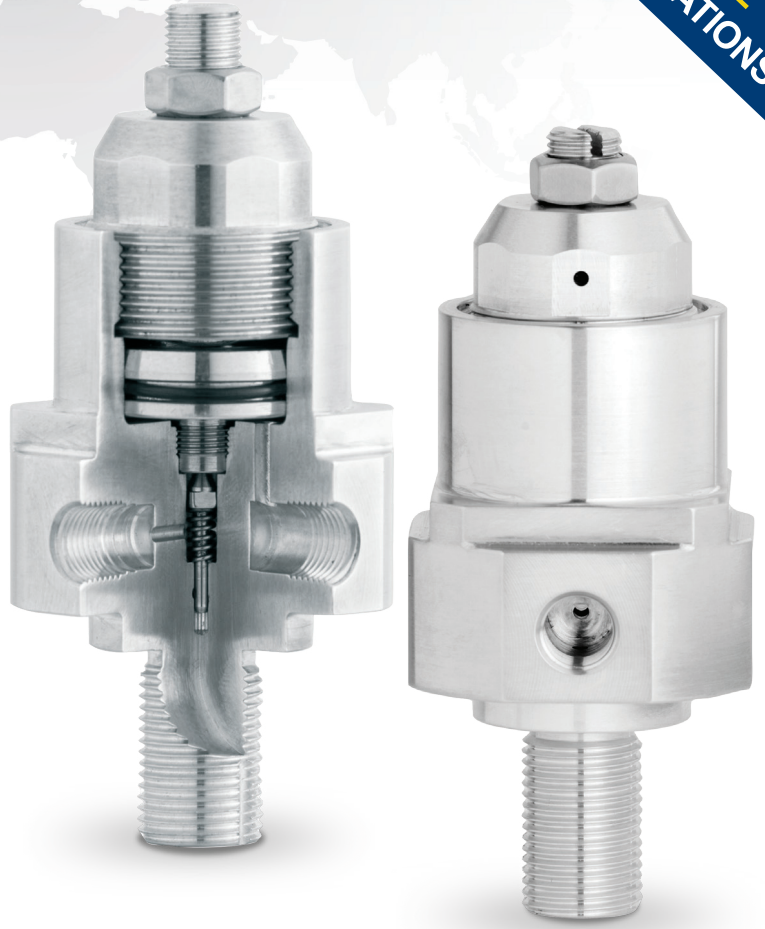
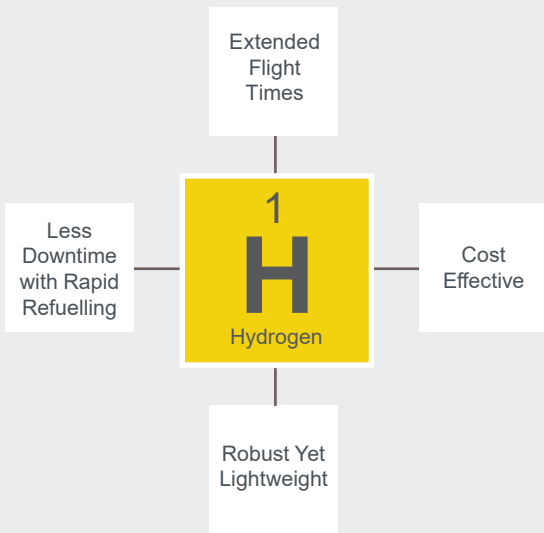


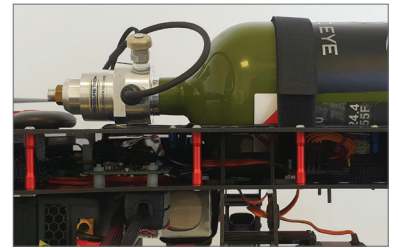
FLYING HIGH: Hydrogen-Powered UAV Drone Regulators

With the ever-growing use of commercial Unmanned Aerial Vehicles (UAVs), the implications of short flight durations and longer recharge times achieved by traditional battery-powered drones has led to the emergence and development of Hydrogen-powered UAV drones as a cost-effective alternative solution.

WHY HYDROGEN-POWERED UAV DRONES?



ABOVE: PHOTO COURTESY OF INTELLIGENT ENERGY



ABOVE: PHOTO COURTESY OF THE BIONIC EYE

PRESSURE TECH'S HYDROGEN UAV DRONE REGULATOR SOLUTION...

After extensive development, Pressure Tech has developed a compact and lightweight pressure regulator for Hydrogen-powered UAV drone applications. The LW351 pressure regulator helps enable flight times of up to 3-times longer than battery-powered alternatives.

Pressure Tech LW351 features:

- Piston-sensed design
- 0.15% decaying pressure effect
- Direct mounting to cylinder
- Compact and lightweight design

To discuss how Pressure Tech can support your Hydrogen Fuel Cell drone or light vehicle application, please call our Sales team on +44 (0)1457 899 307 or email sales@pressure-tech.com.

LW351

STANDARD SPECIFICATION

Max Inlet	350 bar (5,075 psi)
Max Outlet	3 bar (45 psi)
Port Size	1/8"
CV	0.06
Venting	Non-venting
Sensing Mechanism	Piston
Application	Gas



Weight:
0.2kg (min.)



Unit 24, Graphite Way,
Derbyshire, UK, SK13 1QH
+44 (0)1457 899 307
sales@pressure-tech.com
www.pressure-tech.com



DESIGNED, MANUFACTURED AND BUILT IN THE UK