

DESCRIPTION

The DREW Promus Metering System is designed to meter selected marine chemical treatment products to pressures of up to 140 bar (2080 psig) utilizing a chemical metering pump. It is a motor driven hydraulically actuated diaphragm pump. Its efficient design, reliability, and accuracy are ideal for the rugged shipboard environment and proven for 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 with a foundation for safe mounting, the necessary suction tubing and fittings, and an injection valve assembly. The discharge tubing or piping between the pump and injection valve is owner supplied.

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

APPLICATIONS

Boiler Water Treatment (injection pressures > 16 bar):

- 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

SPECIFICATIONS

Power Supply:	115/208 – 230 VAC; 1 ph; 60 Hz
Maximum Amps:	8.4/4.1- 4.2
Tank Capacity:	60 liters (15.85 gallons)
Tubing:	10 meters, flexible ½” PE
Pressure:	140 Bar (2080 psig)
Capacity:	7.6 L/h (2 G/h)



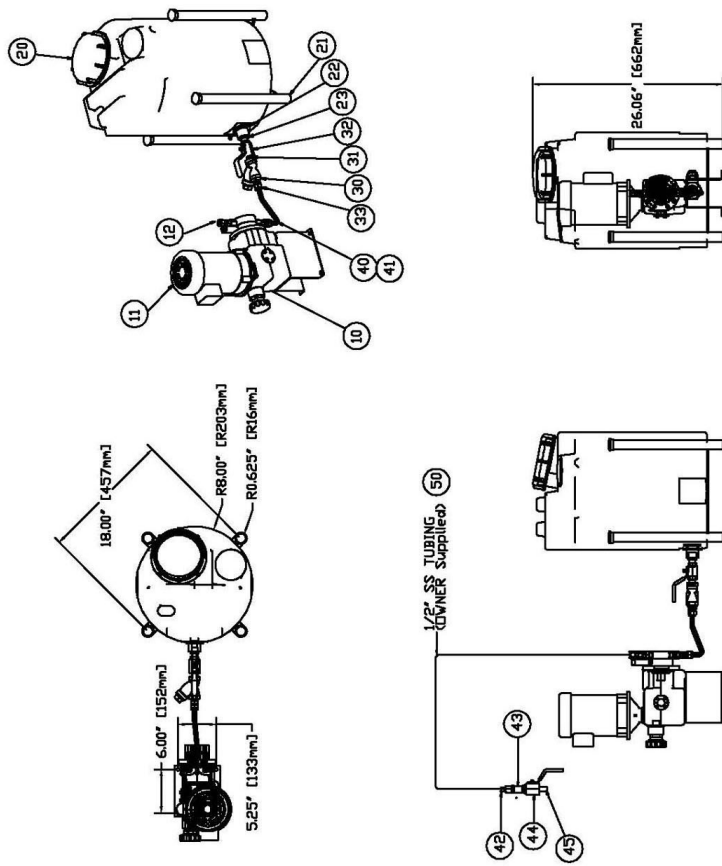
DREW Promus Metering System (PCN 1AA8980)



Contact your Drew Marine representative for more information

Drew Promus Metering System			
#	PCN	Description	Qty
10	1AA8986	Pump, Promus	1
11	* (1AA8986)	Motor, 1/2hp/220 VAC, 1ph, 60Hz	1
11	1AA9110	Motor (only)	1
12	* (1AA8986)	Connection, 1/2" MNPT x 1/2" Tube, 316SS	2
20	1AA9003	Dosing Tank, 60 ltr/15 gal., PE	1
21	* (1AA8000)	Carbon Steel Tank Stand	1
22	* (1AA8000)	Bulkhead Fitting, 1/2" 316SS	1
23	* (1AA8000)	Reducer, 3/4" MNPT x 1/2" FNPT	1
30	*	Y-Strainer, 1/2" FNPT 316SS, TXT 20 Mesh	1
31	*	Nipple, 1/2" Close, 316 SS	2
32	*	Ball Valve, 1/2" FNPT 316SS / Teflon	1
33	*	Connection, 1/2" MNPT x 1/2" Tube	1
40	1AA9001	Fitting Kit, 1/2" Tubing	1
41	* (1AA8001)	Tubing, 1/2" OD, PE	2 mtr
42	* (1AA8001)	Connection, 1/2" MNPT x 1/2" Tube	1
43	* (1AA8001)	Check Valve, 1/2" FNPT 316SS	1
44	* (1AA8001)	Ball Valve, 1/2" FNPT 316SS / Teflon	1
45	* (1AA8001)	Nipple, 1/2" MNPT x 2" L, 316 SS	1
50	*	Pump discharge tubing, 316 SS (Owner Supplied)	TBD
not shown	1AA9006	Pump Spares Kit	
not shown	* (1AA8006)	Spare Kit, Promus Pump	1
not shown	* (1AA8006)	Diaphragm, 17 PTFE	1
not shown	* (1AA8006)	Upper Check Valve Seals	2
not shown	* (1AA8006)	Lower Check Valve Seals	2
not shown	* (1AA8006)	Check Valve Seals	6
not shown	* (1AA8006)	Ball Guide	4
not shown	* (1AA8006)	Pin Ball Guide	4
not shown	* (1AA8006)	Ball	4

PCN - When ordering spares, specify the PCN. * - Indicates the spare part is not supplied separately. () - Indicates the spare part is included with the PCN indicated.



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DREW Promus Metering System



PCN 1AA8986

DWG# :DM-7745834-200



Contact your Drew Marine representative for more information

Drew Marine maintains Safety Data Sheets on all of its products. These documents contain health and safety information for the development of appropriate product handling procedures to protect your employees. Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



Drew Marine®

**100 South Jefferson Road
Whippany, NJ 07981 USA
1-973-526-5700
Drew-Marine.com**

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