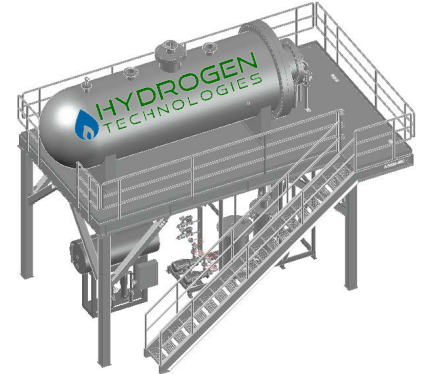


## What is the cleanH2steam Dynamic Combustion Chamber (DCC™)?

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 or any other energy dissipating exhaust and is nearly 30% more efficient in fuel usage than a typical conventional steam boiler.

### Key Features:

- Tube-fired steam condensing boiler
- >95% efficient
- ZERO emission design - heat and water only
- 100% Water Fuel Recycled
- ASME, UK, and EU code compliant
- Endorsed by San Joaquin Unified Air Pollution Control District, California, USA



	DCC™ 3000	DCC™ 6000	DCC™ 28K*
<b>STEAM OUTPUT RATE</b>	3,000 Kg/hr 6,600 lbs/hr 3 metric tons/hr	6,000 Kg/hr 13,200 lbs/hr 6 metric tons/hr	28,000 Kg/hr 62,000 lbs/hr 28 metric tons/hr
<b>OUTLET PRESSURE</b>	Up to 40 bar / 580 psi		
<b>STEAM TEMPERATURE</b>	Up to 400°C / 752°F	Up to 400°C / 752°F	Up to 400°C / 752°F
<b>H<sub>2</sub> FUEL CONSUMPTION</b>	Up to 62 Kg/hr 137 lbs/hr	Up to 123 Kg/hr 270 lbs/hr	Up to 615 Kg/hr 1,350 lbs/hr
<b>O<sub>2</sub> FUEL CONSUMPTION</b>	Up to 496 Kg/hr 1,096 lbs/hr	Up to 984 Kg/hr 2,160 lbs/hr	Up to 4900 Kg/hr 10,800 lbs/hr
<b>DIMENSIONS cm (L X W X H)</b>	820 x 564 x 765 cm	1100 x 610 x 780 cm	TBD
<b>DIMENSIONS in (L X W X H)</b>	323 x 222 x 301 in	433 x 240 x 307 in	TBD
<b>APPROXIMATE POWER PRODUCTION EQUIVALENT</b>	To produce sufficient steam to drive a 0.5MW steam turbine genset.	To produce sufficient steam to drive a 1.0MW steam turbine genset.	To produce sufficient steam to drive a 5.0MW steam turbine genset.

\*Available 3Q 2022