

Re-Fueling Station

HydroFlow Refuel



*Equipment parameters can be customized based on input pressure and re-fueling requirements

Technical Parameters*

Item	Value	Unit
Compressor Hydraulic Driven		
Power	55	KW
Inlet pressure	14~16	Bar
Discharge pressure	500/950	Bar
Capacity	200	Nm ³ /h
Dispenser		
Power	15	KW
Inlet pressure (H35)	≤ 500	Bar
Inlet pressure (H70)	≤ 950	Bar
Design pressure (H35)	482	Bar
Design pressure (H70)	950	Bar
Maximum Flow Rate	≤ 3.6	Kg/min
Measure accuracy	≤ ± 1.5	%
Refueling protocol	Meet SAE J2601-02;	
Compressor Chiller		
Outlet temperature of chiller	5~15	°C
Cooling capacity	60	KW
Inlet pressure	14~16	Bar
Discharge pressure	500/950	Bar
Capacity	200	Nm ³
Refrigerant	R410a	
Coolant	Deionized water	
Accumulator Type I 500/950 Bar		
Design pressure	552/1030	Bar
Working pressure	500/950	Bar
Water volume	4.145/0.5	m ³
Hydrogen storage capacity	~ 129.6/ ~ 24.2	Kg

Block Flow Diagram

