

# Boiler Burners

**Volcano** VOLCANO CO., LTD.

<http://www.volcano.co.jp/english/index.html>

## Proportional control type oil burner "MJ II-M"



Design and development of "MJ II-M" fully automated pressure jet proportional control burner allows energy saving operation with composite boiler. Features are as followings.

- Proportional control (turn down ratio / 3:1) allows for reducing the burner ON / OFF switching and improving the boiler efficiency.
- Combustion of both HFO and MGO fuels without changing atomizers.
- Easy and quick replaceable coupler attached on fuel line allows for less maintenance time.
- "MJII-M" is applied for 1~3t/h boiler.

## INQUIRIES

**Sales Department, Combustion Engineering Division**

1-3-38 Nonaka-kita, Yodogawa-ku, Osaka, 532-0034, Japan

Tel : +81-6-6392-5541 Fax : +81-6-6396-7609

E-mail : info-m@volcano.co.jp

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## OIL / GAS COMBINATION BURNER "Vignis"



This Oil / Gas combination burner "Vignis" is suitable for LNG Fueled vessels which are expected to increase. Features are as followings.,

- "Vignis", featuring the turndown ratio of 10:1, allows for energy-saving operation.
- Equipped with the Oil / Gas dual combustion mode as well as the Oil / Gas mono-fuel combustion modes, "Vignis" will allow for energy-saving operation.
- With the Oil / Gas dual combustion mode, the Oil / Gas ratio can be freely set to allow for economical operation in accordance with each vessel's circumstances.
- "Vignis" is applied for 4~10t/h boiler.

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## OIL / GAS COMBINATION BURNER "Vignis-mini"



This Oil / Gas combination burner "Vignis-mini" is suitable for LNG Fueled vessels which are expected to increase. Features are as followings.

- "Vignis-mini", featuring the turndown ratio in the range of 3:1 to 10:1, allows for energy-saving operation.
- Equipped with the Oil / Gas dual combustion mode as well as the Oil / Gas mono-fuel combustion modes, "Vignis-mini" will allow for energy-saving operation.
- With the Oil / Gas dual combustion mode, the Oil / Gas ratio can be freely set to allow for economical operation in accordance with each vessel's circumstances.
- "Vignis-mini" is applied for 1 to 3 t/h boiler.

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E-mail : [info-m@volcano.co.jp](mailto:info-m@volcano.co.jp)