

MIURA CO., LTD.

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Sales of the MEA-37E Resin Casing Water Ring Vacuum Pump Commence

Industrial boiler manufacturer MIURA CO., LTD. (Tokyo Head Office: Minato-ku, Tokyo; President and CEO: Tsuyoshi Yoneda; hereinafter referred to as “MIURA”) has added a new product to its lineup, the MEA-37E (hereinafter, “this product”), a water ring vacuum pump with a resin casing. This product will go on sale on October 1, 2025.

MIURA’s low-capacity vacuum pumps are oil-free water ring vacuum pumps that have earned high praise from our customers for their high durability and easy maintenance, thanks to the use of resin casings. With this new product, MIURA has successfully developed the technology for producing large resin casings, allowing the integration of existing product features into large-capacity models. MIURA believes that this technological innovation will allow us to better respond to the diversifying needs of customers. Going forward, MIURA will continue research and development efforts to offer better products.



▲ MEA-37E water ring vacuum pump

[Main Features]

1. Corrosion-resistant and highly sanitary

The resin casing and stainless-steel two-stage impellers give the MEA-37E excellent corrosion resistance in corrosion-prone environments. Additionally, the exhaust does not contain rust, making it hygienic and environmentally friendly.

2. Compact and lightweight

The resin casing and directly-linked motor structure make this a compact, lightweight pump. This offers greater flexibility in equipment layout. Additionally, this product utilizes a two-pole motor, reducing mass by 20% over previous models. This reduces the load during transportation and handling.

3. Maintenance-free, reducing the burden during use

Completely eliminated the risk of casing corrosion due to rust. This eliminates the need for regular maintenance, reducing the burden on customers.

4. High-temperature air intake possible

Although the previous model, the MEA-37, was designed for air intake temperatures of up to 60°C, the heat-resistant design and use of heat-resistant resin in the MEA-37E allow it to withstand temperatures of up to 97°C.

5. Low cost

The use of a resin casing offers durability at a lower cost than regular all-stainless-steel pumps.

[Main Applications]

- Deaeration of vacuum packaging
- Deaeration of dissolved oxygen and nitrogen in water
- Adsorption transport

[Specifications]

Item	Unit	Previous model	This product
Model	-	MEA-37	MEA-37E
Exhaust speed [50 Hz/60 Hz]	m ³ /h	60/75	60/75
Pressure reached	kPa	2.3	2.3
Motor	kW	3.7	3.7
External dimensions	mm	330 x 578 x 314	310 x 609 x 289
Mass	kg	83	66

▼Inquiries

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