

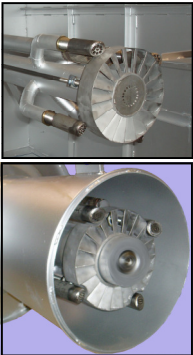
GLOBAL SOLUTIONS . . . LOCAL DELIVERY

Low NOx Q-jet™ Optimization Kit...

Increase Efficiency, Lower Emissions, Reduce Maintenance...

...with **Hamworthy Peabody Combustion** Upgrade Kits and Components

Reduce Carbon Footprint



Why replace complete burner assemblies to meet emissions requirements when Hamworthy Peabody Combustion offers an upgrade kit that can be retrofitted to practically any burner, regardless of manufacturer? Achieving NOx reductions up to 35% on gas firing, and up to 40% on oil firing (when equipped with the **SPIROjet™** Low NOx Atomizer), the **Q-jet™** is a very practical alternative.

New Q-jet™ Low NOx Gas Burner Optimization Kit

- Can upgrade most gas burners (regardless of original manufacturer) to a low NOx burner.
- Can be equipped with an oil gun and combined with either the **SPIROjet™** or **SPIROjet EX™** atomizer.
- Designed to be installed with minimum effort or cost.
- Increases turndown capability

An economical and practical alternative to installing complete new burners!

Need greater NOx Reductions?

*Ask about our **Ecojet™** Burner.*

Contact Hamworthy Peabody Combustion directly, through your Region Manager, or through your local Representative to get a quote on this, or any of our many other upgrades, new products, replacement parts, and service. Contact information on Page 2, or visit our website:

www.hamworthy-peabody.com


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Installing the Q-jet™ into an HPC APR™ Burner

While these pictures show installation in our shop, the kit can easily be installed onto existing burners: just remove the removable center of the existing burner, along with the existing gas and/or oil burners, and insert the Q-jet™ kit!

Typical Q-jet™ Kit Consist of:

- New Removable Center Assembly
- Multi-lance/CFG Staged Gas Burner Assembly with Swirler
- New Oil Unit (optional)
- New Ignitor Assembly (optional)
- New Flame Scanner (optional)

In addition, Hamworthy Peabody Combustion can supply:

- Air Flow Modeling
- Burner Management System modifications
- Fuel Valve Trains
- Start-Up Commissioning
- Full Turnkey Installation Service
- Preventive Maintenance Programs

Other upgrades available to reduce emissions and operating costs:

New SPIROjet™ Low NOx Fuel Oil Atomizer

Applicable to all (regardless of manufacturer) steam or air atomized oil burners, the Hamworthy Peabody Combustion SPIROjet™ atomizer can lower NOx emissions considerably without costly register or burner-body replacement.

New SPIROjet EX™ Low NOx/Ultra-Low Atomizing Steam Atomizer

The Hamworthy Peabody Combustion SPIROjet EX™ atomizer reduces atomizing media consumption **75-90%** over conventional atomizers, and often has a payback of as little as three months! The one-piece design eliminates matching of tip/plug. In addition, it includes the low NOx features of the SPIROjet™ atomizer, above. It is also applicable to all burners regardless of manufacturer.

SMARTflow™ Flow Modeling

Efficiency and emissions are strongly emphasized in today's combustion processes, and air flow is one of the major factors; Hamworthy Peabody Combustion's SMARTflow™ Flow Modeling will optimize both new and existing systems to reduce your fuel consumption, lower your operating costs, and assure reduced emissions.

Provide the highest level of safety & reliability to your equipment and employees by using only authorized Hamworthy Peabody Combustion replacement parts. Most insurance companies will *not* honor claims unless OEM parts are used.

An ISO 9001:2000 Approved Company



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