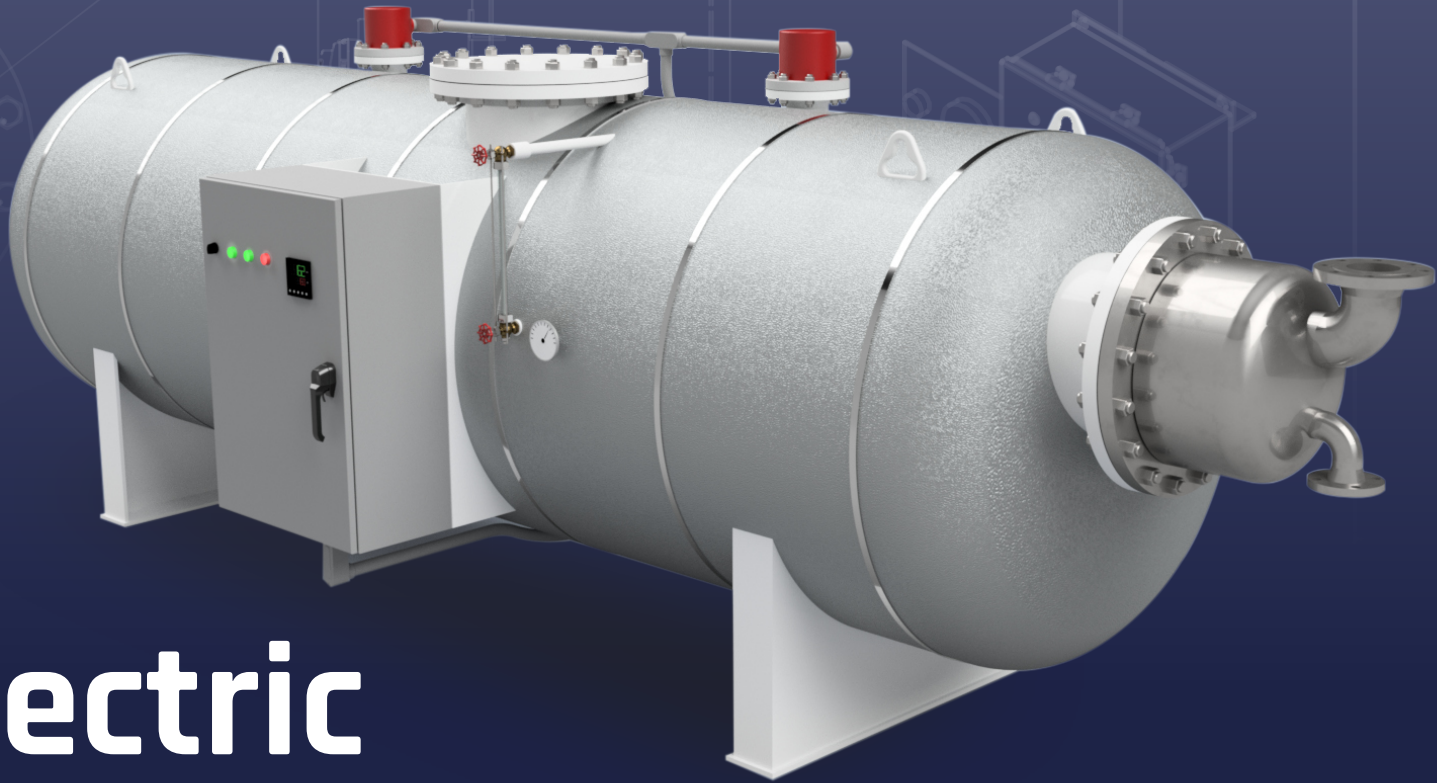




Electric Water Bath Vaporizers

FinnCo Electric Water Bath Vaporizers

Electric immersion heaters in a water bath to vaporize and superheat cryogenic fluids, providing dependable and long-lasting systems.

Can include multiple heat exchanger bundles and provide a thermal ballast that maintains vaporization in the event of a power outage.

Manufactured with all stainless steel product contact pressure parts.

Tube bundles designed to TEMA standards and marked with ASME Sec VIII stamp.

ELECTRIC WATER BATH VAPORIZERS

STANDARD HORIZONTAL DIRECT TO PROCESS VAPORIZER; 150 psig N₂, LNG; 250 psig CO₂; 70°F Outlet; 180°F Bath

Model	Flowrate			kW	Amps 480V/3p	Weight, Lbs	Approx Dimensions L X W X H, ft	Connection Sizes, inches	
	N ₂ , SCFH	CO ₂ , lbs/hr	LNG, SCFH					Process Inlet	Process Outlet
FEB-100	26,000	2,100	21,000	100	120	1,200	12 X 6 X 4	1	1-1/2
FEB-150	39,000	3,200	32,000	150	180	1,800	12 X 6 X 4	1	1-1/2
FEB-200	52,000	4,200	43,000	200	240	2,000	12 X 6 X 4	1	1-1/2
FEB-250	65,000	5,300	53,000	250	300	2,300	14 X 6 X 4	1	2
FEB-300	79,000	6,400	64,000	300	360	2,800	14 X 6 X 6	1	2
FEB-350	92,000	7,400	74,000	350	420	4,100	16 X 6 X 6	1-1/2	2
FEB-400	105,000	8,500	85,000	400	480	4,400	18 X 6 X 6	1-1/2	2
FEB-500	131,000	10,600	106,000	500	600	4,800	20 X 6 X 6	1-1/2	3
FEB-600	157,000	12,700	128,000	600	720	5,400	20 X 6 X 6	1-1/2	4
FEB-750	196,000	15,900	159,000	750	900	7,100	24 X 8 X 8	2	4
FEB-1000	262,000	21,200	213,000	1000	1200	9,500	24 X 10 X 8	2	4

SPECIFICATIONS

- Cryogenic SS tube bundle rated at 250 psig (400 psig for CO₂) @ -320/+150°F; TEMA compliant, ASME Sec VIII stamped
- Carbon steel shell rated at 15 psig @ -20/+220°F; built to ASME Sec VIII
- NEMA 4 cabinet
- Replaceable Heaters

OPTIONS

- Customized for various process conditions including high pressures
- Vertical configuration for smaller units
- Multiple bundles including pressure building circuit
- Insulated tank with aluminum jacket