



## Heavy-Duty Seawater Pumps

Centrifugal Pumps for Submersible Or Self-Priming Applications



Cruisair specifies reliable, heavy-duty centrifugal pumps to provide a steady flow of cooling water through the air conditioning system.

The glass reinforced polypropylene head pumps have magnetic drive impellers, and are available with submersible or air cooled motors. Larger pumps have bronze heads with mechanical seals, and air cooled, drip-proof motors. A wide range of pumps and motors are available for use in different power environments.

Centrifugal pumps must be mounted below the water line. Self-priming pumps are also available for above water line applications. A scoop type through-hull and a seawater strainer are recommended for proper operation.

When more than one air conditioning unit is served by a single pump, a separate pump relay is used. To complete the installation, Cruisair can also supply water manifolds, hose, and fittings.

### Key Benefits

- High-capacity centrifugal pumps
- 250 to 10,800 GPH capacities
- 115V and 230V/60Hz, 240V/50Hz, and 220/440V 3-phase models
- Seawater-grade construction with glass-filled polypropylene or bronze pump heads
- Water-cooled (submersible) or air-cooled motors
- High-head pressure models available
- Self-priming pumps available
- Meet or exceed applicable ABYC and US Coast Guard regulations, CE directives, and general Air Conditioning and Refrigeration (ARI) standards

**Cruisair**<sup>®</sup>

by Dometic GROUP

# Specifications for Heavy-Duty Seawater Pumps

Model <sup>(1)</sup>	Voltage(V)	Qty <sup>(2)</sup>	Phase(Ph)	Amps(A)	Water Flow(gpm/lpm)	Feet of head(ft/m)	Head Connection(in)	Outlet Connection(in)	Height (in/ftm)	Width (in/ftm)	Depth (in/ftm)
FHL250	115	60Hz	1	1	3/11.4	7/2.2	3/4	1/4	4/7/20	5/6/143	6/2/153
FHL250C	230	50Hz/60Hz	1	0.5	3/11.4	7/2.2	3/4	1/4	4/7/20	5/6/143	6/2/153
FHL500	115	60Hz	1	25	6/22.8	14/4.3	3/4	1/2	5/6/143	5/6/143	7/4/188
FHL500C	230	50Hz/60Hz	1	1	6/22.8	14/4.3	3/4	1/2	5/6/143	5/6/143	7/4/188
FHL500K	230	50Hz	1	1	6/22.8	9.5/2.9	3/4	1/2	5/6/143	5/6/143	7/4/188
FHL900	115	60Hz	1	21	7.5/24.4	14/4.3	3/8	3/8	5/12/7	4/10/2	9/22.9
FHL900C	230	50Hz/60Hz	1	1	7.5/24.4	14/4.3	3/8	3/8	5/12/7	4/10/2	9/22.9
FHL900K	230	50Hz	1	0.9	5/18.1	11/3.4	3/8	3/8	5/12/7	4/10/2	9/22.9
FHL1000	115	60Hz	1	2.2	12/45.5	14/4.3	3/8	3/8	6.25/19	4.5/11.5	9/12.2
FHL1000C	230	50Hz/60Hz	1	1.2	12/45.5	14/4.3	3/8	3/8	6.25/19	4.5/11.5	9/12.2
FHL2000KT	115	50Hz/60Hz	1	10.4	20/75.8	5/1.6	1	1	6/6/18	6/5/16	13/6/36
FHL2000KSP	115	50Hz/60Hz	1	10.4	20/75.8	5/1.6	1	1	6/6/18	6/5/16	13/6/36
FHL3000KT	115	50Hz/60Hz	1	10.4	20/75.8	5/1.6	1	1	6/6/18	6/5/16	13/6/36
FHL3000K	115	50Hz/60Hz	1	7	25/94.7	7/2.2	1/4	1/4	8/12/6	6/5/16	13/33.1
FHL5000BX	230	50Hz/60Hz	3	34	25/94.7	15/4.6	1/4	1/4	8/12/6	6/5/16	15/4/33.2
FHL8000K	115	50Hz/60Hz	1	7	37/136	15/4.6	1/4	1/4	8/12/6	6/5/16	13/33.1
FSL2000K	115	50Hz/60Hz	1	7.2	37/140.1	15/4.6	1/4	1/4	8/12/6	6/5/16	13/33.1
FHL0000KT	115	50Hz/60Hz	1	10.6	57/193.3	7/2.2	1/4	1/4	8/12/6	6/5/16	14/2/35.1
FHL0000KSP	115	50Hz/60Hz	1	13.8	57/193.3	3/9.2	1/2	1/2	9/8/24	8/5/21.6	18/7/45
FHL0000KT	115	50Hz/60Hz	1	3.4	57/193.3	2/6.1	1/4	1/4	6/6/18	6/5/16	14.2/35.1
FSL0000BX	230	50Hz/60Hz	3	26	57/193.3	2/6.1	1/4	1/4	8/12/6	6/5/16	15.4/33.2
FHL0000KSP	115	50Hz/60Hz	1	13.8	57/193.3	3/9.2	1/2	1/2	9/8/24	8/5/21.6	18/7/45
FSL0000K	230	50Hz/60Hz	1	6	57/193.3	2/6.1	1/4	1/4	9/29	9/7/24	14.5/33.9
FHL0000KSP	230	50Hz/60Hz	3	34	57/193.3	2/6.1	1/2	1/2	9/29	8/5/21.6	14.5/33.9
FHL0000K	230	50Hz/60Hz	3	28	70/234.1	2/6.1	1/2	1/2	9/4/29	6/5/16	14.5/33.9
FHL0000K	115	50Hz/60Hz	1	14.2	70/234.1	3/9.2	1/2	1/2	9/4/29	6/5/16	15.8/40.2
FHL0000K	230	50Hz/60Hz	3	38	70/234.1	3/9.2	1/2	1/2	9/4/29	6/5/16	15.8/40.2
FHL0000KSP	230	50Hz/60Hz	1	64	70/234.1	2/8.6	1/2	1/2	11/5/23	8/5/21.6	21.5/54.7
FHL0000K	230	50Hz/60Hz	3	5	93/307	4/7.3	2	2	9/7/24	8/5/21.6	16/40.7
FHL0000K	115	50Hz/60Hz	1	15	130/492.2	1/8.5	2/2	2/2	10/24	8/5/21.6	17/6/48
FHL0000KSP	230	50Hz/60Hz	3	34	130/492.2	1/8.5	2/2	2/2	10/24	8/5/21.6	17/6/48
FHL0000K	330	50Hz	3	54	175/625	2/6.1	2/2	2/2	10/24	8/5/21.6	18/48
FHL0000K	115	50Hz/60Hz	1	14.2	180/681.4	2/6.1	2/2	2/2	10/24	8/5/21.6	18/48
FHL0000K	230	50Hz/60Hz	1	5.2	180/681.4	2/6.1	2/2	2/2	10/24	8/5/21.6	18/48

1. For information about pumps larger than P711, please call the applications department at 564-975-2477.  
 2. 50Hz pumps may be operated at 50Hz and rated voltage with a 17% reduction in flow and run time as a 30% drop in head. 60Hz pumps may not be operated at 50Hz.

**DOMETIC MARINE DIVISION**  
 2000 N. Andrews Ave. Ext. | Pompano Beach, FL 33069 USA | Tel. 954-973-2477 | Fax: 954-979-4414  
 www.Dometic.com/Marine | MarineSales@DometicUSA.com

**24/7 TECH SUPPORT FOR UNITED STATES & CANADA:**  
 8:00 AM to 5:00 PM Eastern Time: 800-542-2477  
 After hours and weekends: 888-440-4494

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Specifications and availability subject to change without notice.

Dealer

