

		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-1500-15 PUMP				SHEET										
				1 of 1										
				Document Number										
80943-01														
MANUFACTURER														
ERI														
1. Part Number		92380-15		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 _R	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	15			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		5.9" (150 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		33											
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-1500-15				WEIGHT: 4,436 lb (2,012 kg)						