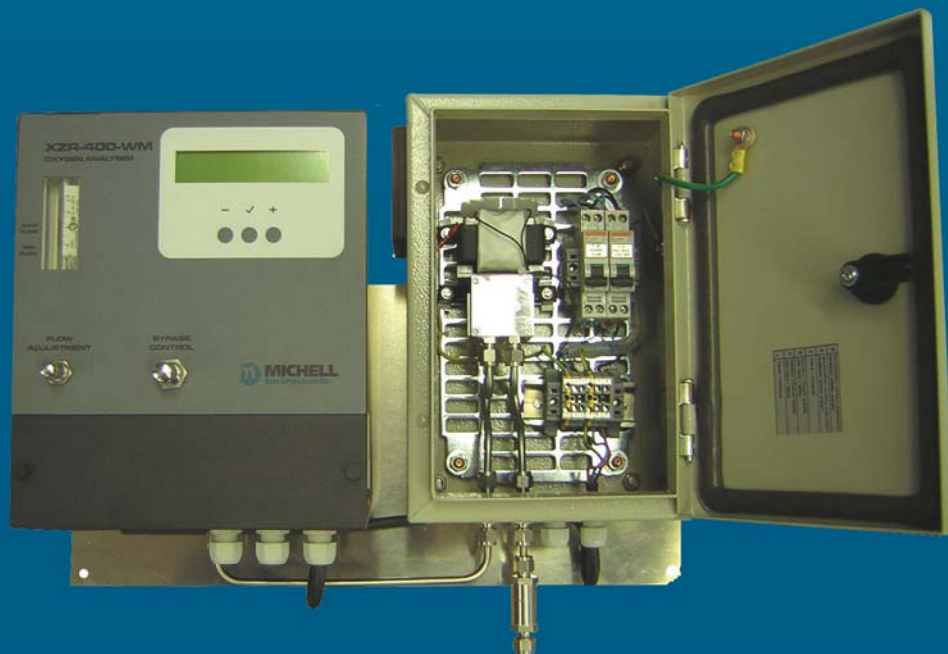




XZR400TS-WM External Pump Information Sheet



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INTRODUCTION

The pump enclosure:

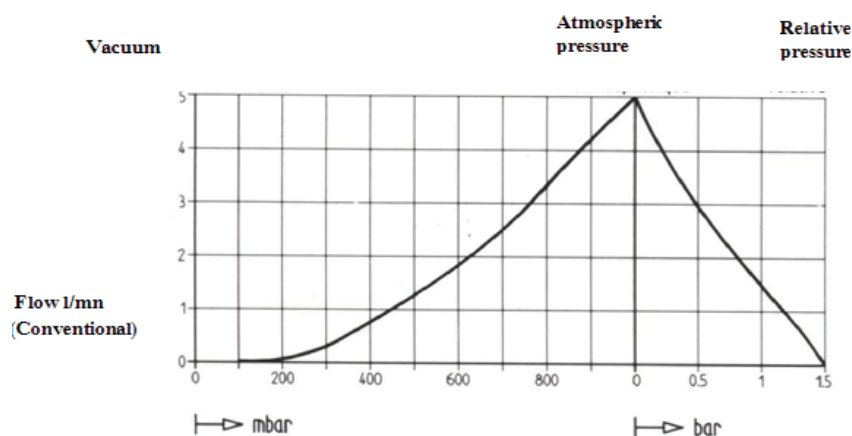
- allows gas to circulate through the analyzer when not induced by the process
- reduces analysis response time by significantly raising the flow getting to the analyzer

Roughly adjust the flow with the analyzer bypass and then precisely adjust it with the fine adjustment valve.

Features

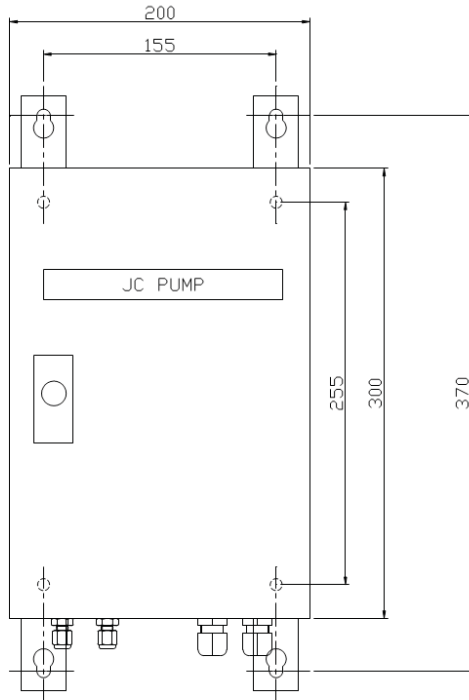
- Power supply: 230 V / 50 Hz (+10% / -15 %)
- Power: 40 W
- Ambient temperature: between +5 and +40°C
- Gas temperature at the pump inlet: between +5°C and +40°C
(If the gas to be analyzed is too hot, let it circulate in a longer circuit upstream so that it can cool down before entering the enclosure)
- Dimensions: 200 x 300 x 170mm (w x h x d)
- Weight: 5kg approximately
- Connection: 6mm Swagelok® bulkhead union

- Flow:



INSTALLATION

The enclosure can be mounted on the wall using the 4 clamps, or directly through the holes at the back of the box.



ELECTRICAL CONNECTION

Use shielded cable (3 x 1.5mm² max)

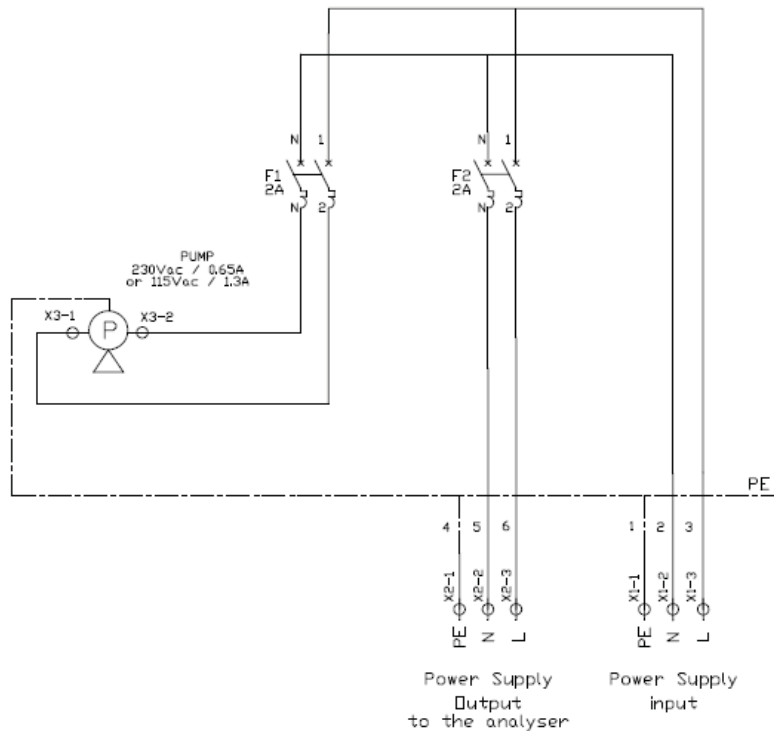
Bare 8mm at each cable end

Connect as follows:

1	Ground
2	115 or 230 V AC neutral power supply
3	115 or 230 V AC phase power supply
4	Ground
5	Analyzer power supply
6	Analyzer power supply

Connect the mains power to the pump as per the connections above

Power can also be supplied to the analyzer from the pump unit



FLUID CONNECTION

Pump inlet and outlet are located at the bottom face of the unit.

The pump enclosure is equipped with Swagelok® SS bulkhead unions for 6mm tube.

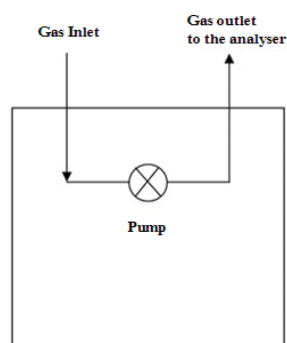
To fix a tube in a Swagelok® SS bulkhead union:

1. Insert the 6mm tube
2. Tighten up by hand and tighten again with a 14mm spanner/wrench, screwing 1¼ turns only

After the initial installation, if the connection has been broken, tighten-up the union by hand and then tighten again with the spanner screwing ⅛ turn only.

Set-up

1. Start the pump with the F1 circuit-breaker inside the enclosure (if used)
2. Start the analyzer with the F2 circuit breaker
3. Use the bypass valve and the fine flow valve to adjust the flow of the analysis gas



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