

		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	EAT	ERJ	Initial Release	2/28/2021	
<b>DESCRIPTION:</b> <b>TECHNICAL DATA SHEET</b> <b>ATMP-886-22 PUMP</b>				SHEET		1	SYB	DKH	Revision 1	8/18/2022		
				1 of 1		Document Number		80759-01				
				MANUFACTURER		ERI						
1. Part Number		92374-22		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	33°F - 104°F (0.6°C - 40°C)	36		Impeller Bushing	EN 1.4539; SAE 904 L; UNS N08904						
	Minimum Flow	See ERI Document 80870-01	37		Wear Ring	EN 1.4539; SAE 904 L; UNS N08904						
	Maximum Flow	See ERI Document 80870-01	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>	14.5 psi (1 bar)	41		Inlet/Outlet	SAF 2507 Super Duplex SS						
	Maximum Design Speed	VFD Operated up to 5500 RPM	42		Elastomeric Seals	NBR (neoprene) Rubber						
	Efficiency	See ERI Document 80870-01	43		Shaft Coupling	SAF 2205 Duplex SS						
	Pump Power	See ERI Document 80870-01	44		Coupling Guard	Stainless Steel						
	Number of Stages	22	45		Motor Support	Steel with Epoxy Paint						
	Inlet Size	3" (DN 80)	46		Fasteners (non wetted)	Stainless Steel (EN 1.4301) - 304 SS						
	Outlet Size	3" (DN 80)	47		MOTOR	Frame Size	225S					
Inlet Connection	Grooved Pipe	48	Frequency	50/60 Hz - Inverter Duty								
Outlet Connection	Grooved Pipe	49	Maximum Rated Power	94 HP (70 kW)								
Impeller Diameter	3.5" (88.6 mm)	50	Type	Horizontal FF-400 C-face IEC, IP54								
Minimum Impeller Diameter	N/A	51	Voltage	380-440/441-500 Volts at 50/50/60 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	62		Shipping Dimensions	83" X 31" x 31" (210 cm x 78 cm x 78 cm)							
Notes:												
ERI RESERVES THE RIGHT TO MAKE SPECIFICATION CHANGES AT ANY TIME WITHOUT PRIOR NOTICE.												
PRICE: <a href="mailto:desalsales@energyrecovery.com">desalsales@energyrecovery.com</a>				SHIPPING:				DELIVERY:				
MANUFACTURER: Energy Recovery, Inc.				MODEL NO. ATMP-886-22				WEIGHT: 963 lb (437 kg)				