



HYDRO-MINI® PERFORMANCE SPECIFICATIONS

STD010 (Rev. 1/3/07)

Page 1 of 1

Description	Hydro-Mini® 3750	Hydro-Mini® 7500	Hydro-Mini® 15000
NATURAL GAS			
Hydrogen Production Capacity	1,875 – 3,750 scfh	3,750 – 7,500 scfh	7,500 – 15,000 scfh
Hydrogen Product Purity	Up to 99.999%	Up to 99.999%	Up to 99.999%
Hydrogen Product Pressure	200 psig	200 psig	200 psig
Export Steam	150 lb/h	300 lb/h	600 lb/h
Process Condensate	100 lb/h	205 lb/h	410 lb/h
Feed and Fuel Gas @ 912 btu/scf LHV	1,815 scfh	3,625 scfh	7,250 scfh
Boiler Feed Water	370 lb/h	740 lb/h	1,485 lb/h
Cooling Water	18 gpm	35 gpm	70 gpm
Instrument Air	150 scfh	150 scfh	150 scfh
Electric Power	3.0 kW	3.7 kW	5.8 kW
BIOGAS (60% CH₄, 40% CO₂)			
Hydrogen Production Capacity	1,680 – 3,375 scfh	3,375 – 6,750 scfh	6,750 – 13,500 scfh
Hydrogen Product Purity	Up to 99.999%	Up to 99.999%	Up to 99.999%
Hydrogen Product Pressure	200 psig	200 psig	200 psig
Export Steam	250 lb/h	500 lb/h	1,000 lb/h
Process Condensate	105 lb/h	210 lb/h	425 lb/h
Feed and Fuel Gas @ 545 btu/scf LHV	3,080 scfh	6,160 scfh	12,320 scfh
Boiler Feed Water	470 lb/h	940 lb/h	1,880 lb/h
Cooling Water	20 gpm	40 gpm	80 gpm
Instrument Air	150 scfh	150 scfh	150 scfh
Electric Power	3.0 kW	3.7 kW	5.8 kW
LPG			
Hydrogen Production Capacity	1,875 – 3,750 scfh	3,750 – 7,500 scfh	7,500 – 15,000 scfh
Hydrogen Product Purity	Up to 99.999%	Up to 99.999%	Up to 99.999%
Hydrogen Product Pressure	200 psig	200 psig	200 psig
Export Steam	70 lb/h	140 lb/h	280 lb/h
Process Condensate	180 lb/h	355 lb/h	705 lb/h
Feed and Fuel Gas @ 2,768 btu/scf LHV	615 scfh	1,230 scfh	2,460 scfh
Boiler Feed Water	395 lb/h	790 lb/h	1,580 lb/h
Cooling Water	29 gpm	58 gpm	115 gpm
Instrument Air	150 scfh	150 scfh	150 scfh
Electric Power	3.0 kW	3.7 kW	5.8 kW
Footprint	8'-9" x 31'-3"	10'-6" x 41'-7"	12'-9" x 46'-2"