



The BKW Mini Water Cooler

can be used for many diverse applications. Some examples include welding machinery, Laser-Plasma installations, electron microscopes, X-ray tubes, hydraulic systems, plastic molding machinery, spindles, motors, cleaning and degreasing installations, as well as numerous other applications.



The unit comes complete with a powerful water pump, tank, and complete electric controls. The uniquely designed evaporator allows water inlet temperatures down to 2° C without the use of frost inhibitors. Even freezing will not damage or cause the unit to fail. By using a BKW re-cooling unit, ever increasing cooling water costs can be avoided.

Technical Details

| Model | WRK03E | WRK04E | WRK05E | DKL03BP |
|--|----------------------------|----------------------------|--|----------------------------|
| Cooling Capacity at 15° to 10° C Water Temp. | 700 W | 900 W | 1,600W | 1700 W * |
| Cooling Capacity at 25° to 20° C Water Temp. | 840 W | 1,300 W | 2,300W | N/A |
| Heat Dissipation | approx. 1,000 W | approx. 1,900 W | approx. 3,300 W | 1700 W |
| Ambient Temperature Range | +50° to +104° F | +50° to +104° F | +95° F max. | +41° to +122° F |
| Water Tank Capacity | 1.58 gallons | 1.58 gallons | 4.23 gallons | 1.58 gallons |
| Pump Capacity | 1 gallon at 26 PSI | 1 gallon at 26 PSI | 3.25 gal. at 26 PSI | 1 gallon at 26 PSI |
| Connectors | R 3/8"-IG | R 3/8"-IG | R1/2"-IG | R 3/8"-IG |
| Refrigeration Media | R 134a | R 134a | R507 | Customer Specified |
| Maximum Refrigeration Media Capacity | 0.66 lb. | 0.66 lb. | 0.67 lb. | |
| Operating Pressure | 348 PSI | 348 PSI | 385 PSI | |
| Operating Voltage (Standard) | 230 V / 50 Hz ** | 230 V / 50 Hz ** | 230V / 50Hz ** | 230 V / 50 Hz ** |
| Control Voltage (Standard) | 230 V ** | 230 V ** | 230V ** | 230 V ** |
| Total Electric Power Consumption | 0.6 kW / 5.0 A | 0.94 kW / 7.8 A | 1.13 kW | 0.318 kW / 1.37 A |
| Noise Level | 68 dBA | 69 dBA | 70 dBA | |
| Size of Unit (Length x Width x Height) | 22.4 x 15.75 x 12.4 in. | 22.4 x 15.75 x 12.4 in. | 15.75 x 15.75 x 33.46 in. | 22.4 x 15.75 x 12.4 in. |
| Weight of Unit | approx. 70 lb. | approx. 70 lb. | approx. 117 lb. Optional casters available | approx. 60 lb. |

* At 10K temperature difference between air and water
** Also available in 110 V / 60 Hz