

### Carter Environmental W120 Thorn Wet Extractor



Stock No	<a href="#">EE2264</a>
Manufacturer	<a href="#">Carter Environmental</a>
Model	W120 Mk III
Year of Manufacture	2001
Serial	J35939/01
Condition	From a working environment, Good Condition, Current Model
Approx Duty CFM / M <sup>3</sup> /Hr	2500 // 4250
Filter Area ft <sup>2</sup> / m <sup>2</sup>	Wet Curtain
Other Info	NonFlam ATEX approved machine
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	500
External Dimensions (WxDxH mm)	875mm x 1280mm x 2600mm (TBC)

#### Description

This Carter Type W120/4.0 KW / 5.5H<sub>p</sub> environmental fume washer is a second hand NonFlam wet type dust extractor, constructed from a stainless steel body with steel internal baffles.

#### Benefits of a Wet Dust Collector

A wet filter unit, sometimes known as a wet scrubber, typically separates solid particulate from the air stream by passing it

through an atomized liquid whereby particles get encapsulated by droplets and then submerged into a tank where sedimentation occurs. As the method of separation is provided by a liquid which is recovered and re-used within the unit, there is no requirement for replaceable filter elements such as those in a dry unit.

Wet collectors are more suited to particles with heavier mass - they function by generating very fine droplets or aerosols in the 'spray generation zone'. These droplets will impinge on, and encapsulate, dust particles of similar momentum.

### Features

- Stainless steel
- Self-induced wet scrubbing always provides the full design air volume extraction rates (continuous extraction).
- Fan set built-in with anti-spark feature and silencer.
- Complies with health and safety guide HSG258.

### Details

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- Type: W120/4.0kW / 5.5Hp

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