Case study 517 Farm building restored after leak

When a prolonged period of rainfall left a farm's outbuilding leaking, the goods stored inside were in danger of becoming unsaleable unless immediate action was taken. Chopped firewood ready for distribution had started to become damp, so the ranch owner contacted Andrews Dehumidification and asked us to provide a solution. The timber needed to be completely dried in order for it to be fit for purpose, but before any equipment was delivered our technician recommended that it be temporarily rehoused.

Once the wood was moved to another shed, it was lined with protective sheeting to create a tent-like arrangement. Now better shielded from the elements, we could propose an appropriate hire package for the new application. An HD500 refrigerant dehumidifier model was subsequently stationed within the vicinity, and served to accelerate what was by this time an essential drying process. This particular product is capable of drying out areas of up to 400m³ while consuming just 492W/hr of power.

The dehumidifier was then supplemented by a single ID60 indirect fired oil heater which supplied a constant flow of warm, dry air. This unit was deliberately selected because of its suitability for areas where ventilation is limited – such as barns.

By getting the equipment on site at such short notice, we were able to salvage the entire stockpile and prevent our client from incurring any financial repercussions. So successful was the initial hire that the customer has already enquired about purchasing both units in case a similar problem arises in the future.







Nominal extration duty at 75% @20°C 34 litres/24hr Air flow (max) 380m³/h Keep dry area (typical) 850m³ Dry out area (typical) 400m³ Power supply 230/110V 1 ph 50 Hz Plug type BS1363 230V BS4343 110V Noise level (max) 57 dBA @ 3 metres Weight 68kg Dimensions (mm) 940 x 630 x 1110 Control Manual (humidistat option) Average power consumption 650 W/h



