

### SHOWER PUMP BASICS

When selecting a shower pump, it is important to consider if the system is positive or negative head and what pressure is desired.

#### Negative Head System

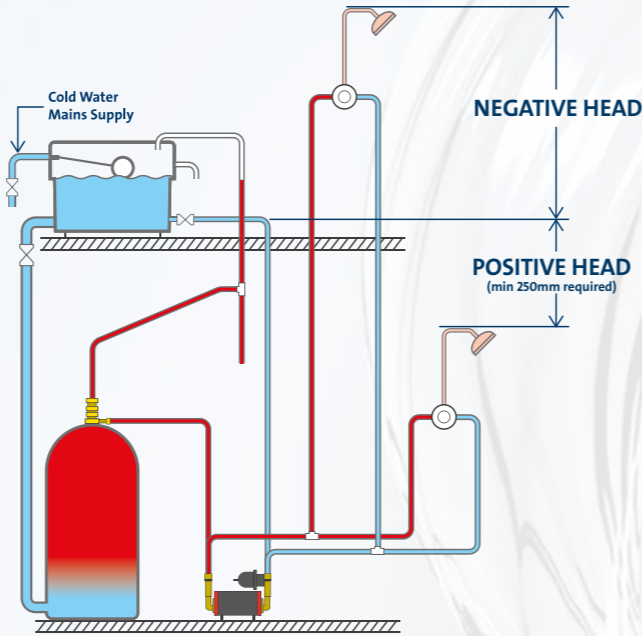
A negative head condition exists where the flow from the outlet is less than 0.5 litre/min. This is usually when there is insufficient pressure, under gravity, to provide a flow at the outlet.

#### Positive Head System

A positive head condition exists where the flow from the outlet is more than 0.5 litre/min. This is usually when there is sufficient pressure, under gravity, to provide a flow at the outlet.

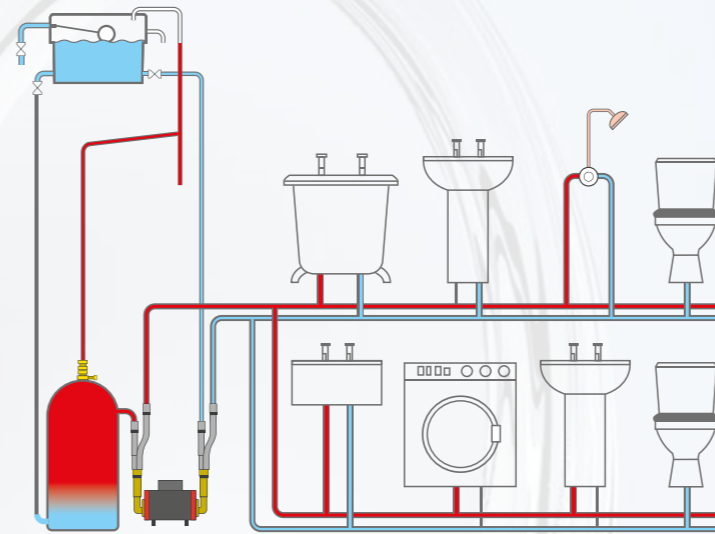
#### Pump Pressure (measured in Bar)

In pump performance, 1.0 Bar is generally considered low pressure, 1.5-2.0 Bar medium pressure and  $\geq 3.0$  Bar high pressure, eg. to run multiple showers/heads.



### SHOWER BOOSTER APPLICATION GUIDE

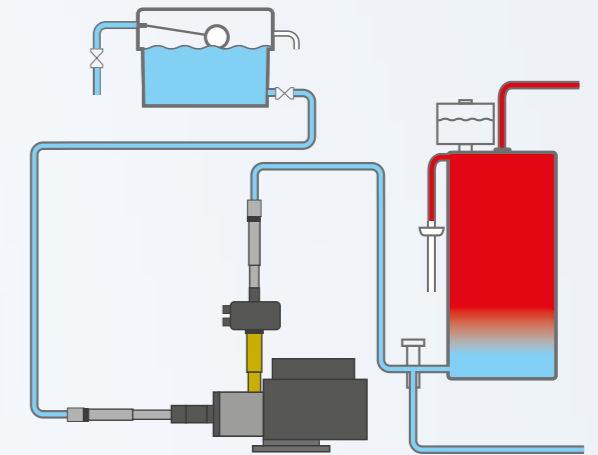
#### Boost Whole House Hot and Cold - Gravity fed, Positive Head



**Pump Options:**  
AMAZON (STP)

#### Boost Whole House – Unvented Cylinder

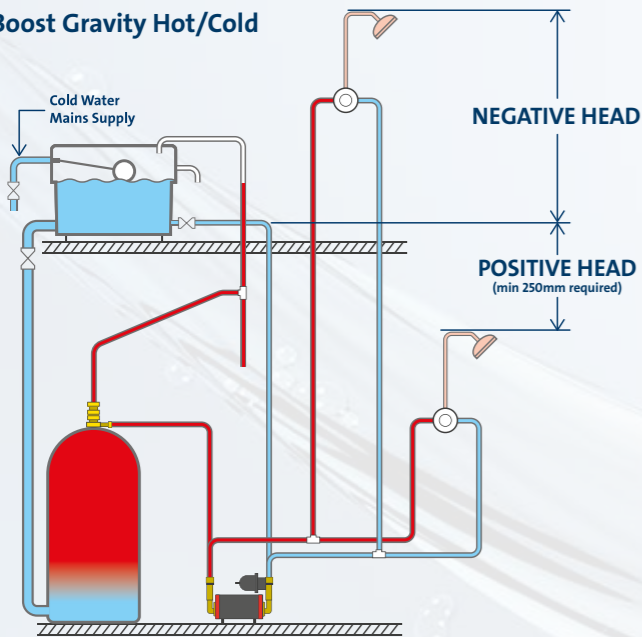
Cold water boost to unvented hot water cylinder



**Pump Options:**  
MQ, CMB, CMBE, Max-e Boost, AMAZON Extra  
With Integral Water Tank :  
HOME BOOSTER, CM BYE-PAC

### SHOWER BOOSTER APPLICATION GUIDE

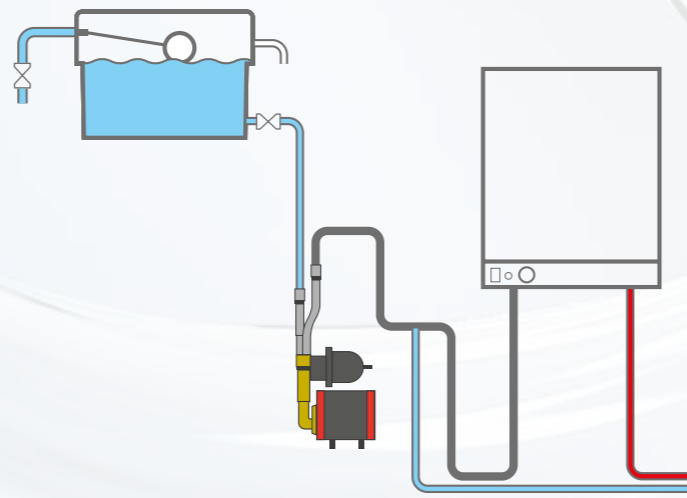
#### Boost Gravity Hot/Cold



**Positive Head Pump Options:**  
SSR2, STR2 & AMAZON

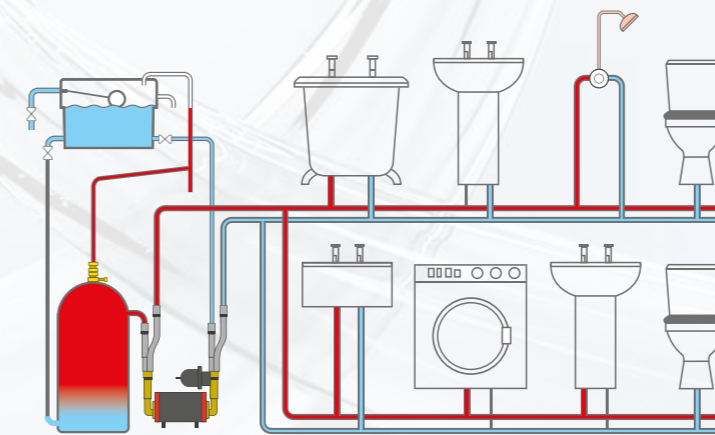
**Negative Head Pump Options:**  
SSR2, STR2, AMAZON  
Universal Pumps

#### Boost to Combination Boiler only



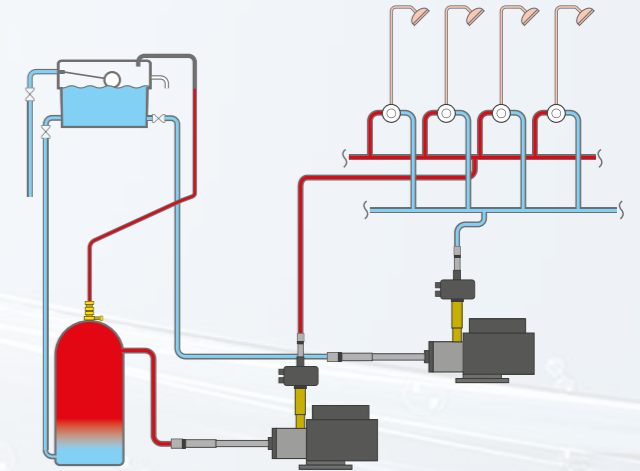
**Pump Options:**  
AMAZON Universal Single (SSN)/MQ / CMBE

#### Boost Whole House Hot and Cold - Gravity fed, Negative Head



**Pump Options:**  
AMAZON Universal Twin (STN)

#### Boost Hot/Cold Multi Outlet



**Pump Options:**  
AMAZON EXTRA, AMAZON Universal Single (SSN)

TMV/Thermostatic shower valve protection required.