

		1717 Doolittle Dr. San Leandro, CA 94577, USA Phone: 1-510-483-7370 FAX: 1-510-483-7371		<b>Energy Recovery, Inc.</b> <b>Technical</b> <b>Specifications Sheet</b>			REV	BY	CKD	REVISION	DATE
				0	AGR	AA	Initial Release	4/29/2025			
<b>DESCRIPTION:</b> <b>TECHNICAL DATA SHEET</b> <b>ATMP-1550-10 PUMP</b>				SHEET							
				1 of 1							
				Document Number							
80944-01			MANUFACTURER								
ERI											
1. Part Number		92381-10		2. Service:			3. Reference:				
OPERATING DATA	Liquid	Seawater		33	MATERIALS	Shaft Seal Housing	SAF 2507 Super Duplex SS				
	Specific Gravity	1.03		34		Bell Housing	Epoxy Coated GG25 Cast Iron				
	Viscosity	1.060 cP @ 70°F (21.1°C)		35		Impeller	EN 1.4539; SAE 904 L; UNS N08904				
	Operating Temperature	32°F - 104°F (0°C - 40°C)		36		Impeller Bushing	EN 1.4539; SAE 904 L; UNS N08904				
	Minimum Flow	See ERI Document [curve doc]		37		Wear Ring	EN 1.4539; SAE 904 L; UNS N08904				
	Maximum Flow	See ERI Document [curve doc]		38		Integrated Check Valve	EN 1.4539; SAE 904 L; UNS N08904				
	Minimum Inlet Pressure	14.5psi (1 bar)		39		Sleeve	EN 1.4462; SAF 2205; Duplex SS				
	Maximum Outlet Pressure	1200 psi (83 bar)		40		Shaft	EN 1.4462; SAF 2205; Duplex SS				
	NPSH <sub>R</sub>	See ERI Document [curve doc]		41		Inlet/Outlet	SAF 2507 Super Duplex SS				
	Maximum Design Speed	VFD Operated up to 3550 RPM		42		Elastomeric Seals	NBR (neoprene) Rubber				
	Efficiency	See ERI Document [curve doc]		43		Shaft Coupling	EN 1.4462; SAF 2205; Duplex SS				
	Pump Power	See ERI Document [curve doc]		44		Coupling Guard	Stainless Steel				
	DESIGN	Number of Stages	10			45	MOTOR	Motor Support	Steel with Epoxy Paint		
		Inlet Size	6" (DN 150)			46		Fasteners (non wetted)	Stainless Steel (EN 1.4301) - 304 SS		
		Outlet Size	6" (DN 150)			47		Frame Size	315L		
Inlet Connection		Grooved Pipe		48	Frequency	50/60 Hz - Inverter Duty					
Outlet Connection		Grooved Pipe		49	Maximum Rated Power	335 HP (250 kW)					
Impeller Diameter		6.1" (155 mm)		50	Type	Horizontal FF-600 C-face IEC, IP54					
Minimum Impeller Diameter		N/A		51	Voltage	380/440 Volts at 50/60 Hz					
Maximum Impeller Diameter		N/A		52	Phase	3					
Seal Lubrication		API Plan 02		53	Manufacturer	Siemens					
Shaft Seal		Pressure Balance Mechanical Seal		54	Tropicalization	Optional					
Seal Face Materials		Ceramic/Silicon Carbide		55	Paint System	Manufacturer Standard C2					
Shaft Seal Manufacturer		Manufacturer's standard		56	TESTING	Case Hydrostatic		1750 psi (120 bar)			
Shaft Coupling	Torsionally Flexible		57	Impeller Balance		N/A					
Thrust Bearing Housing	SAF 2507 Super Duplex Stainless Steel		58	Motor Test		See Motor TDS					
Direction of Rotation	CW facing pump drive end		59	Witness Test		Optional					
Casing Split	Radial		60	Material Certs		Optional					
Thrust Bearing	Ceramic and Carbon		61	Curve Tolerance		ISO9906:2012 3B					
Casing Drain	N/A										
<b>Notes:</b> <b>ERI RESERVES THE RIGHT TO MAKE SPECIFICATION CHANGES AT ANY TIME WITHOUT PRIOR NOTICE.</b>											
PRICE: <a href="mailto:desalsales@energyrecovery.com">desalsales@energyrecovery.com</a>				SHIPPING:				DELIVERY:			
MANUFACTURER: <b>Energy Recovery, Inc.</b>				MODEL NO. <b>ATMP-1550-10</b>				WEIGHT: <b>4,270 lb (1,937 kg)</b>			