



HOT WATER GENERATOR

NEW 'R.Series' HEATING SYSTEM COIL / SMOKE IN TUBE TYPE

RapidMax

New 'R.Series' Hot Water Generators come with all latest controls, Safety, Ecological and Combustion techniques. The design of these Generators has been perfected employing more than 15 years experience in manufacturing High Quality Electric and Gas Fired Hot Water Generators and Steam, boilers, Pan Humidifiers, to achieve maximum:

- Energy efficiency.
- Pollution Free
- Silent Operation.
- Safety.
- Durability.
- Uniform pressurisation in combustion chamber.
- Ideally balanced Heat Exchanger.
- Multiple anti condensation protection for Cold Starts and reduced output in Smoke in tube type.
- Flue Outlet Spigot in-to anti condensation device.
- Double Plate Flue Chamber with internal Insulation in Smoke in tube type.
- Built in connection for shunt pump in Smoke in tube type. (Rapid Max)
- Built in Primary circulation pump in Coil type. (Rapid Therm)
- Perfect matching of imported Burners with latest combustion Technology to adapt any type of Fuel, Thermal Power and modality of systems function.
- Choice of Burner and relative pre-calibration as per Boiler function; Burner is Electrically prewired between Control panel easy to operate.
- Skid Mounted. No foundation Requirement



**PRESSURIZED STEEL
HOT WATER GENERATOR
GAS- OIL AND DUAL FUEL
FROM 60 - 1280 KW**

MODEL Smok in tube		RM 05	RM 07	RM 08	RM 09	RM 11	RM 16	RM 19	RM 28	RM 36	RM 46	RM 55	RM 73	RM 91	RM 110
Output	Kw	59	82	94	106	129	186	222	320	420	538	643	854	1065	1280
	KCL/Hr (in thousand)	50	70	80	90	110	160	190	275	360	460	550	730	910	1100
Net Efficiency	% ± 2%	90.0	90.0	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.5	91.5	91.5
Water content	Liters	125	125	140	140	175	225	225	350	500	550	550	900	1250	1440
Max. Operating Pressure	Bar	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Pressure Drop	M ca	0.11	0.11	0.12	0.15	0.18	0.2	0.25	0.26	0.26	0.26	0.38	0.39	0.47	0.60
Installed Electrical Load	KW	0.5	0.5	0.5	0.52	0.52	0.56	0.56	1.1	1.3	1.65	2.3	4.4	6.3	8.0
Power supply	380V 50 HZ 3Q AC	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
	220v 50HZ 1Q AC	☉	☉	☉	☉										
Hour Meter		☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
Fuel	HSD (10,500 KCLA/HR NCV)	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
	Gas (LPG/Natural)	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
Burner Modulation	Hi - Lo - Off On - Off	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉
HSD consumption	Kg/Hr	5.3	7.4	8.4	9.47	11.5	16.75	19.9	28.8	37.7	48.14	57.56	76	94.7	115.5