

Application considerations:

If possible email all information to mail@sensemaster.co.uk with additional pictures/sketches and description of the application process.

1/ If you are replacing an existing Watlow circulation heater please provide Sensemaster with the full part code that is on the original heater.

2/ If you do not have a Watlow heater or part number, and are looking for an alternative, or configured product for an application please supply as much information as possible.

Consider:

2a/ what is the media that is being heated? Typical specification data required:

2b/ is the application a single pass or re-circulating system?

2c/ if re-circulating what is the total volume to be heated?

2d/ if re-circulating what time frame is available to heat the total volume?

2e/ what is the flow rate?

2f/ what is the Input pressure to the heater?

2g/ what will the Input temperature be?

2h/ what is the desired output target temperature?

2i/ what power supply is available?

2j/ is there enough space in your system to house a Watlow unit, see online information for dimensions?

Volume of Fluid (gal) =

Circ Heater Watts (W) =

| Custom Properties | |
|----------------------------|-------------------|
| Density, rho = | kg/m ³ |
| Dyn. Viscosity, mu = | cSt |
| Specific Heat, cp = | kJ/(kg*°C) |
| Thermal Cond, k = | W/(m*K) |
| Heat of Vaporization, Hv = | kJ/kg |

<https://sensemaster.co.uk/circulation-heaters/>

Please liaise with Sensemaster technical mail@sensemaster.co.uk 01291 422022 for assistance in selecting your heater.

Further product information can be found on our website link [Circulation Heaters](#)