



# Waveguide Pressurisation Equipment

Dimensionally identical to the 12435, this compact 19" rack mounted unit has been designed to fulfill the requirements of slightly larger applications. A larger compressor enables the unit to produce 7 cubic feet per hour of dry air, the standard unit at output pressures of between 0.5 and 5psi, the 12436/H3 version 15.0 psi.

Like the 12435, this unit has an integral air receiver, an output pressure regulator and gauge, and remote alarm facilities. In addition the 12436 has compressor and receiver gauges, which can help with routine maintenance and a total flowmeter to measure the combined air loss between the units' 3 dry air outputs.



The 12436 has been designed specifically for supplying low pressure dry air to Waveguides and Aerial feeders.

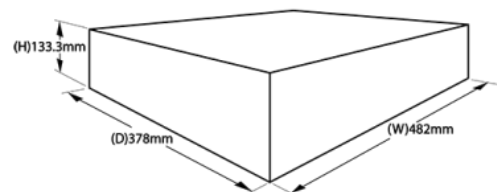
It is an energy saving integrated unit which occupies only three units (133mm) of panel space within a 19" equipment rack.

The Dehydrator utilises a well proven heatless reactivation system capable of supplying dry air at a dewpoint of -35C via three outlets to which 1/4" OD tubing can be connected. Adaptors are available if this size is not to user requirements.

An automatic wet air by-pass facility is provided such that any insufficiently dried air is directed to atmosphere and prevented from entering the waveguide/aerial.

The inclusion of an air storage vessel allows for a regulated flow of air to the outputs with the capacity to produce in excess of 7 cu. ft/hr. The compressor does not run continuously, nor "hunt" in operation, as a reserve of air is always available.

Installation is straightforward. The only user adjustment necessary is the setting of the output pressure regulator and connection to the waveguide itself. All controls are located on the front panel. The provision, at the rear of the equipment, of an alarm output connector enables external monitoring of low pressure, high humidity and mains failure conditions.



Dry Air Delivery	Output Pressure	Dry Air Dewpoint	No. of Outlets	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	Operating Voltage
5 ft <sup>3</sup> /hr	0.5 – 5 psi	-35°C	3	133.3	482	378	17.5	230v AC

**Drallim Industries Limited**  
 Millwood House, Drury Lane,  
 Ponswood Industrial Estate,  
 St.Leonards on Sea,  
 East Sussex. TN38 9BA, UK

☎ +44 (0)1424 205140  
 ☎ +44 (0)1424 202140  
 ✉ email@drallim.com  
 🌐 www.drallim.com

An ISO 9001:2008 Approved Company  
 Registered Office: Registered in England No 606278

**12436**  
**19" RACK MOUNTING**  
**DEHYDRATOR**

**The Drallim Group**  
*Leading innovators in technology and quality*