

AQUA DISTILL

Water/Waste Recyclers



www.dactechnologies.com
800.800.1550 • +1 972.677.2700

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TECHNOLOGIES

AQUA DISTILL

- Green solution that allows you to save water and recycle toxic metal waste while complying with current regulations
- Recycles alloy reclaimed tank water or polish with a proven and validated process
- Easy to use equipment available in the right size for your lab
- Industrial design provides consistent process using a computer monitored technology including a self diagnostic system
- Certified safety features (UL 2208, explosion proof, automatic pressure relief)



20-Gallon Water Recycler DB100N-NBATW20

Tank Capacity:	20 gallons (80 L)
Recycling Time:	15 - 20 hours
Power:	240V, min 85 PSI
Water Transfer:	Auto transfer to and from the recycler by pneumatic diaphragm pump
Dimensions:	41.75" w x 23" d x 46.5" h (106 cm w x 58 cm d x 118 cm h)
Weight:	450 lb (204 kg.)

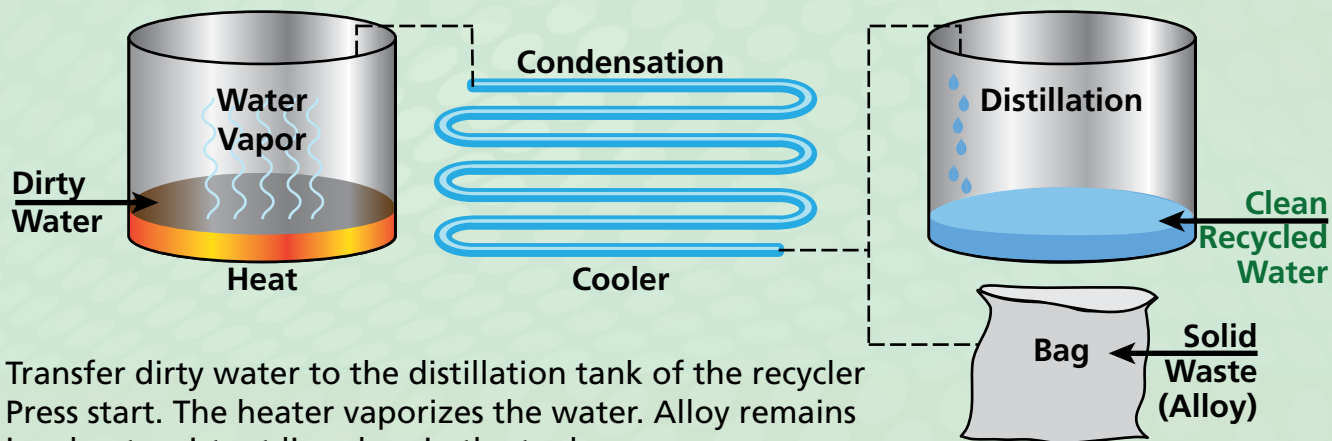


5-Gallon Water Recycler BB30N-NBATW5

Tank Capacity:	5 gallons (20 L)
Recycling Time:	3.5 - 5 hours
Power:	220V, min 85 PSI
Water Transfer:	Auto transfer to and from the recycler by pneumatic diaphragm pump
Dimensions:	28" w x 17" d x 42.75" h (71 cm w x 43 cm d x 109 cm h)
Weight:	185 lb (84 kg.)

Machine comes with a 1 year warranty for the unit and 2 years for the pump. Free lifetime phone support and one year field service by DAC Technologies/National Optronics tech support team.

Distillation Process



1. Transfer dirty water to the distillation tank of the recycler
2. Press start. The heater vaporizes the water. Alloy remains in a heat resistant liner bag in the tank
3. Clean water vapor cools as it flows through the condenser to the clean water pail
4. Transfer clean water from the recycler to be reused

Water Chemical Analysis* Tap water and alloy reclaimed tank water



Metal Tested	Tap Water	Before Treatment	After Treatment
Antimony	Not detectable	Not detectable	Not detectable
Cadmium	Not detectable	36.5 mg/L	0.0012 mg/L
Lead	Not detectable	41.3 mg/L	0.012 mg/L
Tin	Not detectable	Not detectable	Not detectable

* Tests performed by an independent NELAP accredited laboratory. The analyses and data met requirements of NELAC except where noted. All non-NELAC methods are identified accordingly and all estimated uncertainties of test results are within method or EPA specifications.

Waste Recycling Program

Collect all the solid waste filled nylon bags in a recycling drum. Once the drum is full, call DAC Technologies at 800.800.1550 to schedule a pick up time. Drum pick-ups are free of charge. Service available in the U.S.A. only.

Consumables

Part Number	Product Description
770-2150N	Lid gasket, black, for Aqua Distill 5G
LB900C-10	Liner bags for Aqua Distill 5G, 20x20 in, 10/pack
965-2150N	Lid gasket, black, for Aqua Distill 20G
LB2000E-10	Liner bags for Aqua Distill 20G, 28x32 in, 10/pack
LB900A-10	Liner bags for Aqua Distill 5G, 20x20 in, (Polish) 10/pack



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DAC Technologies North America

3630 West Miller Road, Suite 350
Garland, Texas 75041 U.S.A.

Telephone: +1 972.677.2700

Fax: 972.677.2800

Toll Free: 800.800.1550 (U.S.A. only)

cs.na@dactechnologies.com