

Howell Laboratories, Inc. Marine Products

Air Dehydrators for Electronics Air Service (-40° F)

Membrane Dehydrators (Low-Pressure Air)

Model	Dwg	Spec	Description	Ships
6995 Mk I	6995	BIW 96-551-07A	20 scfm	DDG 83 & following
6995 Mk IA	6995	BIW 96-551-07A (mod) & ECP C001	20 scfm ICAS	DDG 89 & following
6995 Mk II	7150	BIW 96-551-07A (mod)	30 scfm	CG 48 class, DDG 51 & follow; FFG; CG; LHA; LHD; LPD; LSD
7144 Mk I	7144	n/a	3 scfm	Various

Dehydrators for Service Air (+40° F)

Condenser-Filter Dehydrators (Low-Pressure Air):

Model	Dwg	Spec	Description	Ships
5295 Mk I	5295	24693-0	200 scfm	DDG 54 thru 72
5295 Mk IA	5295	BIW 551-34C	200 scfm	DDG 86 thru 112
5295 Mk II	6115	24693-0	200 scfm	LSD 49, AE-26
5295 Mk III	6438	24693-0	200 scfm	DD 963
5295 Mk IV	6638	24693+	200 scfm	LHD 5 Class
5295 Mk V	6656	24693+	200 scfm	AOE 10 Class
5295 Mk VI	6800	24693+	200 scfm	LHA 2, LCC 20, AGF 3, LHD 1
5295 Mk X	6181	24693+	200 scfm	NAVSES Lab
7301 Mk I	7301	n/a	100 scfm	NAXI replacement for FFG 7 class

Moisture Measurement Equipment

Portable Frost Point Indicators

For spot-checking dehydrator performance and air quality shipwide.

Model	Dwg	Spec	Description	Ships
5100	5100	24144C	High-pressure	Various
5250	5250	24144C	Low-pressure	Various
HLI9000	n/a	MIL-M-24144D	LP to HP	Various

Add-On Dew Point Monitor and Alarm Systems

Automatic monitoring to replace unreliable units, or when dehydrator doesn't include a humidity alarm.

Model	Dwg	Spec	Description	Ships
7148	7148	461C	Low-pressure	LHD 7
7149 Mk II	7149	461C	High-pressure	DDG 51 Class

Air Control Panels

Model	Dwg	Spec	Description	Ships
4870	4870	NAVSEA 803-1385925 Rev. C	Low-pressure	Various
5642	5642	NAVSEA 803-1385925 Rev. E	Low-pressure	Various
8570	8570	ITT 299015 Rev. C	Low-pressure	CVN 68, LHD 1, LHA-1 classes

6995

5295

5250

7148

HLI9000

4870

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Anti-Fouling Systems (Chlorinators)

Model	Dwg	Spec	Description	Ships
7600 ECOLCELL	7600	BIW FY02-256-01B	1/2 lb FAC/hr	DDG-51 class
"PORT-A-CHLOR" 8600 Mk I	8600	MIL-PRF-32236	1/4 lb FAC/hr	MCM Class
8850 Mk II	8850- G502	GD Electric Boat	1 lb FAC/hr Dockside	Virginia Class

Potable Water Treatment Systems

Inline Mixed-Oxidant Electrolytic Disinfectant Generators (MEDGs)

Model	Dwg	Spec	Description	Ships
7060 Mk I	7060	Avondale 6179	2 lb FAC/day	LPD 17 class
7060 Mk II	7560	NNSY	4 lb FAC/day	CVN 65, CVN 68 classes

Combination Inline and Recirculating MEDGs

Model	Dwg	Spec	Description	Ships
7060 Mk III	7772	Ingalls	4 lb FAC/day	LHD 8, LHA 6 classes
8060 Mk I	8060	BIW Q2-03309-01	2 lb FAC/day	DDG 1000, DDG 51, CG 47, FFG 8 classes
8060 Mk II	8060- G502	n/a	2 lb FAC/day	intended for DDG 51, CG 47, FFG 8 classes

Recirculating Brominators

Model	Dwg	Spec	Description	Ships
6550	6550	n/a	15 gpm	110' USCG Island Class
6651-2C350	6667	n/a	Sea Lift Conversion (NASSCO)	T-AKR 295
6651-2C110	6700	n/a	Sea Lift Conversion (NNS)	T-AKR 296

Proportioning Brominators

Model	Dwg	Spec	Description	Ships
6652-C12	6666	n/a	Sea Lift Conversion (NASSCO)	T-AKR 295
6652-C12	6701	n/a	Sea Lift Conversion (NNS)	T-AKR 296
6652-C100	8711	n/a	Low-flow proportioning	35-M Patrol Boats

Combination Recirculating and Proportioning Brominators

Model	Dwg	Spec	Description	Ships
6979	6979	n/a	Double Eagle	Commercial Tankers

Potable Water Chlorine Analyzers

Model	Dwg	Spec	Description	Ships
8014 Mk I	8014	n/a	Line-pressure-driven	LHD 8, LHA 6
8014 Mk II	8014-G502	2090	Pump-driven	CVN 78

7600 ECOLCELL



"PORT-A-CHLOR" 8600 Mk I



7060 Mk III

8014 Mk I



8060 Mk I



8850 Mk II



6550

