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.

### Features
- High capacity, centrifugal pumps
- 250-10,800 gph capacities
- 115V and 230V, 60 Hz; 240V, 50 Hz; and 220/440V, 3 ph. models
- Seawater grade construction, with glass filled polypropylene or bronze pump heads
- Submersible or air cooled motors
- High head pressure models available
- Self-priming pumps available
### INTERPRETING MODEL NUMBERS

- **P**: Pump, mechanical seal, air-cooled motor
- **PMA**: Magnetic drive, air-cooled motor
- **PDS**: Direct drive, submersible
- **PML**: Magnetic drive, submersible
- **PH**: Mechanical seal, high head only
- **PH**: Mechanical seal, high head only
- **SP**: Self priming
- **No Letter**: Polypropylene
- **Centrifugal**: No Letter

### TECHNICAL SPECIFICATIONS

- 1" to 3/4" bushing included; **3/4" FPT adaptor included

### NOTES:
- When operating a 50/60 Hz pump at 50 Hz, the flow rate will decrease approximately 17%, while the head capability will drop as much as 30%.
- Hose fittings are not included with pumps and must be ordered separately.