

FinnStack Electric Vaporizers

Available as direct to process, gas trim heaters, pressure builders, and combination vaporizer/pressure builders.

FinnStack's cast-in heating elements are stacked between stainless steel-lined aluminum heat transfer plates, providing excellent heat transfer in a configurable modular design.

With two control options: standard on/off and enhanced PLC-controlled cascade heating.



FINNSTACK ELECTRIC VAPORIZERS

STANDARD DIRECT TO PROCESS VAPORIZER; 150 psig N₂, 300 psig CO₂; 70°F outlet

Model	kW*	Flowrate*		Amp Draw* 480V, 3p	Weight, lbs	Connections, FNPT
		N ₂ , SCFH	CO ₂ , lbs/hr			
FE-12	12	3,400	280	14	210	3/4"
FE-24	24	6,400	550	29	290	3/4"
FE-48	48	13,800	1,100	58	460	1"
FE-60	60	17,200	1,400	72	580	1"
FE-72	72	20,700	1,700	87	650	1"
FE-96	96	27,600	2,200	116	800	1"
FE-120	120	34,500	2,800	145	950	1"
FE-144	144	41,400	3,300	173	1200	1"
FE-192	192	55,200	4,400	231	1500	1-1/2"

STANDARD TRIM HEATER; 150 psig N₂, DP<25 psi; 300 psig CO₂, DP<10 psi; 100°F temp increase

Model	kW*	Flowrate*		Amp Draw* 480V, 3p	Weight, lbs	Connections, FNPT
		N ₂ , SCFH	CO ₂ , lbs/hr			
FET-12	12	21,200	1,500	14	240	1"
FET-24	24	42,400	3,000	29	310	1-1/2"
FET-48	48	84,900	6,000	58	490	2"
FET-60	60	106,100	7,500	72	600	2-1/2"
FET-72	72	127,300	9,000	116	680	3"

STANDARD PRESSURE BUILDER; 150 psig N₂, 300 psig CO₂

Model	kW*	Tank Liquid Withdrawal		Amp Draw* 480V, 3p	Weight, lbs	Connections, FNPT
		N ₂ , SCFH	CO ₂ , lbs/hr			
FEPB-12	12	108,000	5,800	14	240	1"
FEPB-24	24	216,000	11,600	29	310	1"

STANDARD DUAL DIRECT TO PROCESS VAPORIZER/PRESSURE BUILDER; 150 psig N₂, 300 psig CO₂

Model	kW*	Process Flowrate*		Amp Draw* 480V, 3p	Weight, lbs	Connections, FNPT
		N ₂ , SCFH	CO ₂ , lbs/hr			
FED-12	12	3,000	250	14	240	3/4"
FED-24	24	5,700	500	29	310	3/4"

* Nominal rates shown; Industry heater tolerance is +5/-10%

SPECIFICATIONS

- On/off outlet temperature control with Indication
- 24Vdc controls for safety
- Dual high block temperature warning/shut down
- Replaceable heaters
- ASME built to 400 psig
- Forklift portable base
- NEMA 4 UL cabinet

OPTIONS

- Low outlet temperature shut off including indicating controls
- Pressure build control including pressure switch and shut off valve
- MAWP to 3000 psig



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