

## High Intensity Underflow Magnet



These units have been designed to be positioned on the underside of angled chutes to remove tramp type contamination.

These 'Primary' magnets are intended to prevent large pieces of ferrous contamination for example nuts, bolts, and washers, swarf etc from being introduced into process machinery to avoid damage occurring to expensive process equipment.

The magnet is supplied complete with hinge and quick release toggle clamps enabling quick and easy installation of the unit.

Because the magnet is positioned on the underside of the chute work, product flow is not effected thus allowing already established flow rates to be maintained.

The unit incorporates high intensity Rare Earth magnets which produce a deep reaching magnetic field to attract contamination that is in the product flow. As the contamination is more dense than the product it will travel on the bottom of the chute which is the best location to extract it.

Any attracted contamination finds sanctuary beneath the catchment ledges preventing 'wash off'. Cleaning the unit is quick and easy, simply release the toggle clamps, swing the magnet on the hinge, remove the contamination and re-secure the unit into place.

### Main features and benefits:

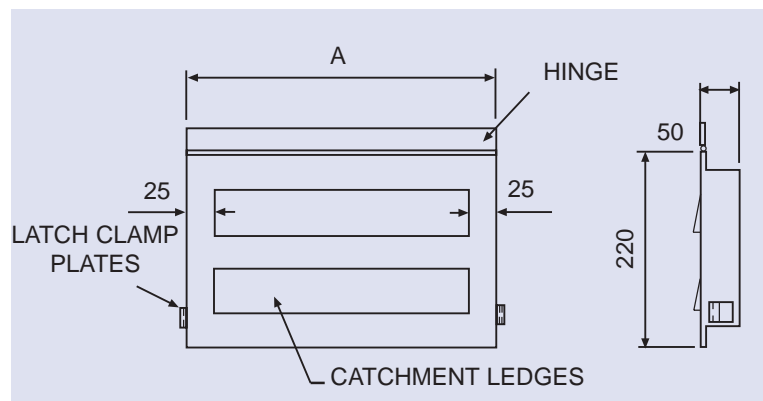
- High performance Rare Earth Neodymium ensures maximum field strength.
- Wide range of sizes available.
- Provides protection from a wide range of product contamination.
- Totally maintenance free (apart from cleaning), no power supply, no running costs!
- Quick and easy to install. Once in position, you know it's definitely working.
- Supplied with full test certificates.
- Guarantee on magnetic performance.

Eclipse Magnetics has a full range of magnetic separators to cover all applications. Many separators can be tailor-made to exactly suit existing process pipeline and duct work.

## Technical Specifications

- Magnetic Performance:** 3,500 Gauss on magnet surface.
- Magnetic Material:** High Energy 'Rare Earth' Neodymium Iron Boron.
- Material Specification:** All surface parts are 316 grade Stainless Steel.
- Finish:** Brushed.
- Limitations:** Standard units should not be exposed to temperatures in excess of 100° C (212° F). For special applications that can withstand temperatures up to 350° C (662° F), please contact our Technical Department for advice.

Part No	A (mm)	Weight (kg)
UFM200	200	12
UFM250	250	15
UFM300	300	18
UFM350	350	21
UFM400	400	24
UFM450	450	27
UFM500	500	30



**NB** Underflow units can be supplied in a fabricated housing to suit your requirements, please contact our Technical Department for advice.



*If it's Magnetic ....  
....Then it's Eclipse Magnetics*

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