

VARIABLE SPEED FRESH WATER PUMP PRODUCT TECHNICAL DATA SHEET

OEM: 55AQUAJET-OES-24

AFTERMARKET: 55AQUAJET-AES-24 (Includes Fittings, Retail packaged)

**APPLICATION:** Fresh Water Pumping applications (Water Only)

**PUMP DESIGN:**

Type: 5 Chamber Positive Displacement Diaphragm  
 Maximum Flow: 3.4 GPM [12.75 LPM]  
 Fluid Ports: ¾" Quick Attach Female  
 Liquid: 140 F [60 C] MAX  
 Dry Prime: 10 feet [3.3M]  
 Run Dry: Yes  
 Shut Off Pressure: 65 PSI [4.5 Bar]  
 Control: Variable Speed Electronic Controller and Dual Control Pressure Switch/Bypass  
 Check Valve: Yes



**Electrical:**

Motor: 24 VDC Permanent Magnet, Intermittent Duty  
 Voltage Range: 23.5 VDC – 27.5 VDC  
 Max Amps: 4.0 Amps  
 Protection: Thermal Overload, Low Voltage @ 23.0 VDC  
 Leads: 14 AWG, 6" [15cm]  
 Fuse: 5.0 Amp Included on Aftermarket (-AES)  
 Control: Variable Speed Controller  
 Max Temp: 180 F [82 C]



**Materials of Construction**

Housing: Polypropylene  
 Valves: EPDM  
 Diaphragm: Santoprene  
 Base: Metal Enclosure with Grommets  
 Hardware: Stainless Steel

**AGENCY APPROVALS:**

CE, CSA, RoHs, IAPMO, NSF

**SHIPPING INFORMATION:**

Part Net Weight: 8.0 lbs [3.62 kg]  
 Carton Quantity: 4 Units  
 Carton Size: 12"x12"x12"  
 Carton Weight: 38 lbs [ 17.23 kg]

PSI	GPM	BAR	LPM	Amperage
0	3.40	0.00	12.87	1.75
10	3.00	0.69	11.36	2.25
20	2.70	1.38	10.22	2.78
30	2.30	2.07	8.71	4.00
40	2.00	2.76	7.57	4.00
50	1.60	3.45	6.06	4.00
60	1.25	4.14	4.73	4.00
70	0.50	4.83	1.89	4.00

## HEAT RISE 55AQUAJET-AES-24

