

Carter Environmental W220 Wet Dust Collector



Stock No	DPS400
Manufacturer	Carter Environmental
Model	W220
Year of Manufacture	2014
Serial	130422
Location	Our Central Warehouse, Aldridge, UK

Description

This Carter W220 wet collector provides a safe and efficient solution for capturing potentially explosive or hot metal dusts such as aluminium, magnesium, and titanium from grinding, cutting, and smelting processes. These durable, high-efficiency collectors ensure reliable ATEX-compliant extraction for a wide range of industrial applications.

Wet dust collection systems are designed for the or the effective and safe capture of potentially ATEX rated explosive metal dusts, such as **aluminium, magnesium, titanium, zirconium, lithium, and tantalum** and from processes producing hot gases such as smelting furnaces.

Wet systems utilise a turbulent water bath to effectively strip the air of dust.

The Nonflam extractors duct directly to the process, whether that be directly 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 the fitted sump frost protection heater and are designed to give many years of service.

Features Benefits

- Durable construction - mild steel painted
- Simple eliminator removal for cleaning
- Automatic Water level control and indicator
- Self-induced wet scrubbing always providing 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
- Efficiency levels of up to 98%
- Integrated 15kW fan
- Easily maintainable

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