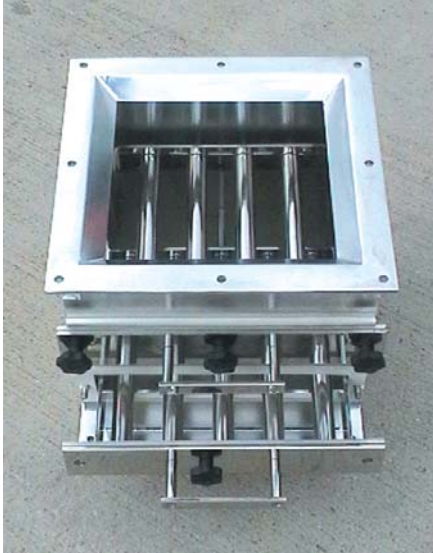


Double Row High Intensity Housed Easy-Clean Grid Magnets



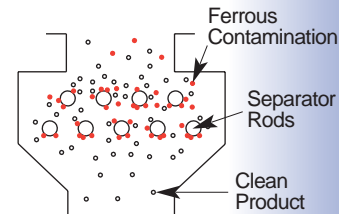
The Double Row Housed Easy-Clean Grid Magnet offers maximum metal removal efficiency. It should be incorporated in process lines where the removal of ferrous contamination is particularly difficult. Two rows of high intensity Easy-Clean grid magnets are mounted within a Stainless Steel housing ensuring optimum protection from ferrous contamination. The rods are configured in an offset pattern producing a wall of magnetic protection whilst not adversely affecting product flow.

Any contamination missed by the first grid will almost certainly be captured by the grid below.

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 the rods 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 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 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.
- Standard units to suit round and square pipe lines.
- Quick and easy to install. Once in position, you know its definitely working.
- Supplied with a range of flanges to suit your process line.
- Welded & 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).

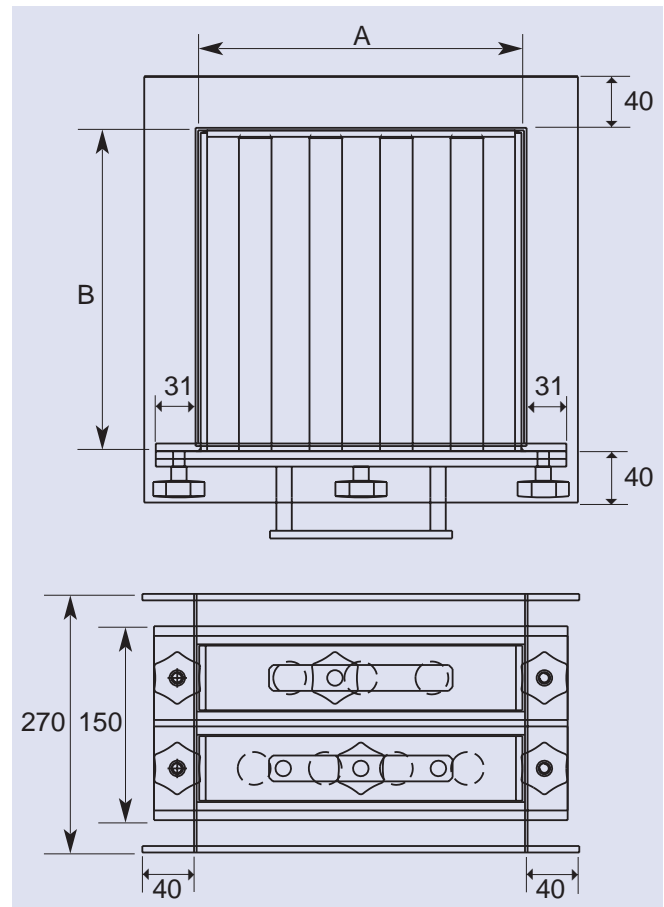
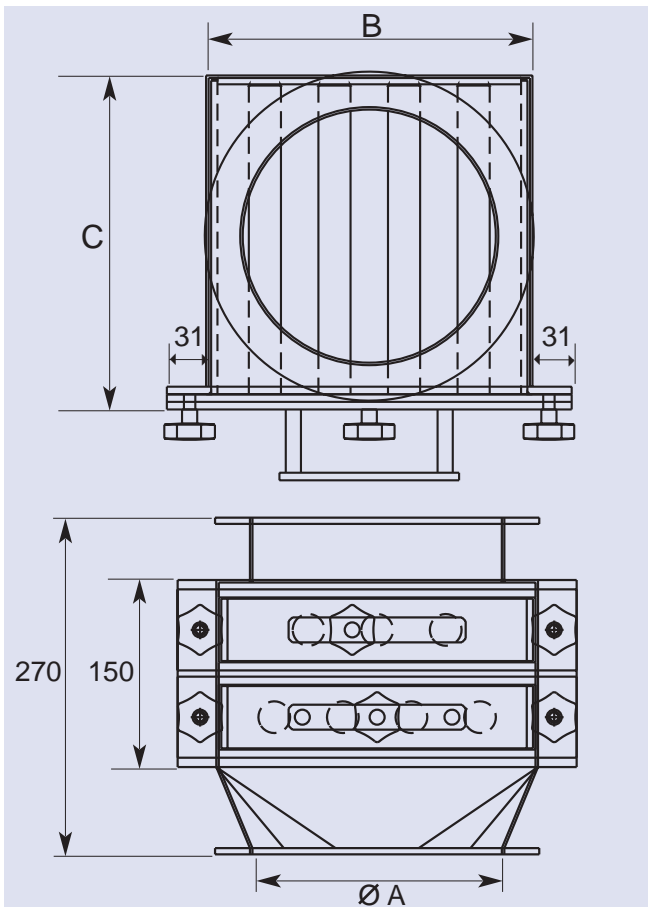
For special applications that can withstand temperatures up to 350 °C (662 °F), please contact our Technical Department for advice.

Part No.	Dia. A (mm)	B (mm)	C (mm)	Weight (kg)
ECHD100	100	158	164	14
ECHD150	150	208	214	18
ECHD200	200	258	264	24
ECHD250	250	308	314	31
ECHD300	300	358	364	39

NB. Mounting flanges supplied plain.

Part No.	A (mm)	B (mm)	Weight (kg)
ECHD1515	150	150	13
ECHD2020	200	200	17
ECHD2525	250	250	22
ECHD3030	300	300	28
ECHD3535	350	350	35
ECHD4040	400	400	43

NB. Mounting flanges supplied plain.



If it's Magnetic

....Then it's Eclipse Magnetics

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