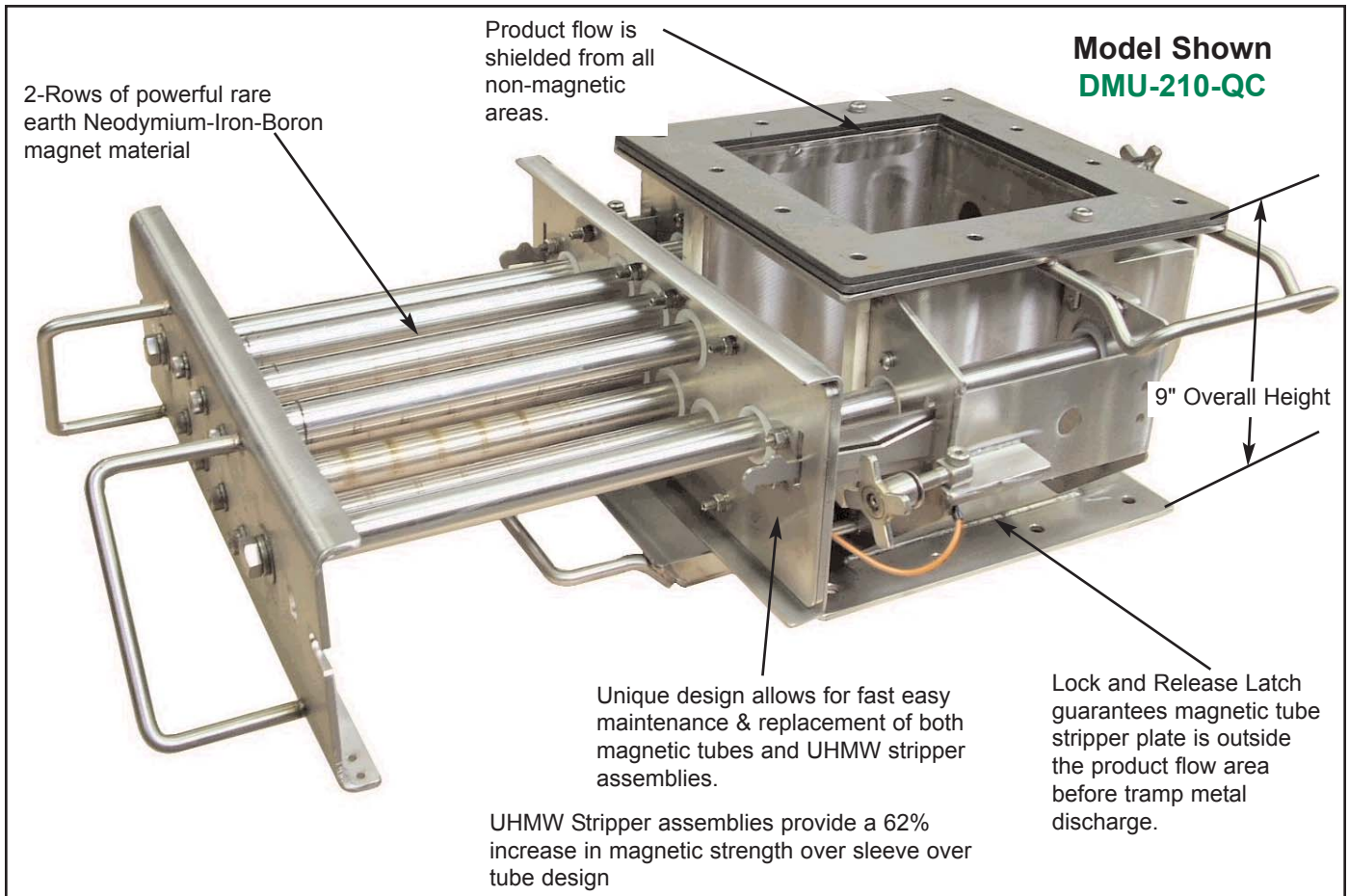




# 200-Series Drawer Magnet & Housing Quick-Clean

Series: DMU-200-QC



2-Rows of powerful rare earth Neodymium-Iron-Boron magnet material

Product flow is shielded from all non-magnetic areas.

**Model Shown**  
**DMU-210-QC**

9" Overall Height

Unique design allows for fast easy maintenance & replacement of both magnetic tubes and UHMW stripper assemblies.

Lock and Release Latch guarantees magnetic tube stripper plate is outside the product flow area before tramp metal discharge.

UHMW Stripper assemblies provide a 62% increase in magnetic strength over sleeve over tube design

**Application:** MPI's "Quick Clean" Drawer and Housing Magnetic Separators utilize "Type A" magnetic circuit, to remove small to medium sized ferrous contaminant from dry powder or granular free-flowing product streams in gravity-fed vertical chutes.

These 200-SERIES QUICK-CLEANING DRAWER MAGNETS (DMU-200-QC) utilize 2-tiers of magnetic tubes for maximum magnetic filtration for protecting processing equipment such as: milling, extruding, and mixing machinery while insuring high product quality standards with low maintenance.

**Operation:** Product flows through two rows of 1" diameter magnetic tubes, designed to create an extremely effective magnetic circuit. The rows of magnetic tubes are staggered to maximize magnetic filtration as product flows through the housing. Tramp metal contaminants move to the underside of the magnetic tubes—eliminating tramp metal "wash-off". After terminating the product flow, the magnetic tubes are pulled through the non-metallic UHMW stripper assemblies, cleaning the magnetic tubes and depositing the metal contaminants outside the product stream into a collection tray.

Got a question about Metal Control or Material Handling Products...

Ask the  
**Magnet Man**



[www.magnetmanusa.com](http://www.magnetmanusa.com)

## Magnetic Products, Inc.

Providing Magnetic Solutions for the  
Material Handling Industry

800-544-5930

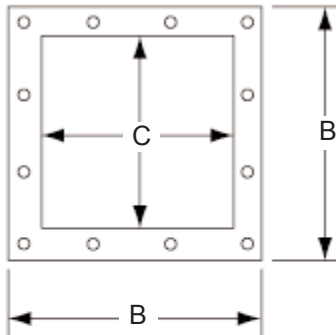


# Providing Magnetic Solutions For the Material Handling Industry

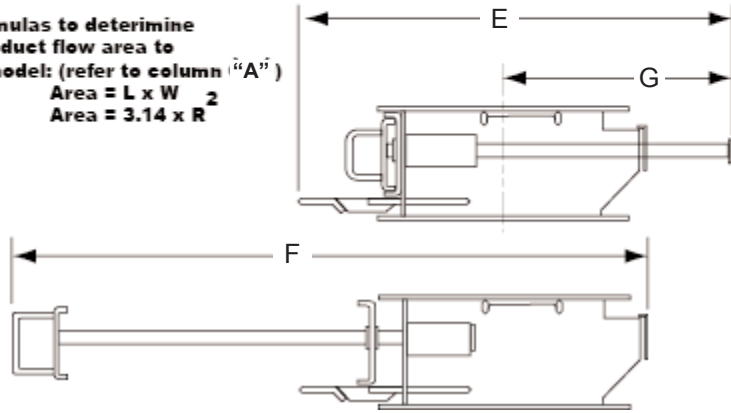
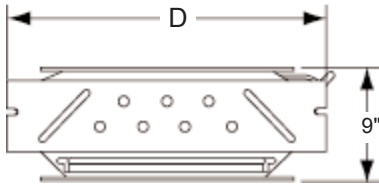
### DMU Model Number Coding:

**DMU-208-QC**

- Quick-Clean
- 8" Sq. Inlet and Outlet Product Flow Openings
- 2 Rows of Magnets
- Drawer Magnet with UHMW Strippers



Use the following formulas to determine Chute's maximum product flow area to recommended DMU model: (refer to column "A")  
**For Rectangular:** Area = L x W  
**For Round:** Area = 3.14 x R<sup>2</sup>



MAGNET CLEANING POSITION

## DMU-200-QC SELECTION GUIDE

DMU-200-QC MODEL NUMBER*	CHUTE'S MAXIMUM AREA A		FLANGE WIDTH B		DMU'S AREA OPENING C		OVERALL WIDTH D		OVERALL LENGTH E (DRAWER CLOSED)		OVERALL LENGTH F (DRAWER OPEN)		REAR EDGE TO CENTER G		NUMBER OF MAGNETIC TUBES	APPROX. UNIT WEIGHT	
	SQ. IN.	SQ. CM	IN.	CM	SQ. IN.	SQ. CM	IN.	CM.	IN.	CM.	IN.	CM.	IN.	CM.		2 ROWS	LBS.
DMU-208-QC	16	103	12.25	31.1	64	162.5	17.75	45.0	27	68.6	30.23	76.8	14.5	36.8	7	77	34.9
DMU-210-QC	36	232	14.25	36.2	100	254.0	19.75	50.1	29	73.7	34.23	86.9	15.5	39.4	9	106	48.1
DMU-212-QC	64	413	16.25	41.3	144	365.7	21.75	55.2	31	78.7	38.23	97.1	16.5	41.9	11	128	58.1
DMU-214-QC	81	523	18.25	46.4	196	497.8	23.75	60.3	33	83.8	42.23	107.3	17.5	44.5	13	156	70.8
DMU-216-QC	100	645	20.25	51.4	256	650.2	25.75	65.4	35	88.9	46.23	117.4	18.5	47.0	15	186	84.4

\* Specifications subject to change. Custom sizes available upon request.

### Standard Features:

- UHMW stripper seals for increased magnetic strength
- Powerful Rare Earth Neodymium-Iron-Boron magnet material
- Operating temperatures up to 250 Deg. F
- 100% Stainless steel construction
- Two rows of 1" dia. magnetic tubes on 2" centers, for maximum magnetic filtration
- Complete stripping action of magnetic tubes insures tramp iron release
- Easy maintenance and replacement of both magnetic tubes and stripper seals
- Tramp iron collection trays (Not shown)

### Optional Features:

- Single & multi-tier configurations and non-standard magnetic tube spacings
- Non-standard alloy stainless steel construction
- Ecominical Ceramic 8 magnetic material for less severe tramp iron applications
- Inlet and outlet transition adapters, sized to customer specifications
- Abrasive resistant and low friction material for magnetic tubes
- Non-standard stripper seals for applications not suitable for UHMW

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