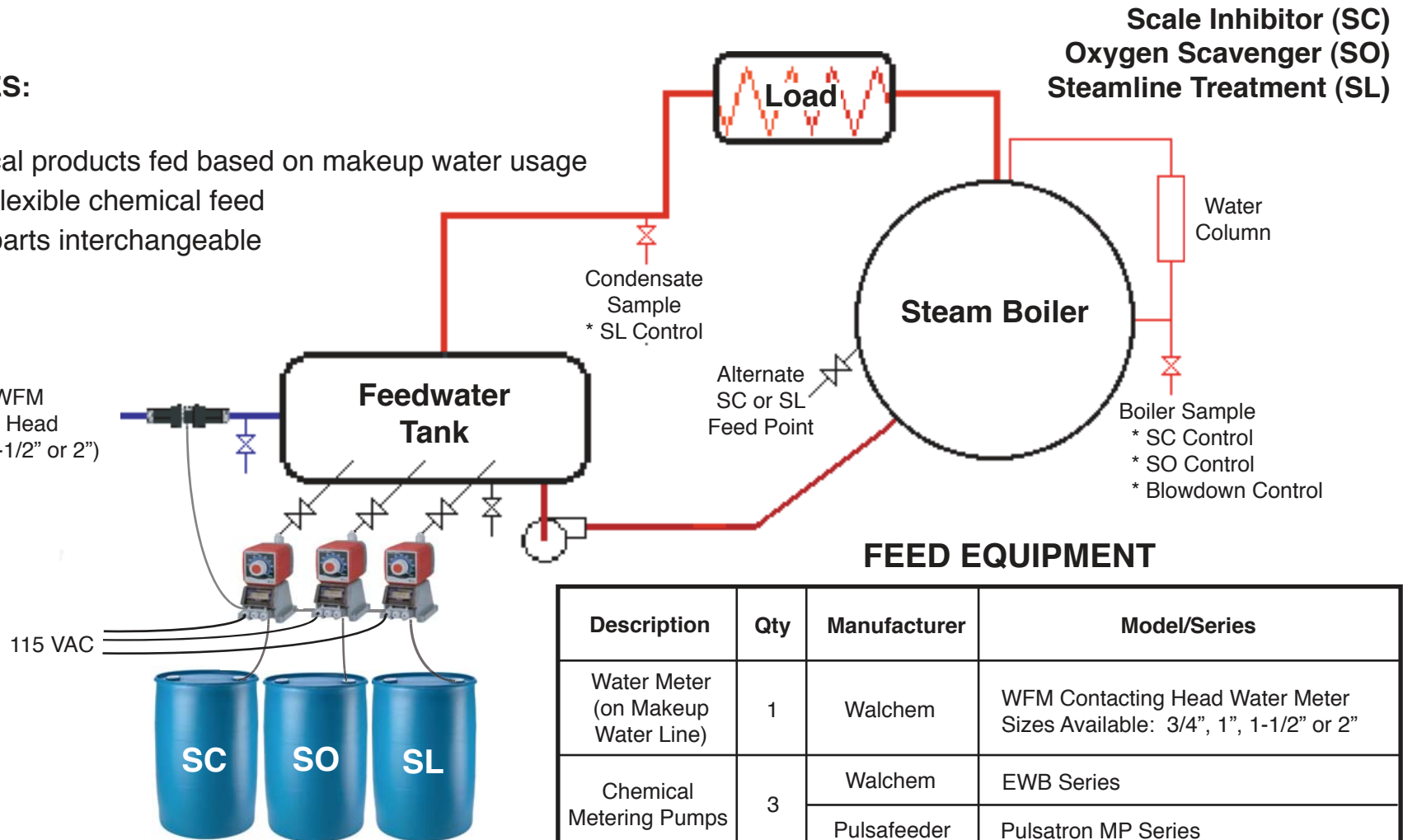


Treatment Program - Unsoftened Makeup

FEATURES:

- Chemical products fed based on makeup water usage
- Highly flexible chemical feed
- Pump parts interchangeable

Walchem WFM
Contacting Head
(3/4", 1", 1-1/2" or 2")



Description	Qty	Manufacturer	Model/Series
Water Meter (on Makeup Water Line)	1	Walchem	WFM Contacting Head Water Meter Sizes Available: 3/4", 1", 1-1/2" or 2"
Chemical Metering Pumps	3	Walchem	EWB Series
		Pulsafeeder	Pulsatron MP Series

Treatment Program - Unsoftened Makeup

Abbrev.	Product Function	Product Name	Sample Point	Control Test	Control Limits	Notes
SC-	Scale Inhibitor	SC-1220	Boiler Water Column	Boiler Water "OH" Alkalinity	200-350 ppm as PO ₄	FDA accepted for contact with food and food products (21 CFR §173.310)
SO-	Oxygen Scavenger	SO-2230	Boiler Water Column	Boiler Water Sulfite	30-50 ppm as Na ₂ SO ₃	FDA accepted for contact with food and food products (21 CFR §173.310)
SL-	Steamline Treatment	SL-3115 SL-3644 SL-3510	Condensate Return Line	Condensate Return pH	8.0-8.5 7.5-8.0 7.8-8.2	FDA accepted (21 CFR §173.310). No food contact or humidification. Accepted for contact with milk and milk products.

TEST KIT: AWT-B1200* Order No. ATK1210

No Charge for Test Kit and Operations Manual (Initial Orders Only)

Sample	Test	Method Summary
Boiler Water	Sulfite	Titration, 5 ppm/drop
Boiler Water	"OH" Alkalinity	Titration, 20 ppm/drop
Boiler Water	Conductivity (Neutralized)	Meter, conductivity (not included with kit... see "Meters")
Condensate Return	Conductivity	Meter, conductivity (not included with kit... see "Meters")
Condensate Return	pH	Phenol Red color wheel (or pH Meter... see "Meters")

*Buret titration methods also available.

METERS: MYRON L

Sample	Function	Ranges
UltraMeter Model 4P (Digital)	Conductivity	0-9,999 μS, 10-200 mS
	Resistivity	10 KΩ-30 MΩ
	Temperature	32°-160°F (0-71°C)
UltraMeter Model 6P (Digital)	Conductivity	0-9,999 μS, 10-200 mS
	Resistivity	10 KΩ-30 MΩ
	Temperature	32°-160°F (0-71°C)
	pH	0-14
	ORP	±999 mV
DS Meter Model EP-10 (Analog)	Conductivity, 4 ranges	0-10, 10-100, 100-1,000 1,000-10,000 μmho/cm
DS Meter Model EP-11/pH (Analog)	Conductivity, 4 ranges	0-10, 10-100, 100-1,000 1,000-10,000 μmho/cm
	pH	2-12