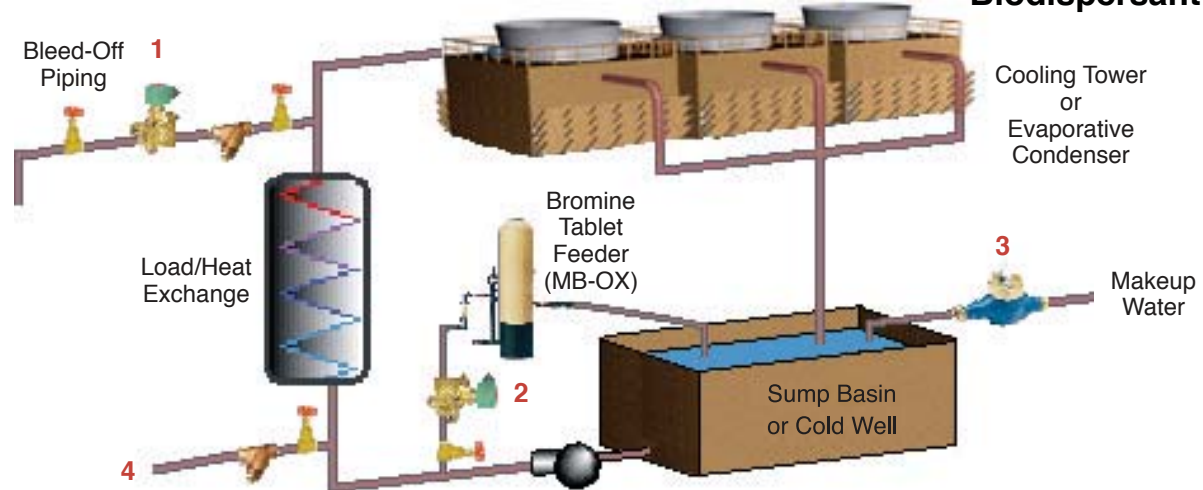


Treatment Program - Program Overview

- 1 Solenoid wired to controller conductivity sensor (bleed-off).
- 2 Solid Bromine Program: Solenoid on inlet line to feeder is wired to controller ORP sensor (MB-OX).
- 3 Contacting water meter wired to controller. Various makeup volumes activates feed of inhibitor (CT), non-oxidizing microbiocide (MB-NON), and biodispersant (CA).
- 4 Sample line for controller sensors (conductivity, ORP, and pH—if used).
- 5 Optional Liquid Bromine Program: One pump (lead pump) is wired to controller ORP sensor (MB-OX). The other pump is slaved to operate in conjunction with the lead pump.

Scale & Corrosion Inhibitor (CT)
Oxidizing Microbiocide (MB-OX)
Non-Oxidizing Microbiocide (MB-NON)
Biodispersant (CA)



Feed & Control Equipment

Description	Manufacturer	Qty	Options
Water Meter, Contacting Head	SeaMetrics	1	3/4", 1", 1-1/2", 2"
Solid Bromine Program: Bromine Feeder	Vector Neptune	1	15 or 25 lb Capacity 40 or 80 lb Capacity
Chemical Metering Pump	Iwaki (Walchem)	3	EHBxxR1-PC
Conductivity and pH or ORP Conductivity, pH and/or ORP, Internet+	Walchem (Contact Office)	1	WDT-310 WebOne

Optional Liquid Bromine Program

5 Optional MB-OX

Inject to Sump/Cold Well, suction side of recirculating pump or downstream of heat exchangers (use injection quill or corporation stop).

Treatment Program - Program Overview

Abbrev.	Product Function	Product Name	Control Test	Control Limits	Notes
CT	Scale and Corrosion Inhibitor	CT-6500 CT-6525	Molybdenum Molybdenum	0.27 - 0.30 ppm Mo	
		CT-6318	Dispersant	See Notes	CT-6318, High stress cooling water: 80-90% Dispersant CT-6318, Low stress cooling water: 80-100% Dispersant
MB-OX	Oxidizing Biocide	MB-9496 MB-9438/Cl ₂ ClO ₂	Free Chlorine	0.1 - 0.3 ppm Cl ₂	Solid (tablet): Use Neptune bromine tablet feeder Liquid: Use Activation Chamber. Add 1 vol. MB-9438 per 3 vol. REG 13 Contact office for generation recommendations
MB-NON	Non-Oxidizing Biocide	Sump Buddy WT MB-9705 MB-9615	None	Not Applicable	Use floating feeder: 1-2 tablets/1000 gal volume every 3 weeks 1-2 ounces/1000 gallons bleed-off 1-3 pints/1000 gallons volume. Frequency: per WT Systems Profile
Acid	Alkalinity and pH Suppression	CT-6180 Sulfuric Acid, 66° Be'	pH	7.9-8.1 (Galv.) 8.1-8.5 (Non-Galv.)	Acid and deposit inhibitor combination Use in conjunction with CT-6500, CT-6525 or CT-6318

METERS: MYRON L

TEST KITS: No Charge For Test Kits and Operations Manual (Initial Orders)

Product	TK Model	Test Summary
CT-6500 CT-6525	ATK-C6500	Free Chlorine, Molybdenum Chloride
	ATK-C6500-PH	Free Chlorine, Molybdenum Chloride, pH
CT-6318	ATK-C6300	Free Chlorine, Dispersant Chloride
	ATK-C6300-PH	Free Chlorine, Dispersant Chloride, pH

Meter	Function	Ranges
Ultrameter Model 4P (Digital)	Conductivity	0 - 9,999 μ S, 10 - 200 mS
	Resistivity	10 K Ω - 30 M Ω
	Temperature	32 - 160°F., (0 - 71°C)
Ultrameter Model 6P (Digital)	Conductivity	0 - 9,999 μ S, 10 - 200 mS
	Resistivity	10 K Ω - 30 M Ω
	Temperature	32 - 160°F., (0 - 71°C)
	pH	0 - 14
	ORP	\pm 999 mV
DS Meter Model EP-10	Conductivity, 4 Ranges	0 - 10, 10 - 100, 100 - 1000, 1,000 - 10,000 μ mho/cm
DS Meter Model 512M6	Conductivity, 1 Range	0 - 5,000 μ mho/cm