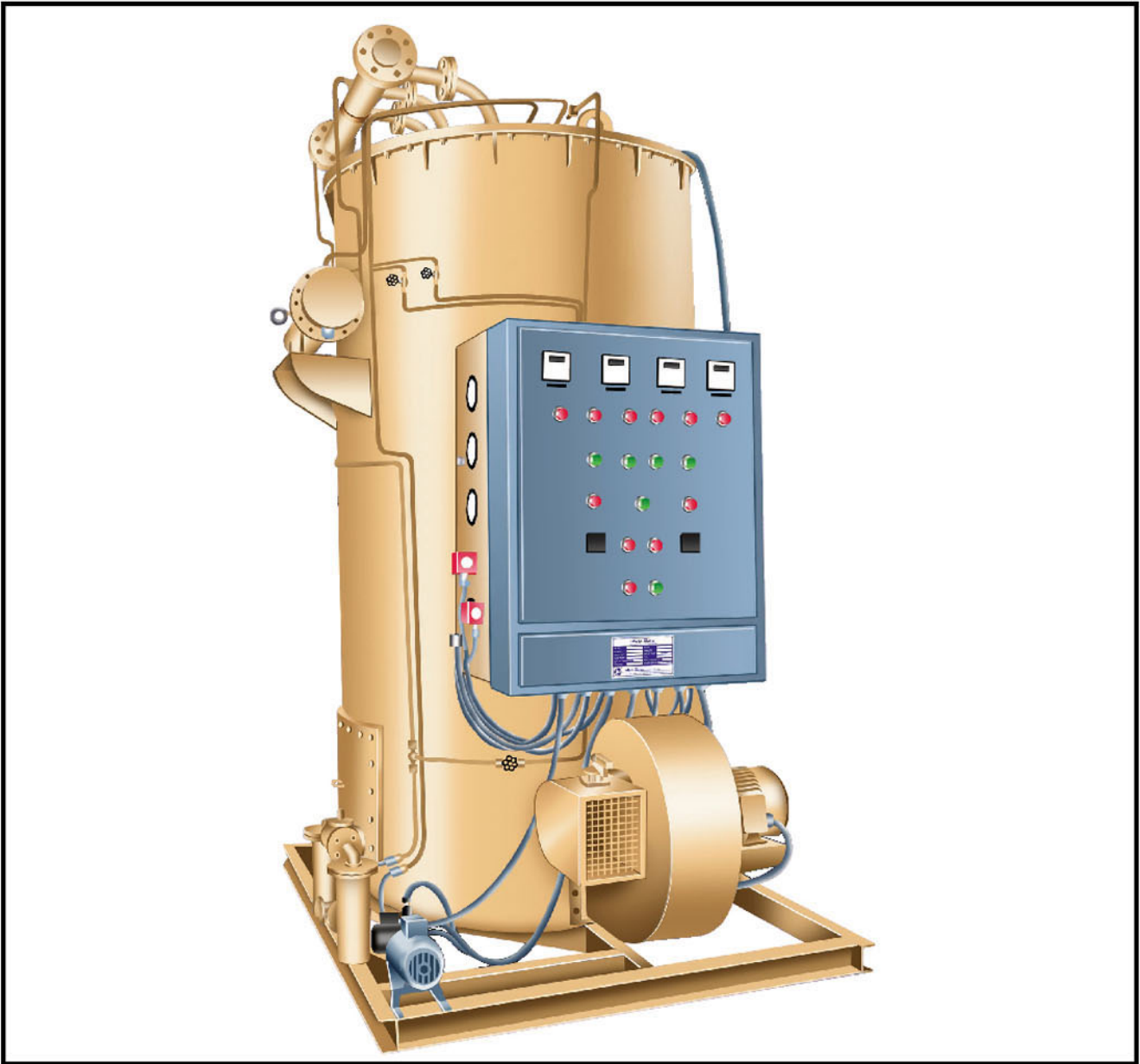


# THREE-PASS OIL/GAS FIRED HOT WATER GENERATORS



SAVE ENERGY  
SAVE MONEY



# THREE-PASS OIL/GAS FIRED HOT WATER GENERATORS

## SALIENT FEATURES :

- COIL FROM SEAMLESS ASTMA 106 GR-B PIPES
- INDEPENDENT DRIVE FOR FUEL PUMP 1440 RPM
- NO SCALE FORMATION
- EASY & ECONOMICAL OPERATION
- OUT SIDE PURVIEW OF I B R

## HOT WATER GENERATOR BUILT WITH FOLLOWING SAFETIES :

- CIRCULATING PUMP MOTOR INTERLOCK
- PRESSURE SWITCH ON PRESSURE TANK
- LOW FUEL OIL TEMPERATURE (F.O. FIRED ONLY)
- TWO NOS. PRESSURE SWITCH FOR NO FLOW/ LOW FLOW
- HIGH STACK TEMPERATURE
- HIGH HOT WATER TEMPERATURE
- FLAME MONITOR BY PHOTOCCELL (LDR)
- SPRING LOADED SAFETY VALVE

## TECHNICAL SPECIFICATIONS :

DETAILS		UNIT	AHWG-06	AHWG-10	AHWG-20	AHWG-30	AHWG-40	AHWG-60	AHWG-100
Heat output		Kcal/hr	60,000	1,00,000	2,00,000	3,00,000	4,00,000	6,00,000	10,00,000
Outlet Temperature (Max)		°C	130	130	130	130	130	130	130
Fuel Consumption	L.D.O.	Kg/hr	6.8	11.4	22.8	33.8	45	67.6	113
	F.O.	Kg/hr	-	-	-	-	47.8	71.8	119.6
	Natural Gas	M <sup>3</sup> /hr	9	14	28	42	56	84	140
Thermal Efficiency		%	87	87	87	87	87	87	87
Circulating Pump Motor		H.P.	5.0	7.5	10.0	12.5	15.0	25.0	30.0
Blower Motor		H.P.	0.5	1.0	2.0	3.0	3.0	5.0	10.0
Fuel pump Motor		H.P.	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Fuel Oil Pre-Heater		KW	-	-	-	-	3	6	9
Burner control			ON-OFF	ON-OFF	ON-OFF	ON-OFF	ON-OFF	ON-OFF	LOW- HIGH
Total Connected	L.D.O.	H.P.	6	9	12.5	16	18.5	25.5	40.5
Electrical Load	F.O.	H.P.	-	-	-	-	22	32	52
Electric Supply		← 415 Volt, 3 Phase, 50 HZ, AC, 4 Wire →							
Dimensions (L x W x H) Approx.		Meters	1.3 x 1.1 x 1.6	1.5 x 1.2 x 2.1	1.6 x 1.4 x 2.7	2.3 x 2.0 x 2.8	2.3 x 2.0 x 3.2	2.5 x 2.1 x 3.6	2.8 x 2.7 x 4.0

**Aero Therm**® also provides custom built units for higher temperature and heat output ratings fitted with Fully Automatic OIL/GAS Burners.

Fuel consumption based on NCV of

(A) 10,200 Kcal per kg. for L.D.O.

(B) 9,650 Kcal per kg. for F.O.

(C) 8,400 Kcal per m<sup>3</sup> for Natural Gas.



**Aero Therm**®  
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