



STANDARD FEATURES

- Complete separation of electrical and plumbing systems
- Accurate temperature control
- Silicone rubber-sealed heater terminals
- Circuit breaker disconnect with door interlock
- High-temperature limit protection on each heater segment
- Capacities up to 90 KW in a single cabinet
- Electrical enclosure
- Pilot light indicators
- Pressure switch
- Solenoid valve or pneumatic actuated ball valve

TECHNICAL SPECIFICATION

TUV NORD

ISO 9001-2015



Electrical Heater Flow Rate Calculation		Service		
		N2, O2, Ar	CO2	
Model	Kilowatts	SCFH	LBSH	KG/HR
CGI-PBU-EL-120/5	5	2,000	120	54
CGI-PBU-EL-170/8	8	3,000	170	77
CGI-PBU-EL-200/15	15	3,500	200	91
CGI-PBU-EL-400/15	15	7,000	400	181
CGI-PBU-EL-800/30	30	14,000	800	363
CGI-PBU-EL-1200/45	45	21,000	1,200	544
CGI-PBU-EL-1350/45	45	23,500	1,350	612
CGI-PBU-EL-1600/60	60	28,000	1,600	726
CGI-PBU-EL-1750/60	60	30,500	1,750	794
CGI-PBU-EL-2000/75	75	35,000	2,000	907
CGI-PBU-EL-2400/90	90	42,000	2,400	1,089
CGI-PBU-EL-2000/100	100	45,000	2,600	1,179
CGI-PBU-EL-2400/120	120	52,000	3,000	1,361
CGI-PBU-EL-2000/140	140	61,000	3,500	1,588
CGI-PBU-EL-2400/150	150	70,000	4,000	1,814

OPTIONS ON REQUEST

- Water Proof electrical enclosure
 - Inlet strainer
 - Connection for blowdown valve
 - Solid-state relay (SSR) heater drive with digital PID controller
 - Dry contact terminals for indication and remote switching
 - Custom inlet and outlet connections or fittings
 - Temperature indicating controller
 - Alarms to indicate low pressure or temperature
 - Special temperature controls from -305°F to +600°F
 - Special non-standard voltages & frequencies up to 575V
 - explosion proof purge systems
- International compliance capability

ADVANTAGES

- Extremely low-pressure drop
- Minimal heat input when unit non-operational
- Heater casting replaceable without breaking into fluid passages
- No frost build-up around heater terminals

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