

DESCRIPTION

The DREW Beta Metering Systems are designed to accurately dose selected marine chemical treatment products to pressures of up to 16 bar utilizing solenoid driven diaphragm metering pumps. Its efficient design, reliability, and accuracy are proven for the rugged shipboard environment and the chemical industry worldwide making it easy to support and maintain.

Each system consists of a tank and steel frame for safe mounting to a metal deck, a pump mounted on the tank and a fitting kit necessary for suction and discharge. A sensor is provided to alert the user of low chemical levels. Additional electrical connections are provided on the pump to allow for integration into the vessel's exist in boiler or engine room control and alarm panel.

The pump selected is dependent on the marine application. Recommendations listed below are based on chemical compatibility and the pressures and flow rates required for treating typical shipboard systems. For specific applications not listed or for more information, contact your local Drew Marine representative.

APPLICATIONS

Evaporator Treatment: Beta 1605

- AMEROYAL® evaporator treatment
- AMEROYAL CF concentrated evaporator treatment
- AMEROYAL CF/HG concentrated evaporator treatment

Boiler Water Treatment:: Beta 1605

- AGK®-100 boiler and feedwater treatment
- AMERZINE® corrosion inhibitor
- CATALYZED SULFITE™ corrosion inhibitor
- DREWPLEX® AT boiler water treatment
- DREWPLEX OX corrosion inhibitor
- SLCC-A™ condensate corrosion inhibitor

Cooling Water Treatment: Beta 0420

- CIL™ corrosion inhibitor
- DREWGARD® CWT diesel engine cooling water treatment
- DREWSPERSE® SWD seawater dispersant
- LIQUIDEWT™ cooling water treatment
- MAXIGARD® diesel engine water treatment

Fuel Oil Treatment: Beta 1605 or Beta 0420

Will vary depending on dosing location pressure and flow rates required.

- AMERGIZE® deposit modifier/combustion improver



PCN 1AA8978 - DREW Beta 1605 Metering System
PCN 1AA8979 - DREW Beta 0420 Metering System

- AMERGY® 100 combustion improver
- AMERGY XLS PLUS low-sulphur fuel oil conditioner

SPECIFICATIONS

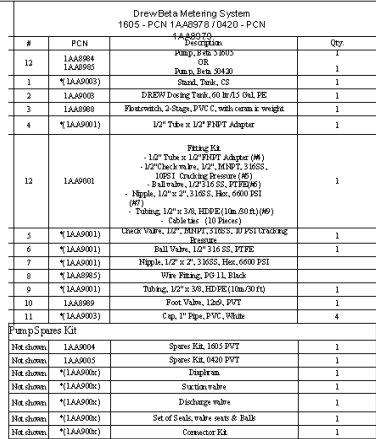
For all

Power Supply	100-230 VAC/ 50-60 Hz 23W 0.8-0.3 A
Tank Capacity:	60 liters (15.85 gallons)
Tubing:	10 meters flexible 1/2" PE

PUMPS

Pump	Beta 1605 Beta 0420
Medium Pressure	16 Bar (232 psig) 04 Bar (58 psig)
Flow Rate	5 L/h (1.3 GPH) 20 L/h (5.0 GPH)

Flow rates will vary slightly depending on the pressure.



Drew Marine®

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