

At A Glance



Protection: Secondary



Feed Type: Gravity



Material Type: NdFeb



Cleaning Type: Manual

High intensity grids are very versatile and can be used in most powder, granulate and liquid 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 grids' low profile side frame means they can be installed into existing chute work or machinery where height is restricted.

Grids are of particular interest to OEMs who wish to incorporate them into their machinery with the minimal amount of redesign.



Benefits

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

Performance

Magnetic Performance	7000, 9000, 11000 and 12000 Gauss
Performance Reading	On tube surface
Magnet Grade	N35 & N45 – Inspected and confirmed via hystero-graph prior to use
Temperature	-4°F / +194°F

Suitability

Suitable Products	Dry powders and granulates
Suitable Location	Vertical or angled process lines

Materials

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

Cleaning

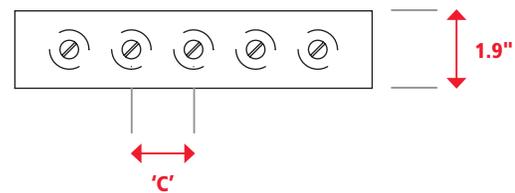
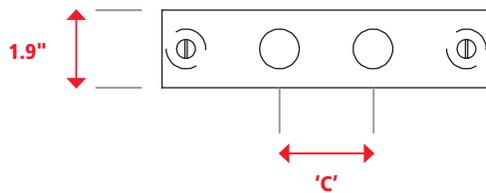
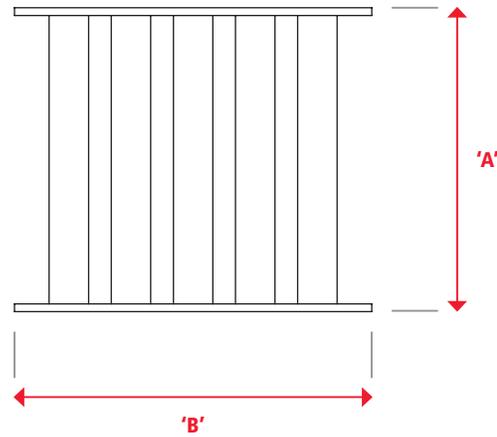
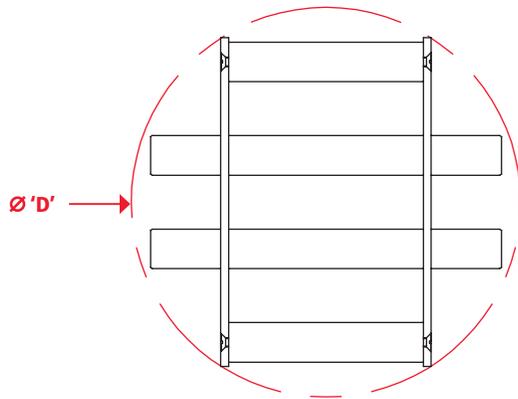
Due to the high intensity magnetic field and simple design, fixed grids require more effort to clean than the Eclipse Magnetics 'easy clean' design. Remove the grid from its process position and push the contamination down each rod. This will release the majority of all attracted contamination.

Options

- Pharmaceutical specification
- Larger sizes available
- Higher temperature versions available



Circular / Square Grid



Part Number (Circular)	Diameter (inches)	Centres C (inches)	Number Of Rods	Weight (lbs)
CG100	3.9	1.7	2	2.6
CG150	5.9	1.9	3	3.3
CG200	7.8	2.3	3	5
CG250	9.8	2.3	4	8.2
CG300	11.8	2.3	5	11
CG350	13.7	2.3	6	15.4
CG400	15.7	2.3	7	21
CG450	17.7	2.3	7	31
CG500	19.6	2.3	8	37.5
CG550	21.7	2.3	9	44
CG600	25.9	2.3	10	52.9

Part Number (Square)	A (inches)	B (inches)	C (inches)	Number Of Rods	Weight (lbs)
GM1515	5.9	5.9	2.3	2	7
GM2020	7.8	7.8	2.3	3	8.3
GM2525	9.8	9.8	2.1	4	14.5
GM3030	11.8	11.8	2.1	5	17.6
GM3535	13.7	13.7	2.1	6	24.2
GM4040	15.7	15.7	2.1	7	32.6
GM4545	17.7	17.7	2.1	8	42.3
GM5050	19.6	19.6	2.1	9	46.2
GM5555	21.7	21.7	2.1	10	50.7
GM6060	25.9	25.9	2.1	11	59.5

For non-standard sizes, please contact sales@eclipsetoolsinc.com

