

Carter Environmental Thorn Nonflam W185 Stainless Steel Wet Collector



Stock No	EF2278
Manufacturer	Carter Environmental
Model	W185
Year of Manufacture	2017
Serial	170007
Condition	From a working environment, Good 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.

Previously Used in the Aerospace Industry

This plant comes from the Aerospace industry where any repairs and a maintenance programme was implemented
Formerly owned by ITP Aero.

- 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.

Additional Equipment.

- This unit was previously used with Item EF2277 a walk in Fettleing Booth.
- Interconnecting Ducting to link the two units is also available if required.

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