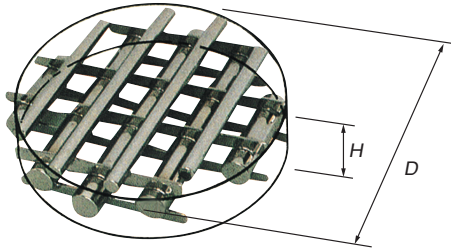


Model PCMG-C POWERFUL ROUND GRID TYPE MAGNETIC BAR UNIT



PCMG-C20



[Application]

A unit consisting of powerful magnetic bars arranged in a grid. It is used to remove iron from various granular materials when they fall in round ducts or pipes. It can also be placed or suspended in a liquid tank to remove iron.

[Features]

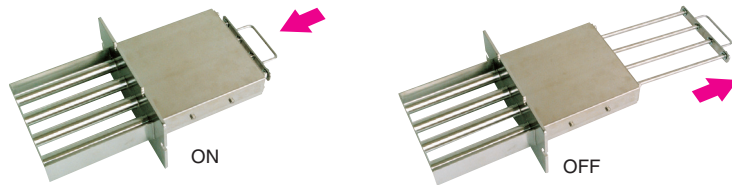
- High grade finish of sanitary specification.
- Various sizes are available to meet various duct sizes and pipe diameters.
- High power magnetic bars: a powerful rare earth magnet having a property value of 1.2 T (12,000 G) or 1.35 T (13,500 G) or over is incorporated and the surface maximum magnetic flux density is 0.8 T (8,000 G) or 1 T (10,000 G) or over.
- These are of waterproof construction to allow installation in liquid.
- Since permanent magnets that maintain a strong magnetic force almost perpetually are used, the running cost can be reduced significantly.



Magnets contributing to the glitter of pure white crystal sugar.

An example of equipment utilizing magnetic bars

This equipment can turn its magnetic force on and off to remove attracted iron. When the lever is pulled, the magnetic bars in the pipes move to the box and the pipes lose the magnetic force. When the lever is pushed in, the pipes regain the magnetic force.



※ This equipment is made to order and will be manufactured after determination of sizes, etc. with the customer.

Powerful round grid type magnetic bar unit

[mm (in)]

Model	Processing Capacity	Dimensions		Applicable Magnetic Bar			Casing		Surface Max. Magnetic Flux Density	Working Temp. Upper Limit	Mass	Remarks
		D	H	Dia.	Magnet used	Qty	Material	Finish				
PCMG-C20	4.5m³/h	φ 196 (7.71)	65 (2.55)	φ 25 (0.98)	Nd rare earth type Property value 1.2 T (12,000 G)	4	SUS304	#400 buffed	0.8T (8000G)	80°C (176° F)	2.2kg/ 4.8 lb	SUS316 version also available.
PCMG-C25	7 m³/h	φ 246 (9.68)				5					3.6kg/ 7.9 lb	
PCMG-C30	10 m³/h	φ 296 (11.6)				6					5 kg/11.0 lb	
PCMG-C35	13 m³/h	φ 346 (13.6)				7					6.5kg/14.3 lb	
PCMG-C40	17 m³/h	φ 396 (15.5)	8	7.8kg/17.2 lb								

※ A 2-stage type or a type with frame is also available upon request.

Heat-resistant powerful round grid type magnetic bar unit

[mm (in)]

Model	Processing Capacity	Dimensions		Applicable Magnetic Bar			Casing		Surface Max. Magnetic Flux Density	Working Temp. Upper Limit	Mass	Remarks
		D	H	Dia.	Magnet used	Qty	Material	Finish				
PCMG-TC20	4.5m³/h	φ 196 (7.71)	65 (2.55)	φ 25 (0.98)	Sm rare earth type Property value 1.1 T (11,000 G)	4	SUS304	#400 buffed	0.8T (8000G)	240°C (464° F)	2.2kg/ 4.8 lb	SUS316 version also available.
PCMG-TC25	7 m³/h	φ 246 (9.68)				5					3.6kg/ 7.9 lb	
PCMG-TC30	10 m³/h	φ 296 (11.6)				6					5 kg/11.0 lb	
PCMG-TC35	13 m³/h	φ 346 (13.6)				7					6.5kg/14.3 lb	
PCMG-TC40	17 m³/h	φ 396 (15.5)	8	7.8kg/17.2 lb								

※ A 2-stage type or a type with frame is also available upon request.

Super powerful round grid type magnetic bar unit

[mm (in)]

Model	Processing Capacity	Dimensions		Applicable Magnetic Bar			Casing		Surface Max. Magnetic Flux Density	Working Temp. Upper Limit	Mass	Remarks
		D	H	Dia.	Magnet used	Qty	Material	Finish				
PCMG-AC20	4.5m³/h	φ 196 (7.71)	65 (2.55)	φ 25 (0.98)	Nd rare earth type Property value 1.35 T (13,500 G)	4	SUS304	#400 buffed	1T (10000G)	80°C (176° F)	2.2kg/ 4.8 lb	SUS316 version also available.
PCMG-AC25	7 m³/h	φ 246 (9.68)				5					3.6kg/ 7.9 lb	
PCMG-AC30	10 m³/h	φ 296 (11.6)				6					5 kg/11.0 lb	
PCMG-AC35	13 m³/h	φ 346 (13.6)				7					6.5kg/14.3 lb	
PCMG-AC40	17 m³/h	φ 396 (15.5)	8	7.8kg/17.2 lb								

※ A 2-stage type or a type with frame is also available upon request.

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