



# Vixen 1-4

## Four Cartridge, Reverse Pulse Jet Dust Extraction System

### Specification

Filter unit main body and legs made from welded and fabricated 4mm steel with relevant cross bracing support.

External surfaces – painted in epoxy powder coated paint RAL 7035 and RAL 7016

Standard Cartridge filter type – 80/20 cellulose polyester media

Supplied with inlet duct

Cartridge Number 4PCS

Starter Panel Included

Total Filter media surface area is 92m<sup>2</sup>

Application Dust collect (normal temperature)

Dust particle collection – metal dust collection bin underneath main hopper

ATEX rated explosion relief panel - optional

Polyester – Anti-static – Nanoweb Fr – full PTFE cartridges – available as a cost option

Automatic Cartridge cleaning – downdraft, reverse pulse air jet bank (frequency adjustable) – digital version optional

### Technical Characteristics

Dust out used automatically pulse & recoil equipment

Fan air flow 3000m<sup>3</sup>/ hr / 1766cfm at 2,400Pa

Fan motor size 3Kw (roof mounted)

Resistance Initial filtering resistance—125-250Pa

Normal filtering resistance—500-750Pa

Final filtering resistance—1000-1250Pa

Pressure-resistant -5000Pa

Applicable temperature ≤ 135°C

Efficiency 99.99%@ 2μ