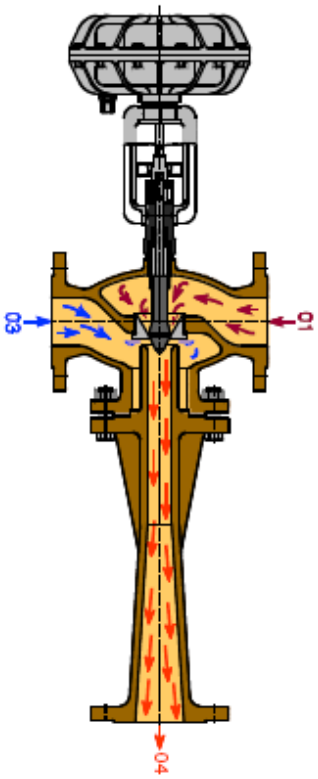
Jet Pumps from LowC



What is a Jet Pump?

A jet pump or 'ejector' is a passive pump that replaces the traditional "3-way valve and pump" setup in a heating circuit. Pumping is achieved by utilising a larger primary pump and differential pressure between flow and return.

This brings about several key benefits:

- **Low investment, assembly and start-up costs** – no 3-way valves or secondary circulating pumps and associated cabling required.
- **High operational reliability and low maintenance costs** – less moving parts, therefore little to no wear and tear.
- **Significant energy savings in use** – no power for secondary circulating pumps required, lower total installed pumping power and higher level of control.
- **Reduced need for primary heat energy** - heating system is more efficient as all available heat supplied is utilised rather than re-circulated.
- **Significant noise level reduction** - no secondary pump and reduced flow speeds with reduced load, e.g. no whistling of radiators.

COMPARISON TABLE	Traditional Setup 5 x 3-way valves, 5 x Secondary pumps (0.76kW) 1 x Primary pump (1.5kW)	**Jet Pump Setup** **5 x jet pumps** **1 x primary pump (2.2kW)**
Total Power	(5x0.76) +1.5 = 5.4kW	**2.2kW (less than half)**
Running Costs	Baseline	**60% reduction**

LowC has the exclusive rights to supply, operate and maintain high quality, German-manufactured Baelz Jet Pumps throughout the UK and Ireland.

For more information please contact Richard Griffin at rg@lowc.co.uk or call the number below.

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