### Reverse Osmosis Equipment 150 - 1,500 gpd



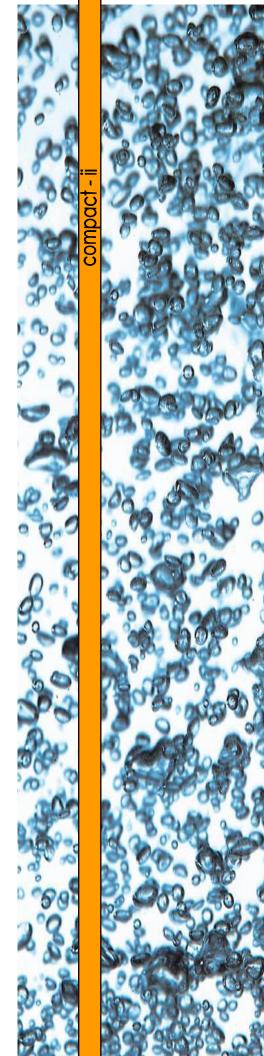
# Model: COMPACT - II



Model Shown: COM-II-450

Quality-built
Design allows for optional features

Operating pressure: 200psi Voltage: 110v or 220v



## STANDARD FEATURES:

- √Thin film composite membrane
- ✓ PVC membrane housing
- ✓ Powder-coated steel frame
- ✓ Liquid-filled system pressure gauge
- √Pressurized tank pressure gauge
- ✓ Fixed flow control, stainless steel
- √ High-pressure nylon tubing
- √High-pressure brass comp. fittings
- ✓ Storage tank pressure switch
- √Feed water inlet solenoid valve
- √1/2 hp 50/60 hz motor
- ✓Rotary vane pump
- √20" 5 micron sediment pre-filter
- √20" carbon block pre-filter

COMPACT - II GPD: 150 - 1,500

#### **OPTIONS:**

| Float | switch | for | atmosp | heric | storage | tanl | k |
|-------|--------|-----|--------|-------|---------|------|---|
|       |        |     |        |       |         |      |   |

- ☐ Product and waste flow meters
- ☐ Inlet and outlet pre-filter gauges
- □ Manual Flush
- ☐ Adjustable waste and recycle valves
- ☐ Low feed water pressure switch
- ☐ High-flow membrane
- ☐ 3/4 hp 50/60 hz motor
- ☐ 220volt motor

#### FEED WATER PARAMETERS:

◆Temperature 85° F maximum ◆Pressure 40 - 80 psi maximum ◆TDS 2000 ppm maximum.

If higher, consult factory ◆Iron tolerance 0.5 ppm maximum ◆Hydrogen sulfide must be removed ◆ Silica tolerance can not be higher than 125 ppm in the concentrate stream. Antiscalant should be considered for any levels over 75 ppm. ◆Turbidity should be removed ◆Hardness over 10gpg should be softened.

#### **OPERATING PARAMETERS:**

| MODEL       | GPD            | MEMBRANE        | PIPING           | DIMENSIONS               |  |
|-------------|----------------|-----------------|------------------|--------------------------|--|
|             | STNDRD HI-FLOW |                 | inlet waste prod |                          |  |
| COM-II 150  | 150 250        | 2.5" x 14" lea. | 1/2" 3/8" 3/8"   | 14" x 16" x 30"H 85 lbs. |  |
| COM-II 250  | 250 450        | 2.5" x 21" 1ea. | 1/2" 3/8" 3/8"   | 14" x 16" x 30"H 88 lbs. |  |
| COM-II 450  | 450 700        | 4" x 14" lea.   | 1/2" 3/8" 3/8"   | 14" x 16" x 30"H 92 lbs. |  |
| COM-II 800  | 800 1,000      | 4" x 21" 1ea.   | 1/2" 3/8" 3/8"   | 14" x 16" x 30"H 95 lbs. |  |
| COM-II 1500 | 1,500 1,800    | 4" x 40" 1ea.   | 1/2" 3/8" 3/8"   | 14" x 16" x 46"H 105lbs. |  |