

HyFlow Refuelling System



Key benefits

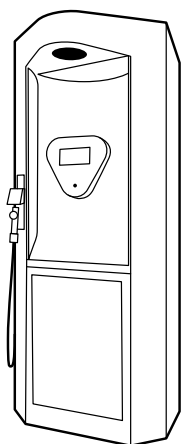
The HyFlow Dispenser from FCSL is a self-contained cascade hydrogen refueller acting as the front end to a complete hydrogen refuelling station.

Up to four storage banks of 800 bar can be connected to the HyFlow and the integrated control system will use these to fill a hydrogen vehicle according to the selected refuelling protocol.

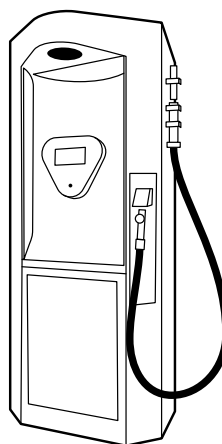
Hydrogen production and compression can be supplied separately to replenish the hydrogen used for the fill. This configuration allows for continued expansion of the site through larger storage and compression whilst maintaining the customer interface point.

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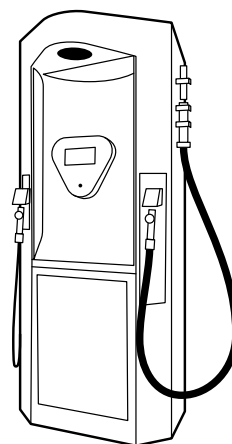
SPECIFICATIONS



HyFlow 350



HyFlow 700



HyFlow Dual

	HyFlow 350	HyFlow 700	HyFlow Dual
Dimensions	0.8 x 0.6 x 2.3 m		
Interface	Automatic fill using touch screen interface		
Electrical Requirement	16A 240 VAC		
Hydrogen Inputs	4		
Maximum Input Pressure	1000 bar		
Filling Protocols	SAE J2601 / FCSL		
Filling Nozzle	350 bar	700 bar	350 bar/700 bar
IR Communications	Optional	Yes	Yes
Integrated Heat Exchanger*	Optional	Yes (-40°C capable)	Yes (-40°C capable)
Mass Flow Meter	Yes		
Certification	CE, UKCA		

*External chiller required

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