

Carter Environmental Thorn Nonflam Stainless Steel W185 Wet Collector



Stock No	EF2280
Manufacturer	Carter Environmental
Model	W185
Year of Manufacture	07/2017
Serial	170178
Condition	Seen working by RSW, Excellent Condition, Current Model
Approx Duty CFM / M ³ /Hr	3500 // 6000
Filter Area ft ² / m ²	Wet Curtain
Other Info	11 Kw Fan // Atex Rated Wet Collector
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	630
External Dimensions (WxDxH mm)	1670 x 1219 x 2745mm

Description

Wet systems for the effective and safe capture of potentially ATEX rated explosive metal dust, such as aluminium, magnesium, titanium, zirconium, lithium, and tantalum.

- Wet systems utilise a turbulent water bath to effectively strip the air of dust from operations involving polishing, grinding, and de-burring.
- The Nonflam extractors duct directly to the process, whether that be direct to the dust generating machinery, a



stand alone downdraft bench, or even full dust control booths for larger parts.

- Wet systems may also be used for other processes that create heavy sparks and dust, such as the cutting, grinding, air arcing, and thermal spraying of various types of metals.
- The Nonflam wet collector is a self-induced wet scrubber that has been developed over many years to offer the ideal solution to hot gas streams laden with dusts.
- Potentially explosive dusts such as Titanium and Aluminium can be handled safely and Magnesium can be extracted when fitted with auto water level control.

These high-efficiency collectors can be located inside or outside when fitted with a sump frost protection heater.

Features and Benefits

- Simple eliminator removal for cleaning.
- Automatic water level control and indicator.
- Self-induced wet scrubbing always provides full extraction rates.
- Easily removable front door for easy access to eliminators, inducer and sludge removal.
- High-efficiency filtration.
- Fan set with silencer.
- Weather protection hood option for outside location.
- Can handle Titanium, Aluminium and Magnesium (with optional control system).
- Efficiency levels of up to 98%.
- Integrated 11kW fan.
- Easily maintainable.

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