

Single Row High Intensity Housed Easy-Clean Grid Magnets



Housed Easy-Clean Grid Magnets are ideal for removal of fine iron and paramagnetic contamination from a range of dry free flowing products such as sugar, grain, tea, plastic granulate and powdered chemicals.

The housing is manufactured from 316 grade Stainless Steel, designed to ensure product flow is not restricted by the introduction of the magnetic protection.

The Easy-Clean Grids are constructed from a number of highly magnetic rods which are held in position at pre-determined centres by a rigid framework. The rods emit high intensity magnetic fields across the gaps between them and these reach into the product stream, capturing any ferrous contamination. Once captured the contamination finds sanctuary on the underside of the rod where it is safe from the wash-off effects of continuous product flow.

Cleaning is simple. Externally isolate the product flow, release the securing bolts and withdraw the Easy-Clean grid assembly. Once the Easy-Clean Grid Magnet is extracted from the housing, simply enable the release mechanism, pull the magnetic cores out of the Stainless Steel cartridge and the contamination simply falls away. Replace the magnetic cores back in the cartridge and the grid is in prime condition once again. Reposition the grid in the housing and magnetic protection is returned to your process line.

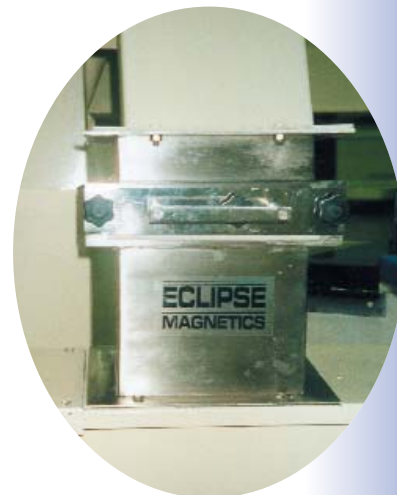
Main features and benefits:

- Available in two magnetic strengths up to 9,000 Gauss on the rod surface.

Standard Strength High Strength

Designed to remove coarse ferrous contamination.
Designed to remove fine ferrous contamination.

- Rapid cleaning facility - cleaned in seconds.
- Provides ultimate protection from a wide range of fine product contaminants.
- Totally maintenance free (apart from cleaning), no power supply, no running costs.
- Quick and easy to install. Once in position, you know its definitely working.
- Supplied with a range of flanges to suit.
- Welded and highly polished food quality 316 grade Stainless Steel.
- Supplied with full test certificates.
- Guarantee on magnetic performance.
- Contamination assessment can be carried out.



Technical Specifications

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.

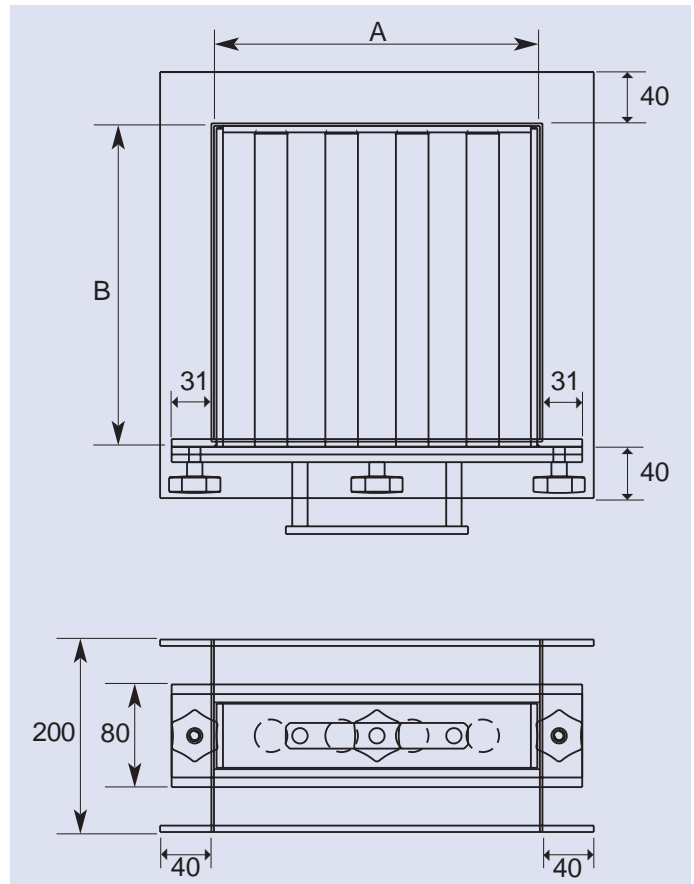
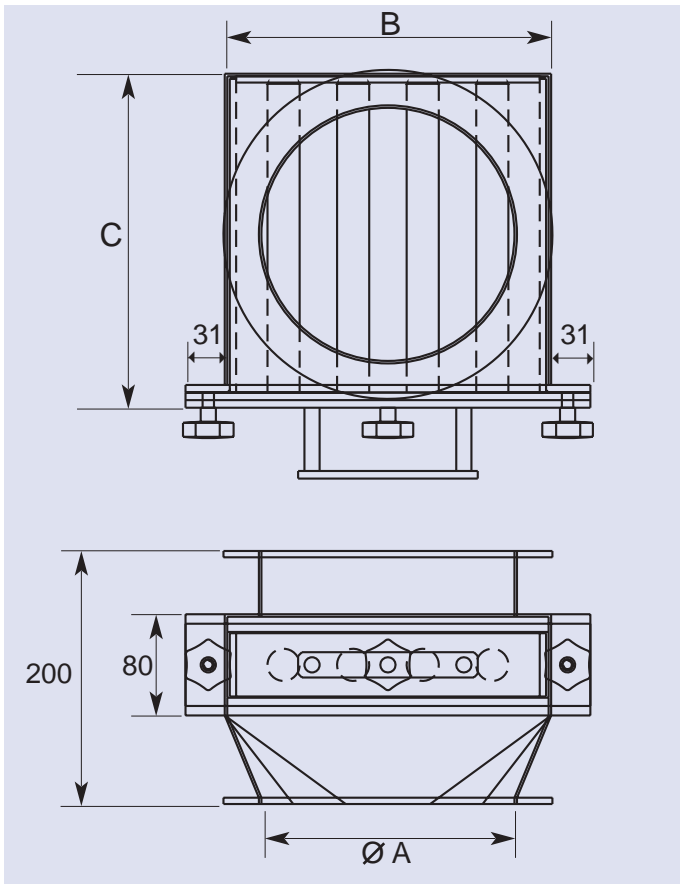
- Magnetic Performance:** Standard Strength 7,000 Gauss
High Strength 9,000 Gauss
- Magnetic Material:** High Energy 'Rare Earth' Neodymium Iron Boron.
- Material Specification:** All surface parts are 316 Stainless Steel.
- Finish:** Grid - Highly polished. Housing - Polished.
- Limitations:** High Intensity Easy-Clean Grid Magnets 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.

Where contamination problems may be particularly acute, double row housings are available (see data sheet 507).

Part No.	Dia. A (mm)	B (mm)	C (mm)	Weight (kg)
ECHS100	100	158	164	8
ECHS150	150	208	214	11
ECHS200	200	258	264	14
ECHS250	250	308	314	18
ECHS300	300	358	364	22

Part No.	A (mm)	B (mm)	Weight (kg)
ECHS1515	150	150	9
ECHS2020	200	200	12
ECHS2525	250	250	16
ECHS3030	300	300	21
ECHS3535	350	350	27
ECHS4040	400	400	34

NB. Mounting Flanges supplied plain



If it's Magnetic

....Then it's Eclipse Magnetics

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