To calculate volume available in l/s.
Record the differential pressure across the flow grid in Pa with a micromanometer.
Square root the pressure reading and multiply by the applicable factor.

Note :-
The Belimo VRD3 or NMV-D3-MP volume controllers have no flow through the volume measurement sensor, so the factor to use is the same as connecting directly to the flow grid.

The Belimo VRD2 or NMV-D2-MP volume controllers has a small flow through the volume measurement sensor, so the factor to is modified to correct this small pressure loss when the units are in circuit with the flow grid.

AFP Size	Factor for flow cross only. Also use for VRD3 or NMV-D3-MP in circuit	Factor for flow cross with VRD2 or NMV-D2-MP connected in circuit
AFP100	**8.2**	**8.9**
AFP125	**12.75**	**13.4**
AFP160	**21.0**	**22.3**
AFP200	**33.9**	**36.1**
AFP250	**52.0**	**58.0**

If you need help with any of the above please call our technical department on 01344 780344.