

Thermacon

The Thermacon converts UHP water to HOT water

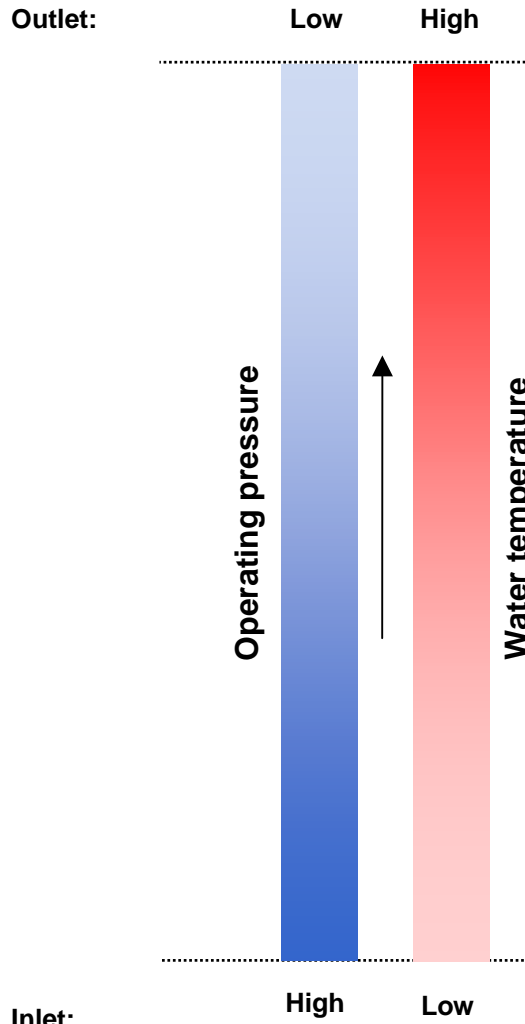
There are certain high pressure water blasting applications where hot water is an advantage.

Conventional hot water systems have restricted operating pressures which limit performance. The water heating systems and associated maintenance problems result in high operational costs.

The Hammelmann Thermacon offers owners of UHP pump units an alternative, technically uncomplicated method of producing a high temperature, medium pressure water jet. It quite simply converts the energy of a UHP jet into heat by means of an adjustable internal splitter nozzle.

Advantages

- Only an accessory for your existing UHP pump unit required.
- No heat resistant items necessary
no hot water gun
no hot water hose
- The high temperature water is produced just where it is needed.
- Optional: use the heat produced by the diesel engine to increase the water temperature by adding a bypass heat exchanger.



- **Operational in minutes ! Just screw onto the blasting gun, add a nozzle assembly or rotorjet and ready, steady go !**

- The operating pressure/temperature ratio is easily adjusted to suit the job at hand.



Application examples

All typical hot water blasting applications such as:

- Graffiti removal
- Removal of oils, greases and tar based products
- Cleaning sensitive surfaces such as sandstone facades
- Cleaning machinery and machine parts etc.

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Technical data

- max. operating pressure: 50800 psig
- max. temperature: 203°F
- max. flow rate: 6.6 GPM
- length: 7"
- weight: 1,7 lbs
- connection thread: M14 x 1,5 l
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The Thermacon is installed between the blasting gun and the selected nozzle.

Nozzle assembly



Rotorjet

Performance examples:

1. Inlet temperature 68°F - without engine heat exchanger

at inlet	at outlet
Operating pressure: 43500 psig	Operating pressure: 5800 psig
Water temperature: 68°F	Water temperature: 185°F

2. Inlet temperature 104°F - with engine heat exchanger

at inlet	at outlet
Operating pressure: 43500 psig	Operating pressure: 10200 psig
Water temperature: 104°F	Water temperature: 203°F
Operating pressure: 36300 psig	Operating pressure: 10200 psig
Water temperature: 104°F	Water temperature: 185°F



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