

Reverse Osmosis Drinking Water System



5 STAGE HIGH EFFICIENCY REVERSE OSMOSIS SYSTEM - RO5-75HE

- 75 GPD High Recovery Membrane
- 5 Micron Sediment Filter
- 10 Micron Carbon Block
- Inline GAC Post Carbon
- 3.2 Gallons Storage Tank
- Faucet and Tubing Included
- Quick Connect Fittings
- Minimal Maintenance Required
- 2 Year Warranty
- Assembled in the USA

Reverse Osmosis is a water purification process that dissolves inorganic and organic solids from water by forcing the water through a semi-permeable membrane. This process removes 90-99% of tap water impurities which produces safer and healthier drinking water. The high recovery membrane in this system rinses contaminants to the drain with a 1:1 ratio of waste water to good water, as opposed to the typical 4:1. Thus, conserving water and saving money.



FIVE STAGE PURIFICATION PROCESS

- **Stage 1:** The sediment filter removes dirt, sediment, sand and other physical particles.
- **Stage 2:** First carbon filter reduces chemicals, such as chlorine, present in the water supply.
- **Stage 3:** Second carbon filter further reduces organic compounds, odors, and other chemicals.
- **Stage 4:** The reverse osmosis membrane removes 93% to 97% of dissolved minerals, salts, microorganisms and other contaminants in the water supply.
- **Stage 5:** A final polishing process enhances and clarifies your drinking water through the use of a granular activated carbon postfilter.

SPECIFICATIONS

| SYSTEM | OPERATING |
|-------------------------------------------------------|-------------------------------------|
| Tank Capacity: PAE 4.4 Gallons (3.2 Net) | Daily Production Rate: 75 gpd |
| System Weight: 25 lbs. | Recovery Rate Ratio: 1:1 |
| System Dimensions: 15½" (l) x 5½" (w) x 16½" (h) | Water Temperature Range: 40° - 85°F |
| Tank & Valve Dimensions: 10½" (l) x 11" (w) x 15" (h) | Water Pressure Range: 40 - 80 psi |
| <i>All Weights and Dimensions are Approximate</i> | Allowable pH Range: 4 - 11 |

| PART NUMBERS | DESCRIPTION |
|-----------------|---------------------------------------------------|
| FAL-RO5-75HE | 5 Stage High Efficiency Reverse Osmosis System |
| FAL-RO5-75HEFP | High Efficiency RO System Replacement Filter Pack |
| FAL-RO5-75HEMB | High Efficiency RO System Replacement Membrane |
| FAL-ROTK-132W | 3 Gal. ¼" MNPT 11"X 15" RO Storage Tank (White) |
| FAL-QMP-CH-102C | Standard Long Reach Faucet - Non Air Gap (Chrome) |