

		1717 Doolittle Dr. San Leandro, CA 94577, USA Phone: 1-510-483-7370 FAX: 1-510-483-7371		Energy Recovery, Inc. Technical Specifications Sheet			REV	BY	CKD	REVISION	DATE			
				0	AGR	AA	Initial Release	4/29/2025						
DESCRIPTION: TECHNICAL DATA SHEET ATMP-1736-9 PUMP				SHEET										
				1 of 1										
				Document Number										
				80948-01										
				MANUFACTURER										
				ERI										
1. Part Number		92382-9		2. Service:				3. Reference:						
OPERATING DATA	4	Liquid	Seawater	33	MATERIALS	Shaft Seal Housing	SAF 2507 Super Duplex SS							
	5	Specific Gravity	1.03	34		Bell Housing	Epoxy Coated GG25 Cast Iron							
	6	Viscosity	1.060 cP @ 70°F (21.1°C)	35		Impeller	EN 1.4539; SAE 904 L; UNS N08904							
	7	Operating Temperature	32°F - 104°F (0°C - 40°C)	36		Impeller Bushing	EN 1.4539; SAE 904 L; UNS N08904							
	8	Minimum Flow	See ERI Document [curve doc]	37		Wear Ring	EN 1.4539; SAE 904 L; UNS N08904							
	9	Maximum Flow	See ERI Document [curve doc]	38		Integrated Check Valve	EN 1.4539; SAE 904 L; UNS N08904							
	10	Minimum Inlet Pressure	14.5psi (1 bar)	39		Sleeve	EN 1.4462; SAF 2205; Duplex SS							
	11	Maximum Outlet Pressure	1200 psi (83 bar)	40		Shaft	EN 1.4462; SAF 2205; Duplex SS							
	12	NPSH _R	See ERI Document [curve doc]	41		Inlet/Outlet	SAF 2507 Super Duplex SS							
	13	Maximum Design Speed	VFD Operated up to 3550 RPM	42		Elastomeric Seals	NBR (neoprene) Rubber							
	14	Efficiency	See ERI Document [curve doc]	43		Shaft Coupling	EN 1.4462; SAF 2205; Duplex SS							
	15	Pump Power	See ERI Document [curve doc]	44		Coupling Guard	Stainless Steel							
	DESIGN	16	Number of Stages	9		45	MOTOR	Motor Support	Steel with Epoxy Paint					
		17	Inlet Size	6" (DN 150)		46		Fasteners (non wetted)	Stainless Steel (EN 1.4301) - 304 SS					
		18	Outlet Size	6" (DN 150)		47		Frame Size	315L					
19		Inlet Connection	Grooved Pipe	48	Frequency	50/60 Hz - Inverter Duty								
20		Outlet Connection	Grooved Pipe	49	Maximum Rated Power	422 HP (315 kW)								
21		Impeller Diameter	6.8" (173.6 mm)	50	Type	Horizontal FF-600 C-face IEC, IP54								
22		Minimum Impeller Diameter	N/A	51	Voltage	380/440 Volts at 50/60 Hz								
23		Maximum Impeller Diameter	N/A	52	Phase	3								
24		Seal Lubrication	API Plan 02	53	Manufacturer	Siemens								
25		Shaft Seal	Pressure Balance Mechanical Seal	54	Tropicalization	Optional								
26		Seal Face Materials	Ceramic/Silicon Carbide	55	Paint System	Manufacturer Standard C2								
TESTING		27	Shaft Seal Manufacturer	Manufacturer's standard	56	Case Hydrostatic		1750 psi (120 bar)						
	28	Shaft Coupling	Torsionally Flexible	57	Impeller Balance	N/A								
	29	Thrust Bearing Housing	SAF 2507 Super Duplex Stainless Steel	58	Motor Test	See Motor TDS								
	30	Direction of Rotation	CW facing pump drive end	59	Witness Test	Optional								
	31	Casing Split	Radial	60	Material Certs	Optional								
	32	Thrust Bearing	Ceramic and Carbon	61	Curve Tolerance	ISO9906:2012 3B								
	33	Casing Drain	N/A											
Notes: ERI RESERVES THE RIGHT TO MAKE SPECIFICATION CHANGES AT ANY TIME WITHOUT PRIOR NOTICE.														
PRICE: desalsales@energyrecovery.com				SHIPPING:				DELIVERY:						
MANUFACTURER: Energy Recovery, Inc.				MODEL NO. ATMP-1736-9				WEIGHT: 4,974 lb (2,256 kg)						