

# HVAC-R Leak Detection Gas

## Disposable N<sub>2</sub>/H<sub>2</sub> Cylinders



# LEAKXPOSE

**Allows for much smaller leaks to be located than with nitrogen and leak detection sprays.**

LeakXpose® in disposable gas cylinders is the most efficient and cost effective way to detect leaks in HVAC-R systems.

It is a non-flammable mixture of 95% nitrogen and 5% hydrogen that is non-toxic and environmentally safe. When the system is charged with the gas, very small leaks can be found using a suitable electronic leak detector. This is due to the very small molecular size and low density of hydrogen. LeakXpose® can be used with the same nitrogen regulator currently used with nitrogen disposable gas cylinders. The gas is also compatible with all nitrogen hoses.

### SPECIFICATIONS

Contents	0.22 m <sup>3</sup>
Capacity	2.2 Litres
Dimensions (mm)	(H) 365 x (ø) 102
Classification	UN 1956, Aerosols, Class 2
Valve connection	M10 x 1
Weight	1.19 kg

### PART NO

### DESCRIPTION

GTNIHY2	Disposable cylinder 5% hydrogen / 95% nitrogen
RG1MNI15	Regulator for disposable nitrogen cylinder



No cylinder rental



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## Instructions for use

STEP  
**1**

With the black control knob wound fully out, connect the regulator to the cylinder. This is a right hand thread and is connected to the valve by rotating the regulator clockwise.

STEP  
**2**

Tighten the regulator onto the cylinder until the end of the thread is reached and there is no gas escaping (there will be a slight hissing of gas as you connect the regulator). It does not need to be overtightened to achieve this.

Regulator Part No: RG1MNI15

STEP  
**3**

Connect a hose with 1/4" SAE flare fitting to the outlet and the other end to the system to be tested.

STEP  
**4**

Adjust the pressure output of the regulator to charge the system to 1,000 kPa as shown, on the outlet pressure gauge.

STEP  
**5**

Use a suitable electronic hydrogen leak detector and move the wand over all the joints in the system to pick up any leak. Hydrogen is 2.5 times lighter than air, so it will escape from a leak point.

If detector alarms, it is recommended to re-set and then reconfirm the leak point.

STEP  
**6**

Once all of the joints have been made leak tight, vent the gas from the system to atmosphere, ensuring adequate ventilation in the area.

Outlet Pressure Gauge

Control Knob

Cylinder Valve

Cylinder



Brochure Number: BRO\_DIS\_DIS\_CY\_LX\_V05