

General description

The **MICRO AM4 series** consist of a system of 4 insulators combined in parallel. The varied load capacity they can withstand (from 20 daN to 500 daN) makes them the most suitable for insulating all kinds of machinery with a low cycle operating system (over 600 rpm). Their most outstanding feature is their lateral reinforcement, which limits the roll of the insulator in the event of momentary stresses in dynamic operation. Moreover, they have a rubber gasket inside the reinforcement which absorbs vibration by rubbing, dissipating part of vibratory energy in heat.



Description of the components :

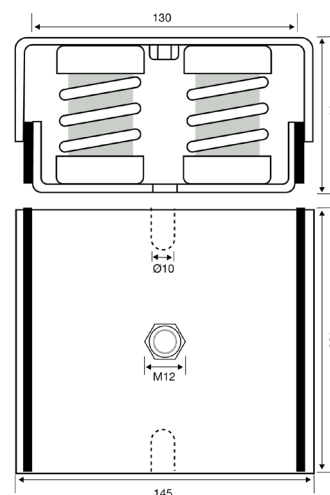
- **Springs** are protected with epoxy-polyester resin painting, resulting in high resistance to weathering
- **Cylindrical metal bushings** which protect the outside of the spring at the ends. It furthermore incorporates a visco-elastic putty which prevents direct contact of the metal parts and promotes sound blocking.
- **Rectangular metal bases** with open lateral attachment holes to make centring of drill holes easier for attachment to the floor or structure
- **U-shaped metal bases** to give them greater stiffness.

Technical specification

- Low frequency isolators very indicated for HVAC installations
- Recommended in areas prone to high winds or earthquakes
- Isolator spring very indicated to work in equipments with lateral movement or quick changes of speed such as fans, chillers...
- The M12 leveling screws can be supplied separately for leveling
- Color coded for ease of identification

	MICRO AM4					
	20	60	80	100	150	200
Min. Load (12 mm) (Kg)	5	31	36	52	60	104
Max. Load (25 mm) (Kg)	20	60	80	100	150	200

	MICRO AM4					
	250	300	350	400	450	500
Min. Load (15 mm) (Kg)	130	156	182	209	235	261
Max. Load (35 mm) (Kg)	250	300	350	400	450	500



Dynamic behaviour of our springs & rubbers

All our antivibration springs models have been tested in European Acousticals Laboratories in order to accomplish the EU Antivibration standard regulations.

See Dynamic Behaviours results Exp n° 06/32006786.



Mounting specification

		Spring 1	Spring 2	Spring 3	Spring 4
MICRO AM4	20	AM 5 C	AM 5 C	AM 5 C	AM 5 C
	60	AM 15 C	AM 15 C	AM 15 C	AM 15 C
	80	AM 25 C	AM 15 C	AM 15 C	AM 25 C
	100	AM 25 C	AM 25 C	AM 25 C	AM 25 C
	150	AM 25 C	AM 50 C	AM 50 C	AM 25 C
	200	AM 50 C	AM 50 C	AM 50 C	AM 50 C
	250	AM 50 C	AM 75 C	AM 75 C	AM 50 C
	300	AM 75 C	AM 75 C	AM 75 C	AM 75 C
	350	AM 100 C	AM 75 C	AM 75 C	AM 100 C
	400	AM 100 C	AM 100 C	AM 100 C	AM 100 C
	450	AM 125 C	AM 100 C	AM 100 C	AM 125 C
	500	AM 125 C	AM 125 C	AM 125 C	AM 125 C

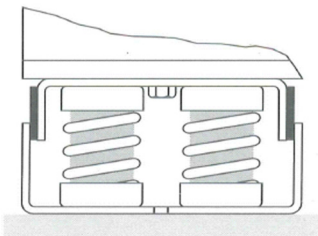
Spring 1

Spring 2

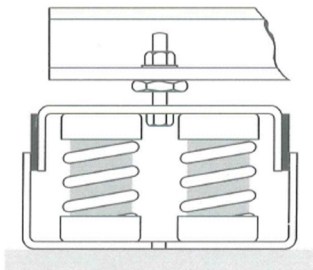
Spring 3

Spring 4

Assembly

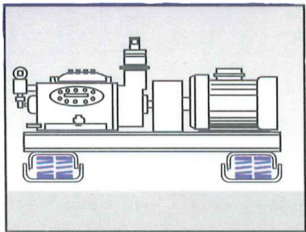


Direct Assembly
System for free fitting

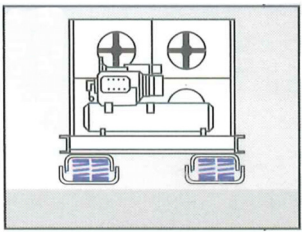


Assembly with leveling
System supplied with levering screws for attachment and leveling

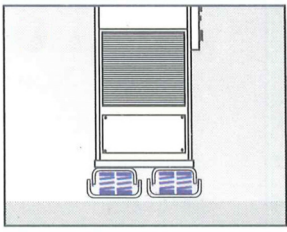
Application



Cooling compressor



Refrigeration
condenser units



Upright
climatization units

Information contained herein is based on careful tests and experience. It reflects our knowledge and is for guidance purpose only. It is given in good faith and user should ensure that the product is fit for purpose before any application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Manufacturer and distributor are not responsible for any non-recommended use or consequential damage.