

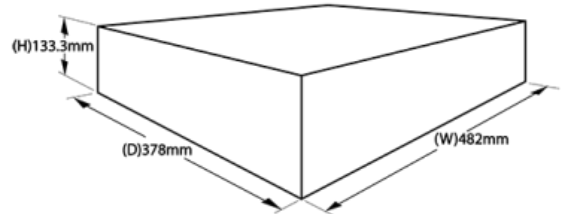
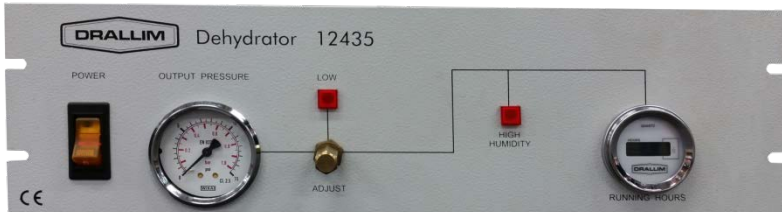


# Waveguide Equipment

Designed to be mounted within a 19" rack, the 12435 is one of our most compact units, occupying just 133mm in height. Using a quiet, low vibration compressor, the unit can produce 5 cubic feet per hour of dry air at output pressures of between 0.5 and 5psi.



Despite its dimensions, the 12435 houses an integral receiver, which allows the compressor to remain inactive for extended periods of time, reducing running costs. Complete with an output pressure regulator and gauge, the 12435 is delivered ready for connection to up to 3 waveguide tubes, via 1/4" outlets on the rear of the unit. Standard alarm monitoring facilities include our humidity detection equipment and low pressure alarm switches. Alarm conditions are communicated both visually and remotely via a hard-wired connection.



The unit 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 -35°C 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 5 cu.ft/hr. The compressor does not run continuously, nor "hunt" in operation, as a reserve of air is always available.

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	230v AC

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**12435  
 19" RACK MOUNTING  
 DEHYDRATOR**

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