-98% | Silica | 80-90% |
| Cyanide | 85-95% | Silicate | 92-95% |
| Fluoride | 92-95% | Silver | 93-96% |
| Hardnes Ca & Mg | 93-97% | Sodium | 92-98% |
| Iron | 96-98% | Sulfate | 96-98% |
| Lead | 95-98% | Thiosulfate | 96-98% |
| Magnesium | 93-98% | Zinc | 96-98% |

* The above percent rejection is for reference only. Actual rejection will depend heavily on the exact chemistry, temperature, pressure & TDS content of the feed water.

| Part No. | Description |
|--------------|---|
| HROK4 | 4 stage RO system, 50 gpd |
| HROK5 | 5 stage RO system, 75 gpd |
| HROK5BP | 5 stage RO system, 75 gpd w/ booster pump |
| HROKMEM50 | Dow/Filmtec TFC membrane 50 gpd |
| HROKMEM75 | Dow/Filmtec TFC membrane 75 gpd |
| HROKTANK32 | 3.2 gal plastic tank, NSF58/CE |
| HROKASV | Auto shutoff valve |