

## At A Glance



Protection: Secondary



Feed Type: Gravity



Material Type: NdFeb



Cleaning Type: Manual

**Our high intensity easy clean grid is very versatile and can be utilised in most powder and granulate applications for the removal of ferrous and para-magnetic contamination down to sub-micron size.**

These units can be manufactured to any size and with any number of rods to meet most application requirements.

The grid's low profile side frame allows these units to be installed into existing chute work or machinery where height is restricted. Easy clean grids can be cleaned in under fifteen seconds, so are of particular interest to those companies that run 24/7 operations or where downtime is minimal.

These grids can also be supplied in housings for ease of installation into existing process lines.



## Benefits

- Simple to install
- Removes micron sized contaminants
- Reduces 'spark' risk
- Meets audit requirements

## Performance

Magnetic Performance	7000, 9000 and 10000 Gauss
Performance Reading	On tube surface
Magnet Grade	N35 & N45 – Inspected and confirmed via hysteresograph prior to use
Temperature	-20°C / +90°C

## Suitability

Suitable Products	Dry powders, granulates and liquids etc
Suitable Location	Any vertical or slightly angled process line

## Materials

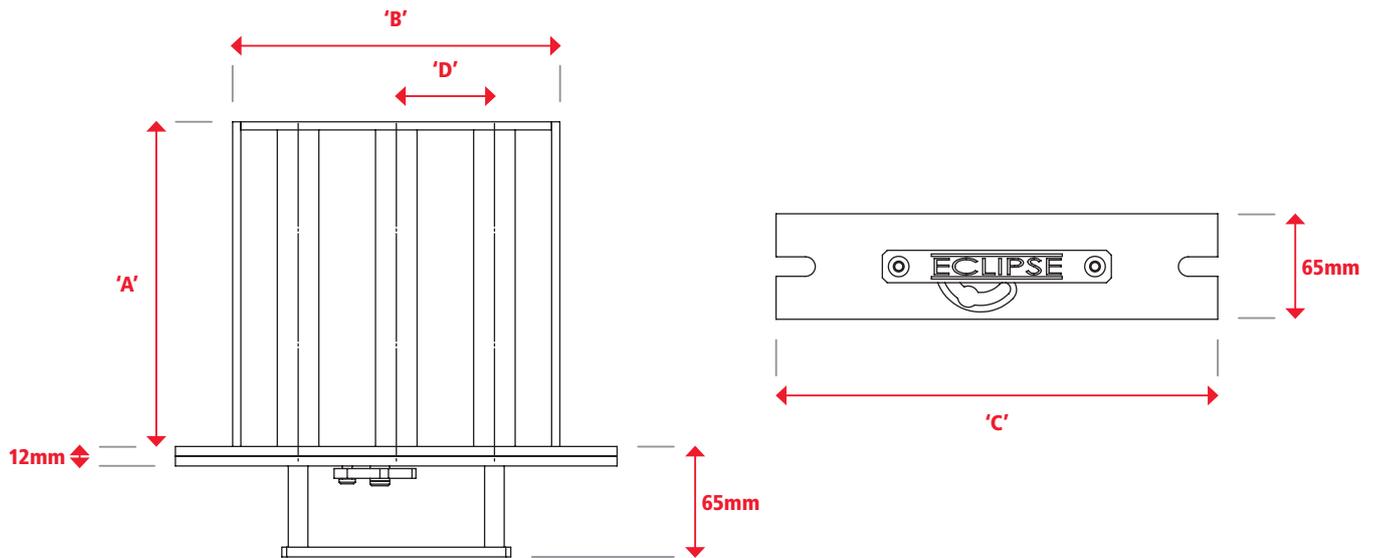
Magnetic Material	Rare Earth Neodymium Iron Boron - (NdFeb)
Tubing	316 grade stainless steel
Other Parts	316 grade stainless steel
Swing Clamps	304 grade stainless steel
Surface Finish	Polished to 0.6µm

## Cleaning

Simply move the swing clamp to the 'open' position, pull the magnetic cores out of the stainless steel tube assembly and the contamination simply falls away. It is at this stage that all attracted contamination can be easily removed allowing for inspection or further analysis.

## Options

- Pharmaceutical specification
- Larger sizes available
- Safety relay switch
- ATEX certified
- Higher temperature versions available



Part Number	Length A (mm)	Width B (mm)	Width C (mm)	Centres D (mm)	Number of Rods	Weight (kg)
EC1515	150	150	220	60	2	3.8
EC2020	200	200	270	60	3	4.2
EC2525	250	250	320	55	4	6.8
EC3030	300	300	370	55	5	8.6
EC3535	350	350	420	55	6	12.0
EC4040	400	400	470	55	7	16.3
EC4545	450	450	520	55	8	21.1
EC5050	500	500	570	55	9	25.0
EC5555	550	550	620	55	10	29.5
EC6060	600	600	670	55	11	34.25

For non-standard sizes, please contact [sales@eclipsemagnetics.com](mailto:sales@eclipsemagnetics.com)