



2575 Fortune Way # J
 Vista, CA 92081
 Phone: 760-734-5787
 Fax: 760-734-5798
 Email: sales@dimewater.com

**LAB WATER PRODUCTION
 AND
 LOOP CIRCULATION
 IN A
 COMBINED SYSTEM**



IDEAL FOR LABORATORIES AS WELL AS PRODUCTION FACILITIES

ONE SYSTEM COMPLETELY ASSEMBLED AND TESTED. CONSTRUCTED TO SERVICE MULTIPLE LAB OUTLETS WITH LABORATORY GRADE WATER. SIMPLIFIES INSTALLATION AND MAINTENANCE . MOVEABLE FOR EASE OF INSTALLATION,FACILITY CLEANING AND STERILIZING PROCEDURES.

STANDARD FEATURES:

- Structural polished aluminum never corrode frame.
- Entire unit exclusive of storage tank measures 66" x 30" x 72" high.
- 120 volt or 208-240 volt operation at customer option
- Non-chemical patented ESF on inlet for membrane protection. No salt, electricity, no wasted water and no moving parts
- Inlet 5 micron and acid washed carbon/KDF cartridges plus 254 nm Ultraviolet protection
- Two pass dual pump reverse osmosis unit with membranes in stainless steel housings
- 300 gallon sealed FDA compliant PE storage tank with sub-micron air filter
- Tank to integral purifying loop transfer pump with 0.1 micron cartridge filter
- Sterilization of loop water consisting of dual mixed bed DI cartridges with depletion alarm between them PLUS 185 nm Ultra Violet unit I stainless steel housing with light guards for VOC control PLUS final mixed bed DI PLUS final 0.2 Micron final filter.
- Stainless steel loop circulation pump sized to provide a Reynolds Number of 10,000 plus
- Loop piping,, tubing, and fittings constructed of PVDF.
- Loop filter cartridge housings constructed of polypropylene.
- Sanitary connections to customer's facility loop.
- Isolation valves to facilitate loop and tank sanitizing
- Complete flow, pressure and water quality instrumentation . Units microprocessor control based

<u>MODEL NUMBER</u>	<u>DAILY GALLONS/(LITERS) PRODUCED</u>
DHPC-250	250/(1,000)
DHPC-500	500/(2000)
DHPC-1000	1,000/(4000)

OPTIONS

- Storage tanks from 50 to 1000 gallons
- Stainless steel frame
- Daily water production from 100 to 5000 gallons (400 to 20,000 liters). Units over 1,000 gallons/day require larger frames
- Custom quality instrumentation
- PLC controls