Specification

The P type and U type burners are designed to satisfy the most stringent restrictions on pollutant emissions on fuel gas firing, with or without Flue Gas Recirculation (FGR) while providing high combustion efficiency and reliability with all kinds of gaseous fuels.

Two air registers control combustion air flow. Each register is consisting of an axially moving drum controlling primary/secondary air rations. Strong combustion air vorticity is achieved by means of primary and secondary air swirlers whose position is set during the start-up and commissioning phases to provide the proper air turbulence, which ensures optimal mixing with the gas.

- Turn down ratio-Gas: 1:8 Oil: 1:4

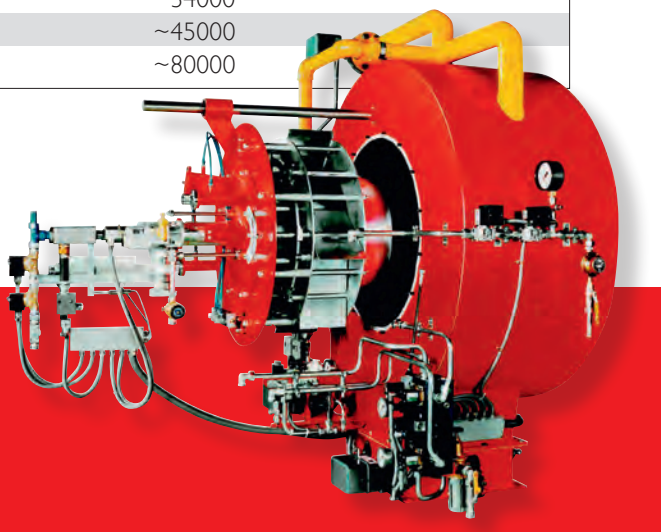
EMISSIONS

Power Burner	Type	NOx [ppm]	CO [ppm]
Low NOx	PG	<40	<10
	PL/PH	<60	<10
Ultra Low NOx	UG	25	<10

Guaranteed emission values (for installation, see guaranteed emission values supplied to customer) (at 3% oxygen content in the flue gas) max 1.2 MW combustion chamber loading

Model and data base

Burner	Type	Max Capacity (KW)	Oil Consumption (Kg/h)
Power Burner - Low NOx	PG/PL/PH/PGL/PGH900-E-LN	~9000	~759
	PG/PL/PH/PGL/PGH1050-E-LN	~10500	~886
	PG/PL/PH/PGL/PGH1280-E-LN	~12800	~1080
	PG/PL/PH/PGL/PGH1500-E-LN	~15000	~1266
	PG/PL/PH/PGL/PGH1780-E-LN	~17800	~1502
	PG/PL/PH/PGL/PGH2000-E-LN	~20000	~1688
	PG/PL/PH/PGL/PGH2400-E-LN	~24000	~2025
	PG/PL/PH/PGL/PGH2800-E-LN	~28000	~2363
	PG/PL/PH/PGL/PGH3400-E-LN	~34000	~2869
	PG/PL/PH/PGL/PGH4500-E-LN	~45000	~3797
	PG/PL/PH/PGL/PGH8000-E-LN	~80000	~6750
Ultra Low NOx	UG3400-E	~34000	
	UG4500-E	~45000	
	UG8000-E	~80000	



Power Burner

Max 80 MW

Low NOx PG/PL/PH/PGL/PGH-E

Ultra Low NOx UG-E