



flowDETECT™

Installation and Specifications

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www.flowdetect.com.au

flowDETECT™ - KEY FEATURES

Detection:

- Ability to automatically close valve based on set flow rate (measured in L/min) threshold being reached
- Factory default to automatically shut off when water flow > 25 Litres/min detected (+/- 10%)

Optional Mobile App:

- Ability to change flow rate for automatic closure of valve
- Ability to provide notifications via email and or mobile app notification on detected conditions
- Ability to check status of valve and manually close or open valve from Mobile App
- Ability to see history of valve (when it was open and closed) and the amount of water flowing through flowDETECT™ over period of time

Model: FD1-1

INSTRUCTIONS – flowDETECT™ Model: FD1-1



INSTALLATION

Plumbing Connections:

- Connect both ends to required components complying with all plumbing standards.

Electrical Connections

- Connect A to 240V plug pack and into mains power point. Connect two B wires together and two C wires together.

Note: Incorrect installation may damage product and will void warranty

Use Case:

Water will be allowed to flow through flowDETECT™ but will stop flowing automatically once flow rate > 25 Litres/min (i.e. valve will be closed automatically) while A, B and C connected as per installation instructions.

Reset operation by power cycling wire A or through *optional* Mobile App

Note model marked on solenoid valve:

Normally Open supplied valve (NO) – Model W36

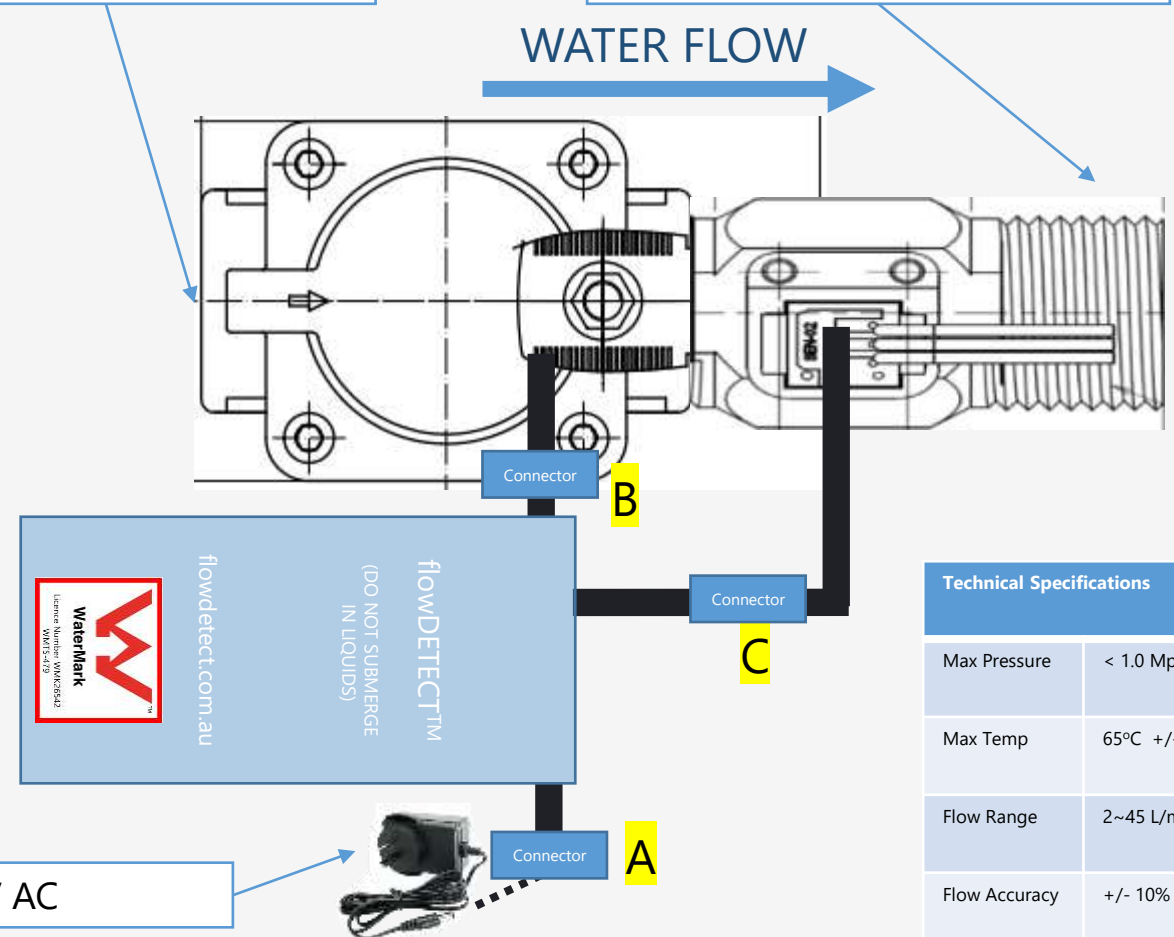
With a (NO) valve, water will **always** flow when power is not supplied to wire A.

Normally Closed supplied valve (NC) – Model W35

With a (NC) valve, water will not flow when power is not supplied to wire A.

INLET - Valve Port Thread $\frac{3}{4}$ inch BSP - DN20 - FEMALE

OUTLET - Valve Port Thread $\frac{3}{4}$ inch BSP – DN20 - MALE



Technical Specifications	
Max Pressure	< 1.0 Mpa
Max Temp	65°C +/- 2°C
Flow Range	2~45 L/min
Flow Accuracy	+/- 10%

Model: FD2-1

INSTRUCTIONS – flowDETECT™ Model: FD2-1



INSTALLATION

Plumbing Connections:

- Connect both ends to required components complying with all plumbing standards.

Electrical Connections

- Connect A to 240V plug pack and into mains power point. Connect two B wires together and two C wires together and two D wires together

Note: Incorrect installation may damage product and will void warranty

Use Case:

Water will be allowed to flow through flowDETECT™ but will stop flowing automatically once flow rate > 25 Litres/min (i.e. valve will be closed automatically) while A, B, C & D connected as per installation instructions.

Reset operation by power cycling wire A or through *optional* Mobile App

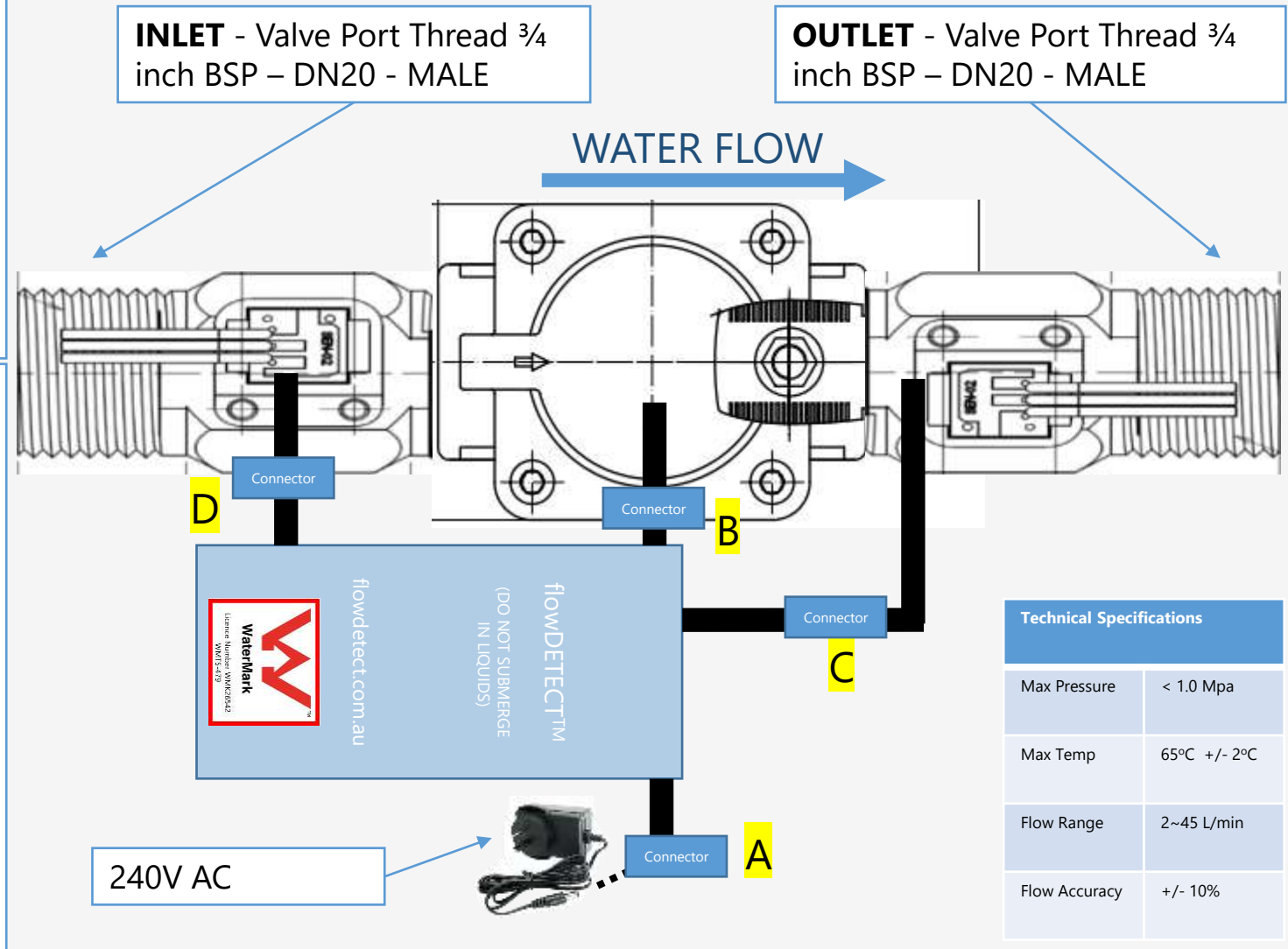
Note model marked on solenoid valve:

Normally Open supplied valve (NO) – Model W36

With a (NO) valve, water will **always** flow when power is not supplied to wire A.

Normally Closed supplied valve (NC) – Model W35

With a (NC) valve, water will not flow when power is not supplied to wire A.



Technical Specifications

Max Pressure	< 1.0 Mpa
Max Temp	65°C +/- 2°C
Flow Range	2~45 L/min
Flow Accuracy	+/- 10%

Model: FD1-2

INSTRUCTIONS – flowDETECT™ Model: FD1-2



INSTALLATION

Plumbing Connections:

- Connect both ends to required components complying with all plumbing standards.

Electrical Connections

- Connect A to 240V plug pack and into mains power point. Connect two B wires together and two C wires together

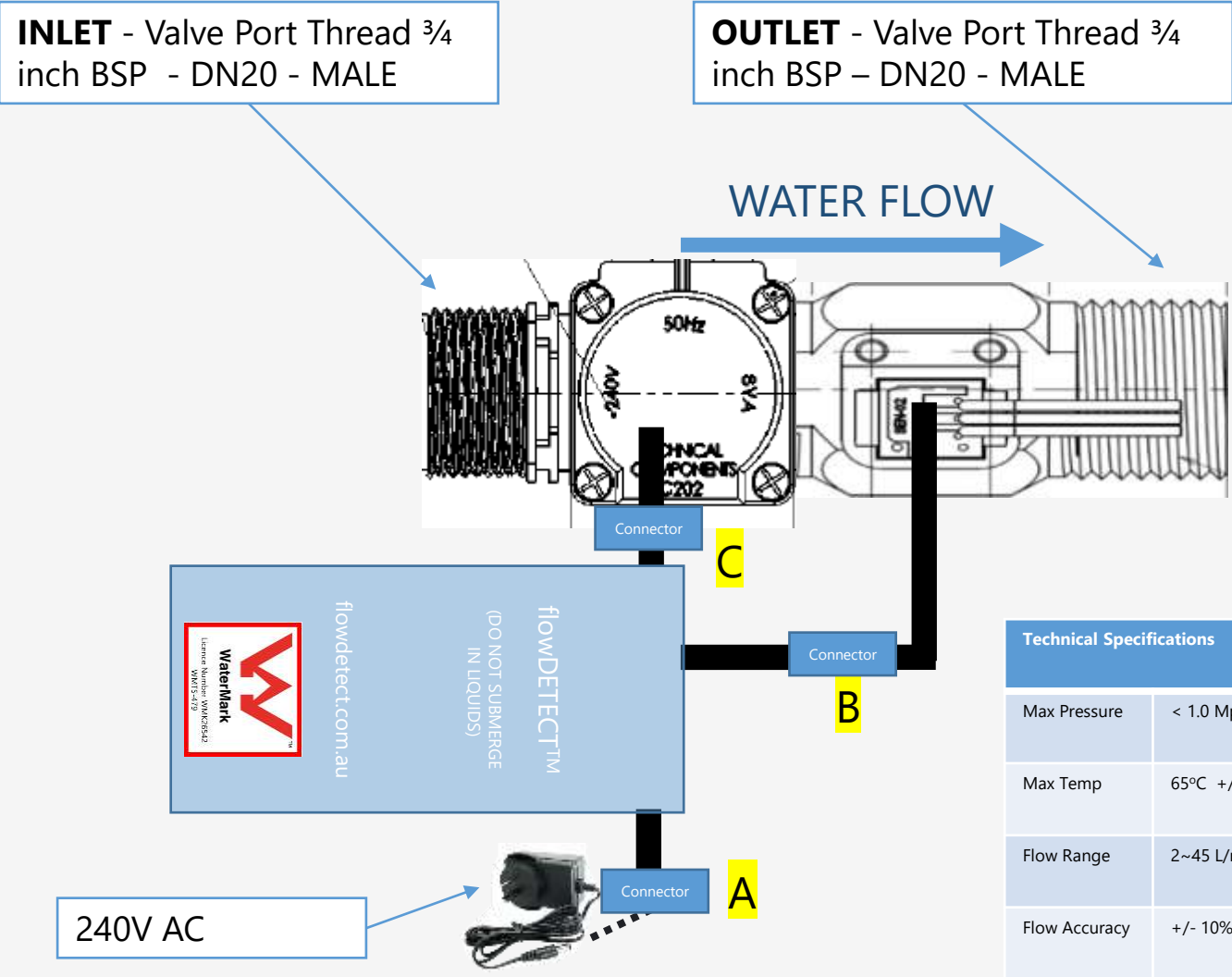
Note: Incorrect installation may damage product and will void warranty

Use Case:

Water will be allowed to flow through flowDETECT™ but will stop flowing automatically once flow rate > 25 Litres/min (i.e. valve will be closed automatically) while A, B and C connected as per installation instructions.

Reset operation by power cycling wire A or through *optional* Mobile App

Note model marked on solenoid valve:
Normally Open supplied valve (NO) – Model MV80/NO
With a Normally Open (NO) valve, water will **always** flow when power is not supplied to wire A.



Model: FD2-2

INSTRUCTIONS – flowDETECT™ Model: FD2-2



INSTALLATION

Plumbing Connections:

- Connect both ends to required components complying with all plumbing standards.

Electrical Connections

- Connect A to 240V plug pack and into mains power point. Connect two B wires together and two C wires together and two D wired together.

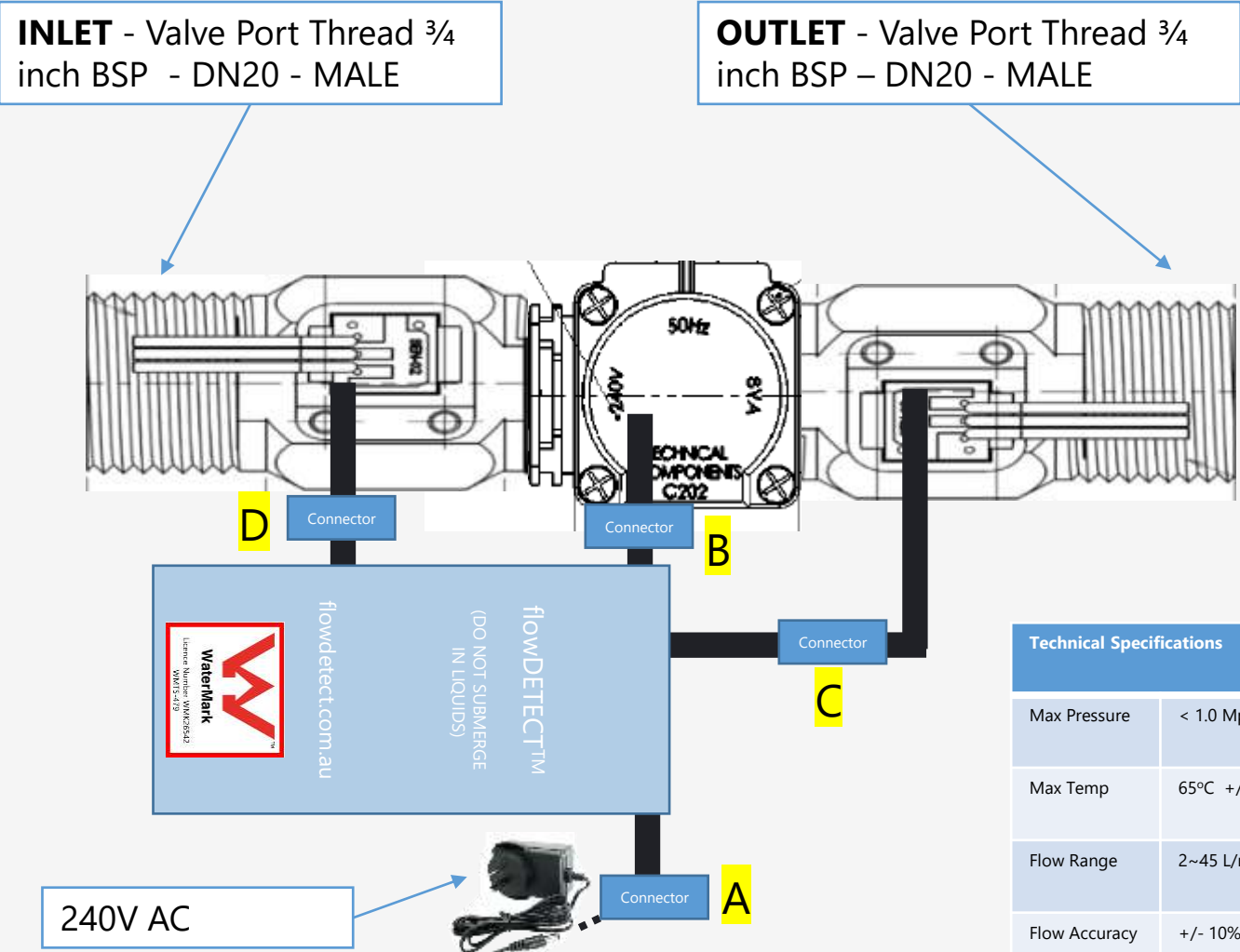
Note: Incorrect installation may damage product and will void warranty

Use Case:

Water will be allowed to flow through flowDETECT™ but will stop flowing automatically once flow rate > 25 Litres/min (i.e. valve will be closed automatically) while power is supplied to both A and B.

Reset operation by power cycling wire A or through *optional* Mobile App

Note model marked on solenoid valve:
Normally Open supplied valve (NO) – Model MV80/NO
With a Normally Open (NO) valve, water will **always** flow when power is not supplied to wire A.



Technical Specifications	
Max Pressure	< 1.0 Mpa
Max Temp	65°C +/- 2°C
Flow Range	2~45 L/min
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