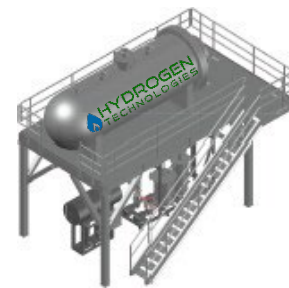


The cleanH₂steam Dynamic Combustion Chamber (DCC™)

Hydrogen Technologies’ Dynamic Combustion Chamber (DCC™) is a breakthrough boiler that uses the reaction of hydrogen and oxygen to create high value steam without generating any air pollutants. Since no air is introduced into the system, it does not require a smokestack.

Key Features:

- ZERO emission design
- >95% efficient
- Steam and hot water output
- Meets or exceeds national and international safety standards
- Solar Impulse Solution to change the world



	UNITS	DCC™ 3000	DCC™ 6000	DCC™ 3000 HP	DCC™ 6000 HP	DCC™ 30K*
STEAM OUTPUT RATE	kg/hr	3,000	6,000	3,000	6,000	30,000
	lb/hr	6,600	13,200	6,600	13,200	66,000
	tonnes/hr	3	6	3	6	30
DESIGN THERMAL OUTPUT	MMBtu/hr	8	16	8	16	80
	MW(th)	2.3	4.7	2.3	4.7	23.4
	BHP	239	478	239	478	2390
MAX STEAM PRESSURE	PSIG	165	165	600	600	600
MAX STEAM TEMPERATURE	°F	373	373	489	489	489
	°C	189	189	254	254	254
H ₂ FUEL CONSUMPTION**	kg/hr	62	123	62	123	620
	lb/hr	137	271	137	271	1,367
O ₂ CONSUMPTION**	kg/hr	496	984	496	984	4,960
	lb/hr	1,096	2,160	1,096	2,160	10,960

* Available 4Q 2023

**Actual H₂/O₂ consumption dependent upon system configuration