



INFINITE DG Series (Downdraft Gasifier) Model List

(Fuel / Biomass : Wood Blocks)

Model		DG Series (Downdraft Gasifier)									
Gasifier Model		DG 50	DG 100	DG 150	DG 200	DG 300	DG350	DG 400	DG 600*		
Gasifier O/p Capacity (THERMAL Mode)	Kcal/h	64,500	129,000	215,000	315,000	515,000	645,000	860,000	17,20,000		
	KWth	75	150	250	360	600	750	1000	2000		
Diesel Oil Replacement (Thermal Application)	Ltr	5	12	21	32	52	65	85	170		
Gasifier O/p Capacity (POWER - 100% Gas Mode)	kWe (100%)	6	12	30	50	80	120	200	400		
Gasifier O/p Capacity (POWER- Dual Fuel Mode {Diesel + Producer Gas)	kWe (Dual)	18	32	50	85	150	220	325	700		
Wood Blocks Consumption	Kg/h	20	45	75	115	175	225	300	600		
Gas Produced (Max) Approx.	nm ³ /h	50	115	185	285	425	575	750	1500		
Parasitic Load	HP	2	5	7.5	12.5	17.5	22	30	50		
Actual Consumption	kWe	1.4	2.7	4	6.5	9	9	14	25		
Biomass Feeding & Ash Removal From Reactor	-	Manual				Automated					
Gas Cleaning System		Dry Dust Collection (Cyclonic & Packed Bed Filter), Scrubber - Thermal Application + Biomass Filter, Fabric Filter, Fine Filters, & Chiller - For Power Generation									
Gas Temperature	°C	< 50 Deg C									