

Climavent LW11P Wet Collector



Stock No	EF2295
Manufacturer	Climavent
Model	LW 11P
Serial	PDI 3567
Condition	Excellent Condition, Unused, Current Model
Approx Duty CFM / M ³ /Hr	900CFM // 1500M ³ /Hr
Filter Area ft ² / m ²	Wet Curtain Dust Control
Other Info	Rust Free Design
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	250
External Dimensions (WxDxH mm)	900 x 1170 x 2000mm

Description

Climavent 1.5kW // 2 Hp wet type dust control plant.

- Climavent's Wet Collector Units are manufactured to cope with the heavy burden of flammable dust arising from grinding, fettling, finishing, polishing and trimming applications. It is an efficient and effective way of disposing of those obnoxious fumes which arise within the workplace.
- The unit is a self contained wet dust scrubber that generates a self induced solid water curtain that entraps and

washes the dirty air removing any contaminants as it passes through.

- Typical applications include any dust laden air-stream that may carry sparks such as from grinding and fettling operations and where the type of dusts may be governed under the ATEX regulations whereby explosive dust are generated within such operations or processes as shot blasting and machining of aluminium, magnesium or any other white metal components.
- Wet Collectors are able to draw the dust-laden air through a tank of water ensuring heavy dust particles are thrown directly into the water and settle as sludge in the base of the unit for subsequent removal.
- Air and light dust are drawn over the surface of the water and scrubbing assembly turn the air and entrained water, wetting even the finest of dust particles. A series of baffles removes the wetted dust and clean air is discharged from the top of the unit back into the works atmosphere.
- The Wet Dust Exhaust Units are renowned for their robustness, as unlike many other units, there are no moving parts filters or sprays to contend with. This allows them to maintain their original suction rates, even under the most arduous of conditions.
- More than one Wet Collector Unit can be arranged in parallel which provides filtration for larger centralised systems.
- Climavent's unit has a non corrosive GRP body with stainless steel internal scrubbing components and if serviced on a regular basis, will provide many years of efficient extraction. This eradicates the common problem associated with Wet Dust Exhaust units – the metal enclosure and internal components can often start to corrode after a period of time.
- Including in the design are a self contained silencer, water make up box, 1.5kW fan and fan starter, duct Inlet of Ø200mm positioned at the right hand side and having an approx. service duty of 900CFM // 1500M³/Hr.

Specific information from physical inspection

- Includes: - main fan starter.
- GDRP body and door.
- Unit has right hand inlet with 200 Ø

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.