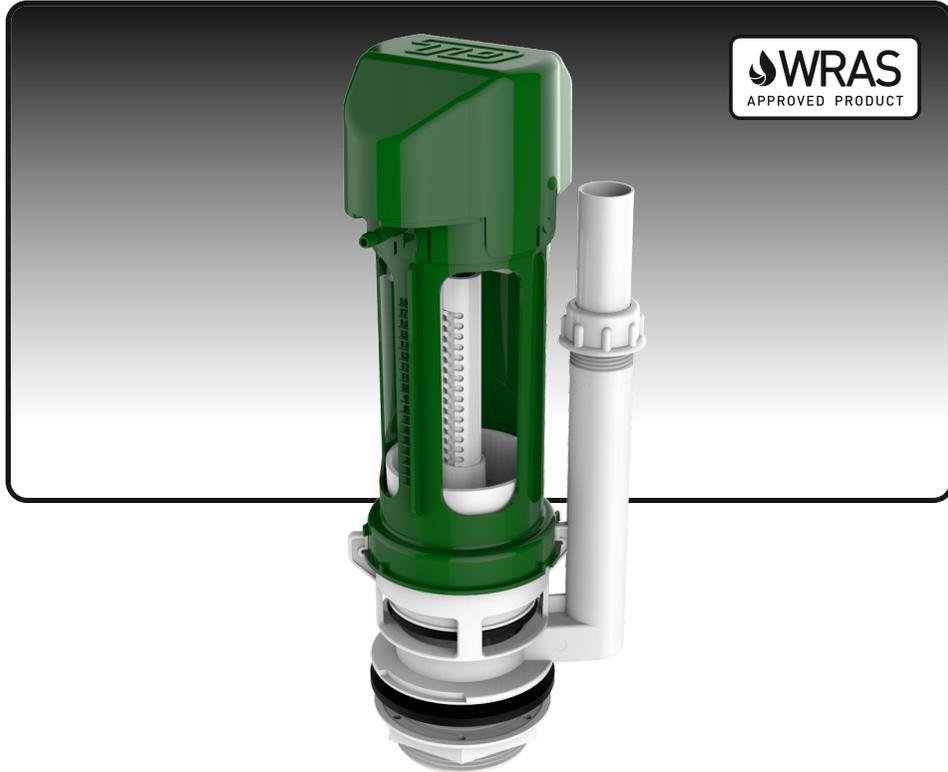


# Dudley Niagara

Dual / Single Flush Pushbutton Valve



## Installation Instructions

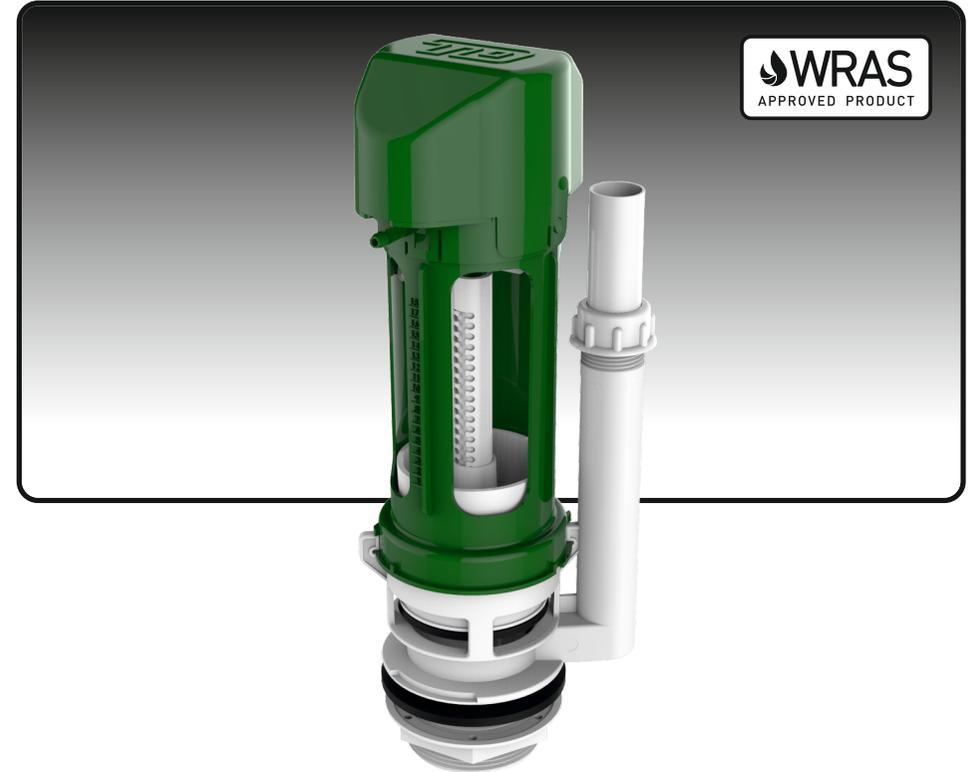
The Niagara Pneumatic can be fitted as a replacement into Dudley vantage, Miniflo & Royal Pushflo concealed cisterns.

It can also be fitted into most other concealed cisterns if used only in conjunction with a Dudley sensor, pushbutton or push plate.

To use the Niagara in dual flush mode, it must be used in conjunction with a Dudley sensor, dual flush button or push plate.

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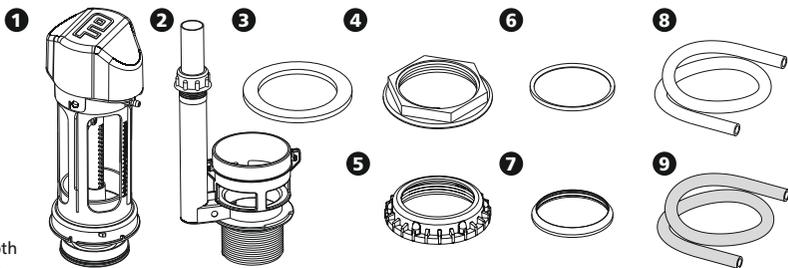
To use the Niagara in dual flush mode, it must be used in conjunction with a Dudley sensor, dual flush button or push plate.

# Instructions: Niagara Pneumatic Dual / Single Flush Valve

## 1 PACK CONTENTS

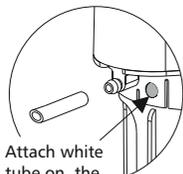
1. Niagara pneumatic dual/single flush
2. Overflow assembly
3. Sealing washer
4. Back nut
5. Cap nut
6. Slip ring
7. Cone ring
8. 1M White tube
9. 1M Green tube

**Important:** The Niagara flush valve can operate both dual flush and single flush.



## 2 FITTING THE NIAGARA PNEUMATIC VALVE

### Pneumatic tubes Dual & Single Flush:



Attach white tube on the circle side.

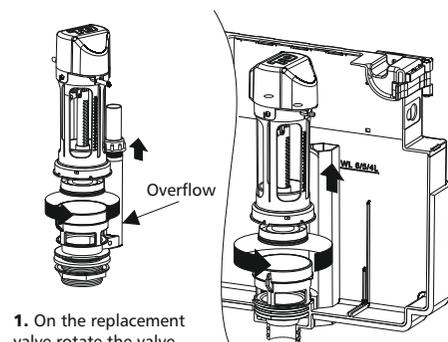
### Dual Flush Only:



Attach green tube on the square side.

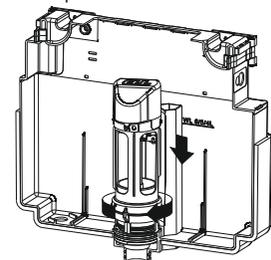
### Replacing existing Dudley Niagara Pneumatic valves

**Important:** Turn off water supply to cistern



1. On the replacement valve rotate the valve anti-clockwise to unlock and pull to remove from overflow. Discard overflow if not required.
2. Remove the old valve by rotating the valve anti-clockwise to unlock and pull to remove from overflow.

3. Reverse the process with the new valve. Locate the valve to the cistern and rotate clockwise to lock in position.

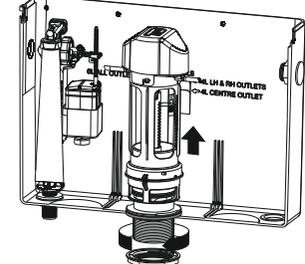


4. Re-attach the pneumatic tubes to the front plate (Dudley Vantage cisterns only), pushbutton, push plate or Electroflo control unit.
5. Turn water supply back on and test flushing works correctly.

### Replacing existing Dudley Niagara Pneumatic valves in a Royal Pushflo or other concealed cistern. Use only Dudley buttons / plates with the valve.

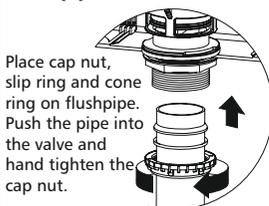
**Important:** Turn off water supply to cistern

1. Remove old valve from cistern.
2. Locate the Niagara valve assembly into the cistern outlet hole ensuring that the sealing washer is on the inside of the cistern.

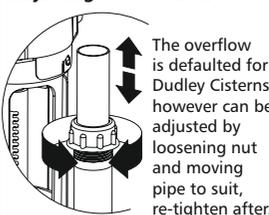


3. Screw the back nut onto the protruding threaded tail of the Niagara assembly and hand tighten.
4. Re-attach the pneumatic tubes to the Dudley pushbutton, pushplate or Electroflo control unit.
5. Turn water supply back on and test flushing works correctly.

### Replacing Flushpipe (Flushpipe not included)



### Adjusting the Overflow



The overflow is defaulted for Dudley Cisterns however can be adjusted by loosening nut and moving pipe to suit, re-tighten after.

## 3 MAINTENANCE

1. Remove flush valve from cistern as shown in section 2.



2. Wash sealing faces with clean water.
3. Re-assemble valve and ensure it is working correctly.

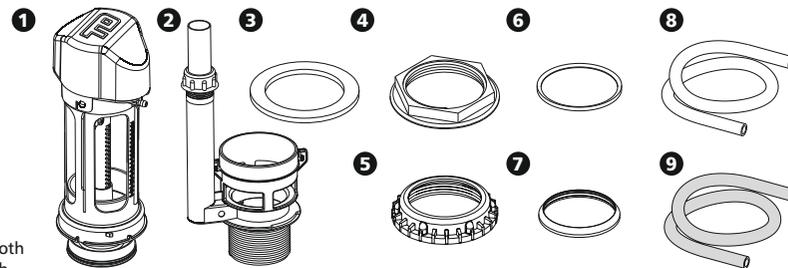
**Important:** Only use genuine Dudley spares or replacement parts.

# Instructions: Niagara Pneumatic Dual / Single Flush Valve

## 1 PACK CONTENTS

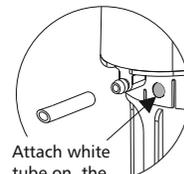
1. Niagara pneumatic dual/single flush
2. Overflow assembly
3. Sealing washer
4. Back nut
5. Cap nut
6. Slip ring
7. Cone ring
8. 1M White tube
9. 1M Green tube

**Important:** The Niagara flush valve can operate both dual flush and single flush.



## 2 FITTING THE NIAGARA PNEUMATIC VALVE

### Pneumatic tubes Dual & Single Flush:



Attach white tube on the circle side.

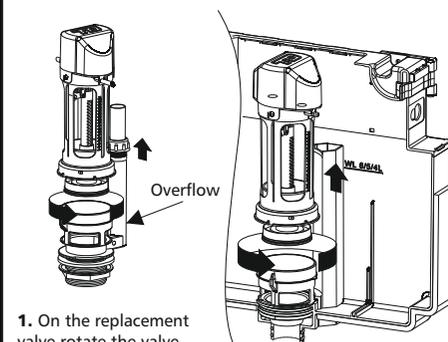
### Dual Flush Only:



Attach green tube on the square side.

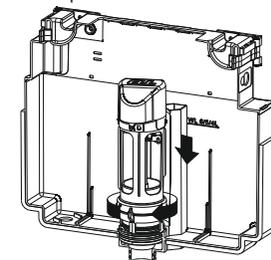
### Replacing existing Dudley Niagara Pneumatic valves

**Important:** Turn off water supply to cistern



1. On the replacement valve rotate the valve anti-clockwise to unlock and pull to remove from overflow. Discard overflow if not required.
2. Remove the old valve by rotating the valve anti-clockwise to unlock and pull to remove from overflow.

3. Reverse the process with the new valve. Locate the valve to the cistern and rotate clockwise to lock in position.

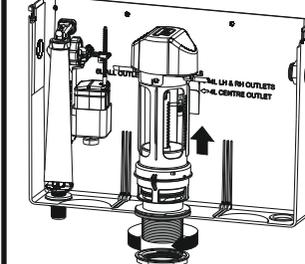


4. Re-attach the pneumatic tubes to the front plate (Dudley Vantage cisterns only), pushbutton, push plate or Electroflo control unit.
5. Turn water supply back on and test flushing works correctly.

### Replacing existing Dudley Niagara Pneumatic valves in a Royal Pushflo or other concealed cistern. Use only Dudley buttons / plates with the valve.

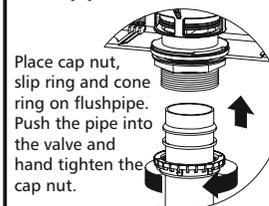
**Important:** Turn off water supply to cistern

1. Remove old valve from cistern.
2. Locate the Niagara valve assembly into the cistern outlet hole ensuring that the sealing washer is on the inside of the cistern.

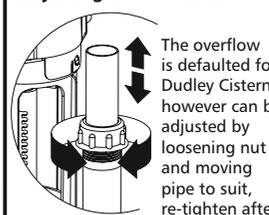


3. Screw the back nut onto the protruding threaded tail of the Niagara assembly and hand tighten.
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