

## WIRE/ HOOKS/ STRAINERS

### 2.5mm GALVANISED WIRE



| Catalogue No | Size        | Price £ | Box Qty |
|--------------|-------------|---------|---------|
| 81-35-05     | 130M/5 Kg   | 41.30   | N/A     |
| 81-35-25     | 650M/ 25 Kg | 171.00  | N/A     |

### WIRE STRAINER



| Catalogue No | Size  | Price £ | Box Qty |
|--------------|-------|---------|---------|
| 81-33-02     | No. 2 | 1.97    | 100     |
| 81-33-03     | No. 3 | 2.45    | 50      |

### SUPPORT HOOKS METAL



| Catalogue No | Size cm | Price Per 100 £ | Box Qty |
|--------------|---------|-----------------|---------|
| 81-30-16     | 16      | 41.00           | N/A     |
| 81-30-20     | 20      | 41.00           | N/A     |
| 81-30-24     | 24      | 44.00           | N/A     |
| 81-30-28     | 28      | 47.00           | N/A     |
| 81-30-36     | 36      | 52.00           | N/A     |
| 81-30-40     | 40      | 52.00           | N/A     |
| 81-30-60     | 60      | 68.00           | N/A     |
| 81-30-80     | 80      | 94.00           | N/A     |
| 81-30100     | 100     | 105.00          | N/A     |

### SUPPORT HOOKS PLASTIC



| Catalogue No | Size cm | Price £ | Box Qty |
|--------------|---------|---------|---------|
| 81-12-20     | 20      | 0.07    | 4000    |
| 81-12-32     | 32      | 0.17    | 1000    |

### SUPPORT CHAIN



| Catalogue No | Size | Price £ | Box Qty |
|--------------|------|---------|---------|
| 81-34-10     | 100M | 124.90  | N/A     |

### P.T.F.E. TAPE



Can be used on all materials steel, copper, plastic, etc.

| Catalogue No | Size              | Price £ | Box Qty |
|--------------|-------------------|---------|---------|
| 05-01-00     | 1/2" x 12M x 0.75 | 173.40  | 250     |
| 05-00-00S    | Single Roll       | 0.75    | N/A     |

### HOLE CUTTER



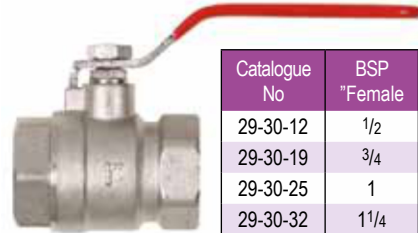
| Catalogue No | Size    | Price £ | Box Qty |
|--------------|---------|---------|---------|
| 81-37-10     | 3/8" WW | 330.00  | N/A     |
| 81-37-20     | M11     | 330.00  | N/A     |

## METAL VALVES

### FULL BORE BALL VALVE



| Catalogue No | BSP "Female | Press in Bar | Price £ | Box Qty |
|--------------|-------------|--------------|---------|---------|
| 29-10-12     | 1/2         | 30           | 13.80   | 20      |
| 29-10-19     | 3/4         | 30           | 21.50   | 10      |
| 29-10-25     | 1           | 30           | 28.60   | 10      |
| 29-10-32     | 1 1/4       | 25           | 49.60   | 6       |
| 29-10-40     | 1 1/2       | 25           | 70.50   | 4       |
| 29-10-50     | 2           | 20           | 115.90  | 2       |
| 29-30-75     | 3           | 16           | 418.90  | 4       |
| 29-30-99     | 4           | 16           | 527.80  | 2       |



| Catalogue No | BSP "Female | Press in Bar | Price £ | Box Qty |
|--------------|-------------|--------------|---------|---------|
| 29-30-12     | 1/2         | 25           | 7.30    | 50      |
| 29-30-19     | 3/4         | 25           | 10.80   | 25      |
| 29-30-25     | 1           | 25           | 17.50   | 20      |
| 29-30-32     | 1 1/4       | 20           | 26.30   | 10      |
| 29-30-40     | 1 1/2       | 20           | 34.20   | 12      |
| 29-30-50     | 2           | 18           | 60.50   | 4       |

### BUTTERFLY VALVE



| Catalogue No | BSP "Female | Press in Bar | Price £ | Box Qty |
|--------------|-------------|--------------|---------|---------|
| 29-20-12     | 1/2         | 16           | 22.90   | 20      |
| 29-20-19     | 3/4         | 16           | 28.10   | 10      |
| 29-20-25     | 1           | 16           | 36.40   | 10      |
| 29-20-40     | 1 1/2       | 16           | 73.90   | 4       |
| 29-20-50     | 2           | 16           | 98.80   | 2       |

### HOSE POUR TAP



| Catalogue No | BSP "Male | Price £ |
|--------------|-----------|---------|
| 29-60-12     | 1/2       | 16.50   |
| 29-60-19     | 3/4       | 23.20   |
| 29-60-25     | 1         | 39.00   |

Max Pressure 1/2", 3/4", 15 Bar  
Max Pressure 1", 12 Bar

# METAL VALVES

## GATE VALVE



| Catalogue No | BSP "Female | Press in Bar | Price £ |
|--------------|-------------|--------------|---------|
| 28-00-12     | 1/2         | 16           | 10.10   |
| 28-00-19     | 3/4         | 16           | 14.80   |
| 28-00-25     | 1           | 16           | 20.40   |
| 28-00-32     | 1 1/4       | 16           | 28.80   |
| 28-00-40     | 1 1/2       | 16           | 34.70   |
| 28-00-50     | 2           | 16           | 53.90   |
| 28-00-75     | 3           | 16           | 97.30   |
| 28-00-99     | 4           | 16           | 167.50  |

## BRASS HOSE UNION BIB TAP



| Catalogue No | BSP "Male | Press in Bar | Price £ |
|--------------|-----------|--------------|---------|
| 29-69-90     | 1/2       | 15           | 13.60   |
| 29-69-91     | 3/4       | 15           | 32.00   |

## DOUBLE CHECK VALVES



| Catalogue No | BSP "Female | Price £ |
|--------------|-------------|---------|
| 27-70-12     | 1/2         | 30.60   |
| 27-70-19     | 3/4         | 57.90   |
| 27-70-25     | 1           | 82.20   |

W.R.C. LISTED DOUBLE CHECK VALVES are designed to prevent the contamination of water supplies by back siphonage and back flow.

## HOSE UNION BIB TAP WITH DOUBLE CHECK VALVES



| Catalogue No | BSP "Male | Price £ |
|--------------|-----------|---------|
| 27-60-12     | 1/2       | 44.20   |
| 27-60-19     | 3/4       | 79.20   |

Designed to conform with the Water Bye Laws on back siphonage and back flow prevention Bye Law 18.

## PRESSURE RELIEF VALVE



| Catalogue No | BSP "Female | Price £ |
|--------------|-------------|---------|
| 27-50-12     | 1/2         | 36.10   |
| 27-50-19     | 3/4         | 51.20   |
| 27-50-25     | 1           | 68.90   |
| 27-50-32     | 1 1/4       | 99.10   |
| 27-50-40     | 1 1/2       | 131.50  |
| 27-50-50     | 2           | 175.30  |

**SPECIFICATIONS**  
Adjustable from 2-9 Bar  
**MATERIALS**  
Up to 1 1/4" Brass  
1 1/2" & above Bronze

## SWING CHECK VALVE



**SPECIFICATIONS**  
Max. Working Temp. 110°C  
**MATERIALS**  
Seat 3/8" to 2" Nitrile Rubber  
3" to 4" Metal

| Catalogue No | BSP "Female | Press in Bar | Price £ |
|--------------|-------------|--------------|---------|
| 27-90-12     | 1/2         | 12           | 10.10   |
| 27-90-19     | 3/4         | 12           | 13.80   |
| 27-90-25     | 1           | 12           | 20.00   |
| 27-90-32     | 1 1/4       | 10           | 28.50   |
| 27-90-40     | 1 1/2       | 10           | 40.90   |
| 27-90-50     | 2           | 10           | 57.70   |
| 27-90-64     | 2 1/2       | 8            | 82.10   |
| 27-90-75     | 3           | 8            | 122.70  |
| 27-90-99     | 4           | 8            | 200.60  |

## CHECK VALVE



**SPECIFICATIONS**  
Max. Working Temp. 110°C  
Cracking Pressure 0.02 Bar

| Catalogue No | BSP "Female | Press in Bar | Price £ |
|--------------|-------------|--------------|---------|
| 27-00-12     | 1/2         | 40           | 11.40   |
| 27-00-19     | 3/4         | 40           | 15.30   |
| 27-00-25     | 1           | 30           | 21.10   |
| 27-00-32     | 1 1/4       | 30           | 33.20   |
| 27-00-40     | 1 1/2       | 25           | 48.60   |
| 27-00-50     | 2           | 25           | 70.30   |
| 27-00-75     | 3           | 16           | 217.10  |
| 27-00-99     | 4           | 16           | 368.70  |

## FOOT VALVE



**SPECIFICATIONS**  
Max. Working Temp. 110°C

| Catalogue No | BSP "Female | Press in Bar | Price £ |
|--------------|-------------|--------------|---------|
| 27-10-12     | 1/2         | 40           | 14.50   |
| 27-10-19     | 3/4         | 40           | 19.30   |
| 27-10-25     | 1           | 30           | 25.20   |
| 27-10-32     | 1 1/4       | 30           | 38.60   |
| 27-10-40     | 1 1/2       | 25           | 55.30   |
| 27-10-50     | 2           | 25           | 78.80   |
| 27-10-75     | 3           | 16           | 238.60  |
| 27-10-99     | 4           | 16           | 389.10  |

## STRAINER



**MATERIALS**  
Thread Nylon  
Strainer Stainless Steel

| Catalogue No | BSP "Male | Price £ |
|--------------|-----------|---------|
| 27-20-09     | 3/8       | 2.80    |
| 27-20-12     | 1/2       | 3.10    |
| 27-20-19     | 3/4       | 4.00    |
| 27-20-25     | 1         | 4.20    |
| 27-20-32     | 1 1/4     | 5.40    |
| 27-20-40     | 1 1/2     | 6.70    |
| 27-20-50     | 2         | 8.60    |
| 27-20-75     | 3         | 21.50   |
| 27-20-99     | 4         | 20.40   |

## BRASS INLINE FILTER



**LOWER PRICES**

| Catalogue No | BSP "Female | Press in Bar | Price £ |
|--------------|-------------|--------------|---------|
| 27-30-12     | 1/2         | 20           | 7.10    |
| 27-30-25     | 1           | 20           | 16.10   |
| 27-30-32     | 1 1/4       | 20           | 25.90   |
| 27-30-40     | 1 1/2       | 20           | 33.70   |

## METAL FOOT VALVE



| Catalogue No | BSP "Female | Press in Bar | Price £ |
|--------------|-------------|--------------|---------|
| 27-40-12     | 1/2         | 10           | 6.00    |
| 27-40-19     | 3/4         | 10           | 6.70    |
| 27-40-25     | 1           | 10           | 7.70    |
| 27-40-32     | 1 1/4       | 8            | 11.30   |
| 27-40-40     | 1 1/2       | 8            | 15.00   |
| 27-40-50     | 2           | 8            | 21.60   |

## METAL VALVES

### FLANGED GATE VALVE

These flanged gate valves are manufactured from WRAS approved materials and are coated with blue epoxy finish, available with capped top or hand wheel, suitable for potable water, raw water and effluent water

| Catalogue No | Size DN (Inch) | Price £ |
|--------------|----------------|---------|
| 27-92-50     | 50mm (2")      | 129.30  |
| 27-92-75     | 80mm (3")      | 179.50  |
| 27-92100     | 100mm (4")     | 228.70  |
| 27-92150     | 150mm (6")     | 346.80  |



### FLANGED BUTTERFLY VALVE

ISO 5211 for Direct Mount, Epoxy Coated Ductile Iron Body, 316 Stainless Steel Disc, EPDM Liner, Blue Locking Lever Operation, Temperature -10°C to 120°C

| Catalogue No | Size DN (Inch) | Price £ |
|--------------|----------------|---------|
| 27-95-50     | 50mm (2")      | 92.80   |
| 27-95-75     | 80mm (3")      | 117.00  |
| 27-95100     | 100mm (4")     | 153.60  |
| 27-95150     | 150mm (6")     | 275.00  |



## PLASTIC VALVES

### PLASTIC LINE VALVE



| Catalogue No | Diam. mm | Diam. mm | Price £ | Box Qty |
|--------------|----------|----------|---------|---------|
| 18-00-12     | 12       | 12       | 1.05    | 500     |
| 18-00-16     | 16       | 16       | 1.06    | 400     |
| 18-00-20     | 20       | 20       | 1.09    | 350     |
| 18-00-25     | 25       | 25       | 1.22    | 300     |



| Catalogue No | BSP "Male | BSP "Male | Price £ | Box Qty |
|--------------|-----------|-----------|---------|---------|
| 18-20-12     | 1/2       | 1/2       | 1.09    | 300     |
| 18-20-20     | 3/4       | 3/4       | 1.10    | 250     |



| Catalogue No | Diam. mm | BSP "Male | Price £ | Box Qty |
|--------------|----------|-----------|---------|---------|
| 18-10-12     | 12       | 1/2       | 1.09    | 400     |
| 18-10-16     | 16       | 1/2       | 1.09    | 300     |
| 18-11-16     | 16       | 3/4       | 1.10    | 300     |
| 18-11-20     | 20       | 3/4       | 1.10    | 300     |
| 18-11-25     | 25       | 3/4       | 1.22    | 250     |

Max Pressure 2 Bar

### ACETALIN LINE VALVE



| Catalogue No | Diam. mm | Diam. mm | Price £ | Box Qty |
|--------------|----------|----------|---------|---------|
| 18A00-16     | 16       | 16       | 1.14    | 500     |
| 18A00-20     | 20       | 20       | 1.18    | 500     |



| Catalogue No | BSP "Male | BSP "Male | Price £ | Box Qty |
|--------------|-----------|-----------|---------|---------|
| 18A20-12     | 1/2       | 1/2       | 1.14    | 400     |
| 18A20-20     | 3/4       | 3/4       | 1.18    | 350     |



| Catalogue No | Diam. mm | BSP "Male | Price £ | Box Qty |
|--------------|----------|-----------|---------|---------|
| 18A10-16     | 16       | 1/2       | 1.14    | 450     |
| 18A11-16     | 16       | 3/4       | 1.19    | 400     |
| 18A10-20     | 20       | 1/2       | 1.19    | 450     |
| 18A11-20     | 20       | 3/4       | 1.19    | 350     |

Max Pressure 6 Bar

### 3/4" ECONOMY BALL VALVE



| Catalogue No | Inlet BSP | Outlet BSP | Price £ | Box Qty |
|--------------|-----------|------------|---------|---------|
| 17-96-00     | 3/4"F     | 3/4"M      | 0.95    | 500     |

4 Bar Rated  
17-96-00 Black Handle

### 3/4" BALL VALVE



| Catalogue No | Inlet BSP | Outlet BSP | Price £ | Box Qty |
|--------------|-----------|------------|---------|---------|
| 37-09-01     | 3/4"F     | 3/4"M      | 5.78    | 100     |

10 Bar Rated

### P.V.C. BARBED NON RETURN VALVE



| Catalogue No | Pipe Size O.D. | Nominal I.D. | Price £ | Box Qty |
|--------------|----------------|--------------|---------|---------|
| 37-50-16     | 16mm           | 1/2          | 2.96    | 200     |
| 37-50-20     | 20mm           | 5/8          | 2.96    | 200     |
| 37-50-25     | 25mm           | 3/4          | 2.96    | 200     |

**BALL VALVE**



| Catalogue No | Diam mm | Price £ | Box Qty |
|--------------|---------|---------|---------|
| 71U20-11     | 20      | 10.40   | 30      |
| 71U20-22     | 25      | 10.92   | 20      |
| 71U20-33     | 32      | 12.71   | 45      |
| 71U20-44     | 40      | 21.84   | 25      |
| 71U20-55     | 50      | 27.41   | 15      |
| 71U20-66     | 63      | 41.48   | 10      |

**16 BAR STOP TAP**



| Catalogue No | Diam mm | Price £ | Box Qty |
|--------------|---------|---------|---------|
| 71V25-20     | 20      | 16.70   | 20      |
| 71V25-25     | 25      | 17.96   | 20      |
| 71V25-32     | 32      | 19.74   | 45      |



| Catalogue No | BSP "Female | Price £ | Box Qty |
|--------------|-------------|---------|---------|
| 71V50-19     | 3/4         | 17.96   | 35      |
| 71V50-25     | 1           | 20.37   | 20      |

**CHECK VALVE**



| Catalogue No | Diam mm | Price £ | Box Qty |
|--------------|---------|---------|---------|
| 71P20-11     | 20      | 11.50   | 80      |
| 71P20-22     | 25      | 14.15   | 60      |



| Catalogue No | Diam BSP"F | Price £ | Box Qty |
|--------------|------------|---------|---------|
| 71S20-12     | 1/2        | 8.97    | 60      |
| 71S20-19     | 3/4        | 11.27   | 45      |
| 71S20-25     | 1          | 12.08   | 80      |
| 71S20-32     | 1 1/4      | 14.38   | 60      |
| 71S20-40     | 1 1/2      | 17.48   | 40      |
| 71S20-50     | 2          | 21.62   | 30      |

**MDPE 16 BAR STOP-TAP**



| Catalogue No | Diam mm | Price £ | Box Qty |
|--------------|---------|---------|---------|
| 71N10-11     | 20      | 22.10   | 12      |
| 71N10-22     | 25      | 24.25   | 12      |
| 71N10-33     | 32      | 25.90   | 12      |

**FLUSHING VALVE**



| Catalogue No | Diam. OD in mm | Price £ |
|--------------|----------------|---------|
| 37-40-12     | 12             | 4.45    |
| 37-40-16     | 16             | 4.45    |

\* Whilst Stocks Last

**QUICK COUPLING VALVE**



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 30-39-00     | 3/4" Valve  | 5.90    |
| 30-39-02     | 1" Valve    | 5.90    |
| 30-39-05     | Coupler     | 2.78    |
| 30-39-10     | 3/4" Unit   | 8.68    |
| 30-39-12     | 1" Unit     | 8.68    |

**SINGLE UNION PLAIN**



| Catalogue No | Diam mm | Press in Bar | Price £ |
|--------------|---------|--------------|---------|
| 25E02-20     | 20      | 10           | 6.35    |
| 25E02-25     | 25      | 10           | 7.10    |
| 25E02-32     | 32      | 10           | 8.55    |
| 25E02-40     | 40      | 10           | 10.20   |
| 25E02-50     | 50      | 10           | 13.60   |
| 25E02-63     | 63      | 10           | 22.30   |

**SINGLE UNION THREADED**



| Catalogue No | BSP "Female | Press in Bar | Price £ |
|--------------|-------------|--------------|---------|
| 25E05-12     | 1/2         | 10           | 7.05    |
| 25E05-19     | 3/4         | 10           | 7.40    |
| 25E05-25     | 1           | 10           | 10.15   |
| 25E05-32     | 1 1/4       | 10           | 12.80   |
| 25E05-40     | 1 1/2       | 10           | 16.60   |
| 25E05-50     | 2           | 10           | 24.80   |

**DOUBLE UNION PLAIN**



| Catalogue No | Diam mm | Press in Bar | Price £ |
|--------------|---------|--------------|---------|
| 25E52-20     | 20      | 10           | 8.75    |
| 25E52-25     | 25      | 10           | 10.40   |
| 25E52-32     | 32      | 10           | 13.20   |
| 25E52-40     | 40      | 10           | 16.80   |
| 25E52-50     | 50      | 10           | 18.90   |
| 25E52-63     | 63      | 10           | 27.90   |

**DOUBLE UNION THREADED**



| Catalogue No | BSP "Female | Press in Bar | Price £ |
|--------------|-------------|--------------|---------|
| 25E55-19     | 3/4         | 10           | 11.00   |
| 25E55-25     | 1           | 10           | 14.20   |
| 25E55-32     | 1 1/4       | 10           | 17.65   |
| 25E55-40     | 1 1/2       | 10           | 21.00   |
| 25E55-50     | 2           | 10           | 31.20   |

**P.V.C. SLIDE VALVE**



Pressure is the maximum at which operation of the the slide valve is possible.

| Catalogue No | Diam Inch | Press in Bar | Price £ |
|--------------|-----------|--------------|---------|
| 25-65-50     | 1 1/2     | 3            | 29.60   |
| 25-65-63     | 2         | 2            | 45.90   |
| 25-65-90     | 3         | 1            | 101.10  |

\* Whilst Stocks Last

| Catalogue No | Diam mm | Press in Bar | Price £ |
|--------------|---------|--------------|---------|
| 25-60-90     | 90      | 1            | 101.33  |
| 25-60110     | 110     | 1            | 125.25  |

\* Whilst Stocks Last

## PVC BALL VALVES

| Specifications   | uPVC        |
|------------------|-------------|
| Body             | Grey uPVC   |
| Handle           | Orange uPVC |
| 'O' Ring         | EPDM        |
| Ball Seat        | PTFE        |
| Max. Temperature | 50°C        |

All Valves are recommended for water use only.

All catalogue numbers and descriptions in bold type are 16 Bar rated  
All others are 10 Bar unless otherwise stated

### SINGLE UNION METRIC



| Catalogue No    | Diam mm Plain | Price £      | Box Qty   |
|-----------------|---------------|--------------|-----------|
| <b>25-02-20</b> | <b>20</b>     | <b>9.38</b>  | <b>50</b> |
| <b>25-02-25</b> | <b>25</b>     | <b>10.69</b> | <b>50</b> |
| <b>25-02-32</b> | <b>32</b>     | <b>12.89</b> | <b>50</b> |
| <b>25-02-40</b> | <b>40</b>     | <b>17.20</b> | <b>25</b> |
| <b>25-02-50</b> | <b>50</b>     | <b>21.72</b> | <b>20</b> |
| <b>25-02-63</b> | <b>63</b>     | <b>34.84</b> | <b>10</b> |

### SINGLE UNION THREADED



| Catalogue No    | Diam BSP" F  | Price £      | Box Qty   |
|-----------------|--------------|--------------|-----------|
| <b>25-05-12</b> | <b>1/2</b>   | <b>12.01</b> | <b>50</b> |
| <b>25-05-19</b> | <b>3/4</b>   | <b>13.67</b> | <b>50</b> |
| <b>25-05-25</b> | <b>1</b>     | <b>16.65</b> | <b>50</b> |
| <b>25-05-32</b> | <b>1 1/4</b> | <b>22.17</b> | <b>25</b> |
| <b>25-05-40</b> | <b>1 1/2</b> | <b>26.90</b> | <b>20</b> |
| <b>25-05-50</b> | <b>2</b>     | <b>43.55</b> | <b>10</b> |

### DOUBLE UNION METRIC



| Catalogue No    | Diam mm Plain | Price £      | Box Qty   |
|-----------------|---------------|--------------|-----------|
| <b>25-52-20</b> | <b>20</b>     | <b>11.91</b> | <b>50</b> |
| <b>25-52-25</b> | <b>25</b>     | <b>14.22</b> | <b>50</b> |
| <b>25-52-32</b> | <b>32</b>     | <b>18.20</b> | <b>50</b> |
| <b>25-52-40</b> | <b>40</b>     | <b>22.83</b> | <b>25</b> |
| <b>25-52-50</b> | <b>50</b>     | <b>26.90</b> | <b>15</b> |
| <b>25-52-63</b> | <b>63</b>     | <b>40.79</b> | <b>10</b> |
| 25-52-75        | 75            | 101.33       | 5         |
| 25-52-90        | 90            | 135.27       | 3         |
| 25-52110        | 110           | 198.67       | 1         |

### DOUBLE UNION THREADED



| Catalogue No    | Diam BSP" F  | Price £      | Box Qty   |
|-----------------|--------------|--------------|-----------|
| <b>25-55-12</b> | <b>1/2</b>   | <b>15.44</b> | <b>50</b> |
| <b>25-55-19</b> | <b>3/4</b>   | <b>18.52</b> | <b>50</b> |
| <b>25-55-25</b> | <b>1</b>     | <b>23.04</b> | <b>50</b> |
| <b>25-55-32</b> | <b>1 1/4</b> | <b>29.33</b> | <b>25</b> |
| <b>25-55-40</b> | <b>1 1/2</b> | <b>34.95</b> | <b>15</b> |
| <b>25-55-50</b> | <b>2</b>     | <b>51.60</b> | <b>10</b> |
| 25-55-75        | 3            | 155.23       | 3         |

### DOUBLE UNION IMPERIAL PLAIN



| Catalogue No    | Diam Inch    | Price £      | Box Qty   |
|-----------------|--------------|--------------|-----------|
| <b>25-50-20</b> | <b>1/2</b>   | <b>12.13</b> | <b>50</b> |
| <b>25-50-25</b> | <b>3/4</b>   | <b>14.33</b> | <b>50</b> |
| <b>25-50-32</b> | <b>1</b>     | <b>17.97</b> | <b>50</b> |
| <b>25-50-40</b> | <b>1 1/4</b> | <b>23.04</b> | <b>25</b> |
| <b>25-50-50</b> | <b>1 1/2</b> | <b>27.56</b> | <b>15</b> |
| <b>25-50-63</b> | <b>2</b>     | <b>40.79</b> | <b>10</b> |
| 25-50-90        | 3            | 136.93       | 3         |
| 25-50110        | 4            | 198.67       | 1         |

### CHECK VALVE



| Catalogue No    | Diam mm Plain | Price £      | Box Qty   |
|-----------------|---------------|--------------|-----------|
| <b>26-12-32</b> | <b>32</b>     | <b>16.65</b> | <b>50</b> |
| <b>26-12-40</b> | <b>40</b>     | <b>20.62</b> | <b>30</b> |
| <b>26-12-50</b> | <b>50</b>     | <b>29.11</b> | <b>10</b> |
| <b>26-12-63</b> | <b>63</b>     | <b>38.37</b> | <b>10</b> |
| <b>26-12-75</b> | <b>75</b>     | <b>88.86</b> | <b>1</b>  |
| 26-12110        | 110           | 178.61       | 1         |

## REPLACEMENT SEAL KIT FOR BALL VALVES

### OLD STYLE VALVES

| Catalogue No | Size | Price £ |
|--------------|------|---------|
| 25-52S20     | 20   | 2.43    |
| 25-52S25     | 25   | 2.53    |
| 25-52S32     | 32   | 2.76    |
| 25-52S40     | 40   | 3.75    |
| 25-52S50     | 50   | 6.07    |
| 25-52S63     | 63   | 8.27    |
| 25-52S75     | 75   | 11.58   |
| 25-52S90     | 90   | 15.88   |
| 25-52S99     | 110  | 28.34   |

### NEW STYLE VALVES

| Catalogue No | Size | Price £ |
|--------------|------|---------|
| 25-52S20N    | 20   | 2.43    |
| 25-52S25N    | 25   | 2.53    |
| 25-52S32N    | 32   | 2.76    |
| 25-52S40N    | 40   | 3.75    |
| 25-52S50N    | 50   | 6.07    |
| 25-52S63N    | 63   | 8.27    |

### PVC BUTTERFLY VALVE



| Catalogue No | Diam mm Plain | Press in Bar | Price £ |
|--------------|---------------|--------------|---------|
| 26-30-75     | 75            | 10           | 135.27  |
| 26-30-90     | 90            | 10           | 142.56  |
| 26-30110     | 110           | 10           | 153.13  |
| 26-30160     | 160           | 6            | 200.77  |

### MOUNTING KITS



| Catalogue No | Diam mm Plain | Press in Bar | Price £ |
|--------------|---------------|--------------|---------|
| 26-35-75     | 75            | 10           | 43.32   |
| 26-35-90     | 90            | 10           | 63.06   |
| 26-35110     | 110           | 10           | 76.07   |
| 26-35160     | 160           | 6            | 166.04  |

(Inc. Flanges, Flange Adapter + Fasteners)

Ball & Butterfly valves can be supplied with pneumatic or electric actuators: Prices on application

## HANSEN NYLON VALVES

Best Installed Value

| Specifications  |                     |
|-----------------|---------------------|
| Body            | GF Reinforced Nylon |
| Handle          | GF Reinforced Nylon |
| Ball            | Polypropylene       |
| Ball Seat       | Acetal              |
| O Rings         | Nitrile Rubber      |
| Max Temperature | 60°C                |
| Max Pressure    | 16 Bar              |

### BALL VALVE



| Catalogue No    | Diam BSP" F  | Price £      | Box Qty   |
|-----------------|--------------|--------------|-----------|
| <b>25N55-12</b> | <b>1/2</b>   | <b>20.50</b> | <b>51</b> |
| <b>25N55-19</b> | <b>3/4</b>   | <b>20.50</b> | <b>51</b> |
| <b>25N55-25</b> | <b>1</b>     | <b>25.70</b> | <b>39</b> |
| <b>25N55-32</b> | <b>1 1/4</b> | <b>34.00</b> | <b>24</b> |
| <b>25N55-40</b> | <b>1 1/2</b> | <b>41.10</b> | <b>17</b> |
| <b>25N55-50</b> | <b>2</b>     | <b>51.60</b> | <b>10</b> |

### CHECK VALVE



| Catalogue No    | Diam BSP" F  | Price £      | Box Qty   |
|-----------------|--------------|--------------|-----------|
| <b>26N12-25</b> | <b>1</b>     | <b>28.30</b> | <b>80</b> |
| <b>26N12-32</b> | <b>1 1/4</b> | <b>41.00</b> | <b>45</b> |
| <b>26N12-40</b> | <b>1 1/2</b> | <b>51.50</b> | <b>35</b> |
| <b>26N12-50</b> | <b>2</b>     | <b>75.20</b> | <b>18</b> |

### FOOT VALVE



| Catalogue No    | Diam BSP" F  | Price £      | Box Qty    |
|-----------------|--------------|--------------|------------|
| <b>26N20-25</b> | <b>1</b>     | <b>27.20</b> | <b>100</b> |
| <b>26N20-32</b> | <b>1 1/4</b> | <b>41.00</b> | <b>64</b>  |
| <b>26N20-40</b> | <b>1 1/2</b> | <b>51.50</b> | <b>45</b>  |
| <b>26N20-50</b> | <b>2</b>     | <b>75.20</b> | <b>12</b>  |

Valves, Meters + Controllers



200 SERIES

Technical Data:

|                  |                                 |
|------------------|---------------------------------|
| End Connections  | BSP Female threads              |
| Pressure Rating  | 10 bar Operating                |
| Working Pressure | 0.7-10 bar                      |
| Temperature      | Water up to 60°C                |
| Solenoids        | 24VAC, 24VDC, 12VDC, 9VDC Latch |

WITHOUT FLOW STEM



| Catalogue No | BSP "Fem | Voltage | Price £ | Box Qty |
|--------------|----------|---------|---------|---------|
| 32-21-24-AC  | 3/4      | 24V AC  | 22.80   | 24      |
| 32-21-24-DC  | 3/4      | 24V DC  | 22.80   | 24      |
| 32-27-24-AC  | 1        | 24V AC  | 22.80   | 24      |
| 32-27-24-DC  | 1        | 24V DC  | 22.80   | 24      |

WITH FLOW STEM



| Catalogue No | BSP "Fem | Voltage | Price £ | Box Qty |
|--------------|----------|---------|---------|---------|
| 32-19-12-DC  | 3/4      | 12V DC  | 27.60   | 24      |
| 32-19-24-AC  | 3/4      | 24V AC  | 26.00   | 24      |
| 32-19-24-DC  | 3/4      | 24V DC  | 26.00   | 24      |
| 32-25-12-DC  | 1        | 12V DC  | 27.60   | 24      |
| 32-25-24-AC  | 1        | 24V AC  | 26.00   | 24      |
| 32-25-24-DC  | 1        | 24V DC  | 26.00   | 24      |



| Catalogue No | BSP "Fem | Voltage | Price £ | Box Qty |
|--------------|----------|---------|---------|---------|
| 32-40-24-AC  | 1 1/2    | 24V AC  | 67.80   | 12      |
| 32-40-24-DC  | 1 1/2    | 24V DC  | 67.80   | 12      |
| 32-50-24-AC  | 2        | 24V AC  | 78.20   | 12      |
| 32-50-24-DC  | 2        | 24V DC  | 78.20   | 12      |

ANGLE VALVES



| Catalogue No | BSP "Fem | Voltage | Price £ | Box Qty |
|--------------|----------|---------|---------|---------|
| 32-45-24-AC  | 1 1/2    | 24V AC  | 67.80   | 12      |
| 32-55-24-AC  | 2        | 24V AC  | 78.20   | 12      |

3 WAY SOLENOID VALVES



NORMALLY OPEN

| Catalogue No | BSP "Fem | Voltage | Price £ | Box Qty |
|--------------|----------|---------|---------|---------|
| 32-64-24-AC  | 1 1/2    | 24V AC  | 93.30   | 5       |
| 32-65-24-AC  | 2        | 24V AC  | 99.60   | 5       |

NORMALLY CLOSED

| Catalogue No  | BSP "Fem | Voltage | Price £ | Box Qty |
|---------------|----------|---------|---------|---------|
| 32NC-64-24-AC | 1 1/2    | 24V AC  | 93.30   | 5       |
| 32NC-65-24-AC | 2        | 24V AC  | 99.60   | 5       |



200 SERIESTOPPILOT

The BERMAD Top Pilot Pressure Reducing Control valves offer top performance, compact design and intuitive plug-and-play operation

Technical Data:

Standard Solenoid 2-way operated

Working Pressure  
Setting Range  
3-Way option for low quality water

0.5-10 bar  
0.8 - 6.0 Bar

PRESSURE REGULATING VALVE

2 WAY



| Catalogue No   | BSP "Fem | Setting Range in Bar | Price £ |
|----------------|----------|----------------------|---------|
| 32-TP40-086-00 | 1 1/2    | 0.8 - 6.0            | 153.10  |
| 32-TP50-086-00 | 2        | 0.8 - 6.0            | 177.40  |

3 WAY



| Catalogue No  | BSP "Fem | Setting Range in Bar | Price £ |
|---------------|----------|----------------------|---------|
| 32-TP40-3W-00 | 1 1/2    | 0.8 - 6.0            | 168.30  |
| 32-TP50-3W-00 | 2        | 0.8 - 6.0            | 195.00  |

PRESSURE REGULATING SOLENOID VALVES

2 WAY



| Catalogue No    | BSP "Fem | Voltage | Setting Range in Bar | Price £ |
|-----------------|----------|---------|----------------------|---------|
| 32-TP40-086-24A | 1 1/2    | 24VAC   | 0.8-6.0              | 183.40  |
| 32-TP40-086-09D | 1 1/2    | 9VDC    | 0.8-6.0              | 204.40  |
| 32-TP50-086-24A | 2        | 24VAC   | 0.8-6.0              | 209.50  |
| 32-TP50-086-09D | 2        | 9VDC    | 0.8-6.0              | 229.60  |

3 WAY



| Catalogue No   | BSP "Fem | Voltage | Setting Range in Bar | Price £ |
|----------------|----------|---------|----------------------|---------|
| 32-TP40-3W-24A | 1 1/2    | 24VAC   | 0.8-6.0              | 201.70  |
| 32-TP40-3W-09D | 1 1/2    | 9VDC    | 0.8-6.0              | 224.80  |
| 32-TP50-3W-24A | 2        | 24VAC   | 0.8-6.0              | 230.40  |
| 32-TP50-3W-09D | 2        | 9VDC    | 0.8-6.0              | 252.60  |

DIAPHRAGMS

| Catalogue No | Description                     | Price £ | Box Qty |
|--------------|---------------------------------|---------|---------|
| 32-25-DI     | 3/4" + 1" Electric Diaphragm    | 8.10    | 48      |
| 32-25-DIH    | 3/4" + 1" Hydraulic Diaphragm   | 9.50    | 48      |
| 32-40-DI     | 1 1/2" + 2" Electric Diaphragm  | 23.20   | 50      |
| 32-40-DIH    | 1 1/2" + 2" Hydraulic Diaphragm | 23.20   | 50      |



# SOLENOID VALVES

## 100 series High Performance Valves

Pressure Rating: 10 Bar

Operating Pressure Range: 0.5-10 Bar

Recommended flow rates:

2" – 11-36m<sup>3</sup>/h

3" – 25-82m<sup>3</sup>/h

3"L – 44-146m<sup>3</sup>/h

4" – 44-146m<sup>3</sup>/h

### SOLENOID VALVE 2-WAY COIL



2"



3"

| Catalogue No  | BSP "Fem | Voltage | Price £ |
|---------------|----------|---------|---------|
| 32HP56-24-AC* | 2        | 24VAC   | 144.60  |
| 32HP58-24-AC  | 3        | 24VAC   | 167.70  |
| 32HP58-09-DC  | 3        | 9VDC    | 187.70  |

\* WHILST STOCK LASTS

### SOLENOID VALVE 3-WAY COIL



2" & 3" Threaded

| Catalogue No  | BSP "Fem | Voltage | Price £ |
|---------------|----------|---------|---------|
| 32HP56-3W24AC | 2        | 24VAC   | 176.10  |
| 32HP56-3W09DC | 2        | 9VDC    | 193.90  |
| 32HP58-3W24AC | 3        | 24VAC   | 206.80  |
| 32HP58-3W09DC | 3        | 9VDC    | 224.60  |
| 32HP59-3W24AC | 3L       | 24VAC   | 325.50  |
| 32HP59-3W09DC | 3L       | 9VDC    | 344.30  |

### PRESSURE REGULATING VALVE



| Catalogue No | BSP "Fem | Price £ |
|--------------|----------|---------|
| 32HP564-00   | 2        | 297.80  |
| 32HP584-00   | 3        | 322.60  |
| 32HP594-00   | 3L       | 425.40  |

### PRESSURE REGULATING SOLENOID VALVE



| Catalogue No  | BSP "Fem | Voltage | Price £ |
|---------------|----------|---------|---------|
| 32HP564-24-AC | 2        | 24VAC   | 343.30  |
| 32HP564-09-DC | 2        | 9VDC    | 361.10  |
| 32HP584-24-AC | 3        | 24VAC   | 366.00  |
| 32HP584-09-DC | 3        | 9VDC    | 384.90  |
| 32HP594-24-AC | 3L       | 24VAC   | 461.00  |
| 32HP594-09-DC | 3L       | 9VDC    | 509.50  |

FOR ALL 4" FLANGED VALVES USE THE CODE FOR 3"L AND ADD 2 X 32-5X-99 FLANGES



## BERMAD 100 SERIES TOP PILOT PRESSURE REGULATING VALVES

### PRESSURE REGULATING VALVE



| Catalogue No | BSP "Fem | Setting Range | Price £ |
|--------------|----------|---------------|---------|
| 32HPT584-00  | 3        | 0.8-6.0       | 276.00  |

### PRESSURE REGULATING SOLENOID VALVE 3-WAY



| Catalogue No   | BSP "Fem | Voltage | Setting Range | Price £ |
|----------------|----------|---------|---------------|---------|
| 32HPT584-24-AC | 3        | 24VAC   | 0.8-6.0       | 314.60  |

### 3" DUAL PRESSURE REGULATING SOLENOID VALVE



| Catalogue No   | BSP "Fem | Voltage | Price £ |
|----------------|----------|---------|---------|
| 32HP58DU-24-AC | 3        | 24VAC   | 721.20  |

### PLASTIC FLANGE FOR 100 SERIES



| Catalogue No | Flanged PN16 | Price £ |
|--------------|--------------|---------|
| 32-5X-75     | 3"           | 33.60   |
| 32-5X-99     | 4"           | 42.50   |

TO CONVERT 3" VALVES TO FLANGED VALVES

### PLUG ASSEMBLY (DIAPHRAGM) 100 SERIES



| Catalogue No | Description        | Price £ |
|--------------|--------------------|---------|
| 32-56-EPLUG  | 2" Electric        | 40.80   |
| 32-56-HPLUG  | 2" Hydraulic       | 40.80   |
| 32-58-EPLUG  | 3" Electric        | 70.70   |
| 32-58-HPLUG  | 3" Hydraulic       | 118.40  |
| 32-59-HPLUG  | 3"L & 4" Hydraulic | 144.20  |

### 3" & 4" METAL SOLENOID VALVES



| Catalogue No | Description                   | Price £ |
|--------------|-------------------------------|---------|
| 32-60-24-AC  | 3" BSP Sol Valve 24V AC       | 224.40  |
| 32-62-24-AC  | 4" Flanged Sol Valve - 24V AC | 536.10  |

Valves, Meters + Controllers  
3



## SOLENOID COILS

### 2 WAY COIL



| Catalogue No | Voltage | Cable Colour | Price £ |
|--------------|---------|--------------|---------|
| 33-12-DC     | 12V DC  | Blue         | 14.50   |
| 33-24-AC     | 24V AC  | Red          | 14.50   |
| 33-24-DC     | 24V DC  | Black        | 14.50   |

### 3 WAY COIL



| Catalogue No | Voltage                    | Cable Colour | Price £ |
|--------------|----------------------------|--------------|---------|
| 33324-AC     | 24V AC                     | Orange/Blue  | 25.90   |
| 33324-DC     | 24V DC                     | Black        | 25.90   |
| 33524-AC     | 24V AC                     | Orange/Red   | 25.90   |
| 33324-AC     | Coil NC therefore valve NO |              |         |
| 33524-AC     | Coil NO therefore valve NC |              |         |

### 3 WAY COIL ON BASE



| Catalogue No | Voltage | Cable Colour | Price £ |
|--------------|---------|--------------|---------|
| 33A24-AC     | 24V AC  | Orange/Blue  | 47.40   |

### LATCHING COIL

#### 2 WAY COIL



| Catalogue No | Voltage | Cable Colour | Price £ |
|--------------|---------|--------------|---------|
| 33-82-50     | 6-20V   | Red/Black    | 31.60   |

### 3 WAY COIL ON BASE



| Catalogue No | Voltage | Cable Colour | Price £ |
|--------------|---------|--------------|---------|
| 33A09-DC     | 9V DC   | Black/Red    | 60.10   |



| Catalogue No | Voltage       | Cable Colour | Price £ |
|--------------|---------------|--------------|---------|
| 33-85-50     | 12V DC 2 Wire | Black        | 92.80   |
| 33-85-55     | 12V DC 3 Wire | Black        | 92.80   |

### SOLENOID BASES DOES NOT INCLUDE COIL



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 33-BA-TRIO2W | 2 Way Trio  | 20.80   |



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 33-BA-STD    | 2 Way Old   | 20.10   |



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 33-BA-ZPLATE | Z Plate     | 18.00   |

## PILOTS



| Catalogue No | Description           | Price £ |
|--------------|-----------------------|---------|
| 33-PC-20AP   | 2W Pressure Red Pilot | 132.20  |

'N' Spring  
0.6-6.5 Bar



| Catalogue No | Description   | Price £ |
|--------------|---------------|---------|
| 33-PC-SERVO  | Servo 2/3 Way | 132.20  |

'K' Spring  
0.5-3.0 Bar



| Catalogue No | Description          | Price £ |
|--------------|----------------------|---------|
| 33-PC-SHARXP | Sharp 3 Way XP Pilot | 132.20  |

'N' Spring  
0.6-6.5 Bar

### SPECIALISED 8MM CONTROL FITTINGS



| Catalogue No | Description  | Price £ |
|--------------|--|---------|
| 32-FTT-18    | 8 X 1/8" X 8 "T" Assembly with 1mm Restriction Orifice (Grey /Red) | 10.50   |
| 32-FTT-25    | 8x8mm Check Valve Assy (Grey/Blue)                                 | 15.50   |
| 32-FTT-50    | 8x1/8"x8 Shuttle valve, Grey                                       | 10.50   |

### BERMAD SPARE PARTS

| Catalogue No | Description   | Price £ |
|--------------|---|---------|
| 32-FTC-88    | Tube Straight Connector 8mm-8mm                             | 1.30    |
| 32-FTC-18    | Tube Straight Connector 1/8"M-8mm                           | 0.70    |
| 32-FTC-78    | Tube Straight Connector 1/4"M-8mm                           | 0.70    |
| 32-FTE-28    | Elbow Connector 1/8"M-8mm                                   | 1.10    |
| 32-FTE-58    | Elbow Connector 1/4"M-8mm                                   | 1.10    |
| 32-FTP-38    | 1/8" NPT Male Plug  | 0.20    |
| 32-FTP-34    | 1/4" NPT Male Plug  | 0.20    |
| 32-FTP-32    | 3/8" NPT Male Plug  | 0.40    |
| 32-FTP-30    | 1/2" BSPT Male Plug   | 0.40    |
| 32-FTB-11    | Bushing Male-Female 1/8"-1/8"                               | 0.60    |
| 32-FTB-48    | Bushing Male-Female 1/4"-1/8"                               | 0.60    |
| 32-FTC-98    | T Tube Connector 8mm-8mm-8mm                                | 1.50    |
| 32-FTC-981   | T Tube Connector 8mm-1/8"M-8mm                              | 1.30    |
| 32-FTC-982   | T Tube Connector 8mm-8mm-1/8"M                              | 1.30    |
| 32-FTC-08    | Nut for 8mm Tube fittings                                   | 0.20    |
| 32-FIN-FI    | 1/4" Finger Filter  | 8.10    |
| 35-20S05     | Spare {3/4" PRV} Yellow Spring 0.5 Bar - 1.2 Bar            | 2.70    |
| 35-20S10     | Spare {3/4" PRV} White Spring 0.8 Bar - 2.5 Bar             | 2.70    |
| 35-20S22     | Spare {3/4" PRV} Red Spring 2.0 Bar - 4.0 Bar               | 2.70    |
| 35-20S35     | Spare {3/4" PRV} Black Spring 3.5 Bar - 6.0 Bar             | 2.70    |
| 35-25S05     | Spare {1 and 1/2" PRV} White Spring 0.5 Bar - 1.2 Bar       | 5.40    |
| 35-25S08     | Spare {1 and 1/2" PRV} Red Spring 2.0 Bar - 4.0 Bar         | 5.40    |
| 35-25S12     | Spare {1 and 1/2" PRV} Black Spring 1.5 Bar - 3.5 Bar       | 5.40    |
| 35-25S30     | Spare {1 and 1/2" PRV} Natural Spring Bar 3.0 Bar - 5.5 Bar | 5.40    |
| 35-30S10     | Spare Pilot Orange Spring 1.0 Bar-7.0 Bar                   | 49.00   |





## AR AND VACUUM RELEASE VALVES

### 1/2" BSP VACUUM BREAKER



| Catalogue No | BSP "Male | Price £ |
|--------------|-----------|---------|
| 35-75-10     | 1/2       | 3.75    |

Large air passage, high resistance to chemicals. Smooth, reliable operation

Rec Max Working Pressure 10 Bar  
Rec Max Working Temp 60°C

### 1" AUTOMATIC AIR RELEASE VALVE



| Catalogue No | BSP "Male | Operating Range Bar | Price £ |
|--------------|-----------|---------------------|---------|
| 35-80-20     | 1         | 0.1-10              | 43.10   |

Automatic air release valve that allows efficient release of air pockets from pressurised pipelines

Body GR Polyamide  
Max Pressure 10 Bar  
Max Temp 60°C

### 1" + 2" COMBINATION AIR AND VACUUM RELEASE VALVE



| Catalogue No | BSP "Male | Operating Range Bar | Price £ |
|--------------|-----------|---------------------|---------|
| 35-85-20     | 1         | 0.1-10              | 66.80   |
| 35-85-30     | 2         | 0.1-10              | 99.80   |

Combination air valve, allows efficient release of air pockets from pressurised pipes, and allows large volume air intake in the event of network draining

Body GR Polyamide  
Max Pressure 10 Bar  
Max Temp 60°C

### QUICK ACTION PRESSURE RELIEF VALVE



| Catalogue No | BSP "Female | Price £ |
|--------------|-------------|---------|
| 32-80-00     | 2           | 995.00  |

The Bermad Model 73Q pressure relief valve offers accurate relief pressures that remain unchanged. The valve opens to full capacity upon minimum pressure rise in the pipeline and provides smooth closure without pressure surges.

Operating Pressure 0.5-16 Bar  
Adjustment Range 0-12 Bar  
Rec Relief Setting 1 Bar above normal max.



## ADJUSTABLE PRESSURE REGULATORS

### 3/4" PRV



| Catalogue No | Spring Colour | Pressure Range Bar | Price £ | Box Qty |
|--------------|---------------|--------------------|---------|---------|
| 35-20-10-MF  | White         | 0.8-2.5            | 17.50   | 100     |
| 35-20-22-MF  | Red           | 2.0-4.0            | 17.50   | 100     |

Inlet Diameter 3/4" BSP Female  
Outlet Diameter 3/4" BSP Male  
Pressure Range 0.7 - 9 Bar  
Working Flow Rate 0.5 - 5.0 M<sup>3</sup>/hr  
Max Water Temp 60°C

### 3/4" PRV



| Catalogue No | Spring Colour | Pressure Range Bar | Price £ | Box Qty |
|--------------|---------------|--------------------|---------|---------|
| 35-20-05-FF  | Yellow        | 0.8-2.5            | 16.00   | 100     |

Whilst stocks last  
Inlet: 3/4" BSP Female  
Outlet: 3/4" BSP Female

### 3/4" PRV LOW FLOW



| Catalogue No | Spring Colour | Pressure Range Bar | Price £ | Box Qty |
|--------------|---------------|--------------------|---------|---------|
| 35-21-10-MF  | White         | 0.8-2.5            | 14.30   | 100     |

\* Whilst stocks last  
Rec Flow Rate Range 0.01 - 3.0 M<sup>3</sup>/hr

### 1" PRV



| Catalogue No | Spring Colour | Pressure Range Bar | Price £ | Box Qty |
|--------------|---------------|--------------------|---------|---------|
| 35-25-05     | White         | 0.5-12             | 44.80   | 50      |
| 35-25-08     | Red           | 1.0-2.0            | 44.80   | 50      |
| 35-25-12     | Black         | 1.5-3.5            | 44.80   | 50      |
| 35-25-30     | Brown         | 3.0-5.5            | 44.80   | 50      |

Inlet Diameter 1" BSP Female  
Outlet Diameter 1" BSP Female  
Pressure Range 0.7 - 9 Bar  
Working Flow Rate 0.45 - 7.0 M<sup>3</sup>/hr  
Max Water Temp 50°C

### 1 1/2" PRV



| Catalogue No | Spring Colour | Pressure Range Bar | Price £ | Box Qty |
|--------------|---------------|--------------------|---------|---------|
| 35-40-10     | White         | 0.5-12             | 111.00  | 50      |
| 35-40-14     | Red           | 1.0-2.0            | 111.00  | 50      |
| 35-40-18     | Black         | 1.5-3.5            | 111.00  | 50      |
| 35-40-30     | Brown         | 3.0-5.5            | 111.00  | 50      |

Inlet Diameter 1 1/2" BSP Female  
Outlet Diameter 1 1/2" BSP Female  
Rec Pressure Range 0.7 - 9 Bar  
Rec Flow Rate Range 0.45 - 18.0 M<sup>3</sup>/hr  
Rec Max Working Temp 50°C

Valves, Meters + Controllers

3



## FILTER BACKWASH-VALVES

### BODY BACKWASH VALVE



Angle type

The BERMAD Model IR-2x2-350-P is a compact 3-port valve, in a T configuration. It is double chambered, hydraulically operated, and diaphragm actuated. Designed for automatic backwashing of filtration systems,

Operating pressure: 0.7-10 bar

Max temperature: 65°C

32-35-20 Metal

32-35-50 Plastic

| Catalogue No  | Size "Female BSP"              | Waste Outlet | Price £ |
|---------------|--------------------------------|--------------|---------|
| 32-35-20      | 2"x2"                          | 2" F         | 429.30  |
| 32-35-50      | 2"x2"                          | 2" F         | 223.20  |
| 32-ELASTO-KIT | Complete Seal Kit for 32-35-20 |              | 51.90   |



## CONTROLLERS

### GREENAPP™



The BERMAD GreenApp™ is a smart, flexible, easy to use, Bluetooth, single station irrigation controller.

Integrated with 2-way and 3-way solenoids actuator connected to a free (Android and IOS) user friendly app managed your irrigation from your smart phone

| Catalogue No | Description                                | Price £ |
|--------------|--|---------|
| 33-GA-10     | Green App (suitable for 2 way valves only) | 111.10  |
| 33-GA-30     | Green App with 3-way Base                  | 137.80  |



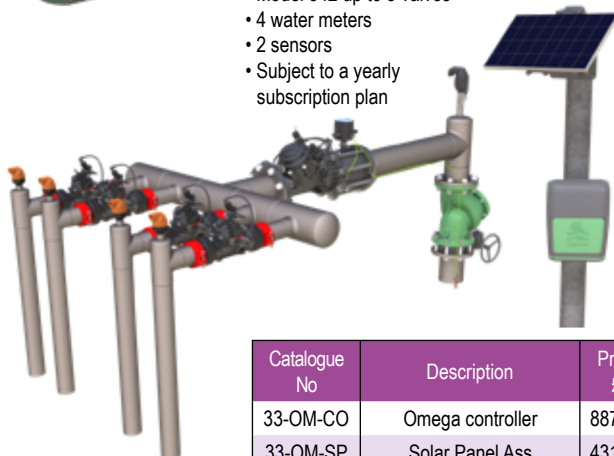
To get a complete valve with GreenApp costing, please add the GreenApp cost to the Valve cost. See pages 42 & 43.

### OMEGA CONTROLLER



Omega is BERMAD's advanced cloud-based irrigation controller, offering anywhere-anytime connectivity to your irrigation system using BERMAD Cloud Web access and Smartphone App

- Cellular Connectivity
- Time based and Volumetric control
- Modular solution
- BERMAD Cloud & Smartphone App
- Intuitive, functional & simple to operate
- Secured end-to-end communication.
- Real-Time alert notification
- Easy setup configuration
- Model 542 up to 5 valves
- 4 water meters
- 2 sensors
- Subject to a yearly subscription plan



| Catalogue No | Description           | Price £ |
|--------------|-----------------------|---------|
| 33-OM-CO     | Omega controller      | 887.80  |
| 33-OM-SP     | Solar Panel Ass       | 431.20  |
| 33-OM-UK     | U Bolt Saddle Adapter | 15.00   |

## CABLE

### LOW VOLTAGE CABLE



| Catalogue No | Cores   | Size   | Length | Price Per 100M £ |
|--------------|---------|--------|--------|------------------|
| 31A08021     | 2 Core  | 0.8mm  | 100 M  | 73.40            |
| 31A08025     |         |        | 500 M  | 73.40            |
| 31A08031     | 3 Core  | 0.8mm  | 100 M  | 86.40            |
| 31A08035     |         |        | 500 M  | 86.40            |
| 31A08041     | 4 Core  | 0.8mm  | 100 M  | 109.10           |
| 31A08045     |         |        | 500 M  | 109.10           |
| 31A08061     | 6 Core  | 0.8mm  | 100 M  | 154.50           |
| 31A08065     |         |        | 500 M  | 154.50           |
| 31A08081     | 8 Core  | 0.8mm  | 100 M  | 213.30           |
| 31A08085     |         |        | 500 M  | 213.30           |
| 31A08101     | 10 Core | 0.8mm  | 100 M  | 302.00           |
| 31A08105     |         |        | 500 M  | 302.00           |
| 31A08121     | 12 Core | 0.8mm  | 100M   | 333.10           |
| 31A08125     |         |        | 500 M  | 333.10           |
| 31A08141     | 14 Core | 0.8mm  | 100 M  | 395.50           |
| 31A08145     |         |        | 500 M  | 395.50           |
| 31A08161     | 16 Core | 0.8mm  | 100 M  | 431.40           |
| 31A08165     |         |        | 500 M  | 431.40           |
| 31A08201     | 20 Core | 0.8mm  | 100 M  | 556.90           |
| 31A08205     |         |        | 500 M  | 556.90           |
| 31A08241     | 24 Core | 0.8 mm | 100 M  | 637.90           |
| 31A08245     |         |        | 500 M  | 637.90           |
| 31A25021     | 2 Core  | 2.5mm  | 100 M  | 264.70           |
| 31A25025     |         |        | 500 M  | 264.70           |
| 31A25031     | 3 Core  | 2.5mm  | 100 M  | 301.50           |
| 31A25035     |         |        | 500 M  | 301.50           |

### HUNTER APPROVED CONTROL CABLE



| Catalogue No | Cores  | Size  | Length | Price Per Coil £ |
|--------------|--------|-------|--------|------------------|
| HCN2X2Y250   | 2 Core | 2.5mm | 250 M  | 616.00           |
| HCN2X2Y500   | 2 Core | 2.5mm | 500 M  | 1047.80          |

### HUNTER APPROVED COMMS CABLE

| Catalogue No | Cores  | Size  | Length | Price Per Coil £ |
|--------------|--------|-------|--------|------------------|
| HCNGCBL050   | 5 Core | 0.8mm | 50 M   | 150.00           |
| HCNGCBL100   | 5 Core | 0.8mm | 100 M  | 300.00           |

### GREASE FILLED CONNECTORS



| Catalogue No | Description | Colour | Qty | Price £ |
|--------------|-------------|--------|-----|---------|
| 31CB1A01     | Small       | Blue   | 1   | 0.35    |
| 31CB2A01     | Medium      | Orange | 1   | 0.40    |

### 3M CABLE JOINTS



| Catalogue No | Description                           | Qty | Price £ |
|--------------|---------------------------------------|-----|---------|
| 31CM2701     | 18-8 AWG, 0.75 to 10mm <sup>2</sup>   | 150 | 117.20  |
| 31CM2702     | 22-14 AWG, 0.34 to 2.5mm <sup>2</sup> | 100 | 96.30   |

### PAIGE CABLE JOINTS



| Catalogue No | Description                        | Qty | Price £ |
|--------------|------------------------------------|-----|---------|
| 31CM31401    | 3 Way for Common Cable             | 1   | 0.80    |
| 31CMBRY-100  | For Multi Wire and Decoder Systems | 100 | 245.00  |
| 31CMBRY-Y    |                                    | 1   | 2.55    |

### CABLE TIES



| Catalogue No | Size      | Price Per 100 £ |
|--------------|-----------|-----------------|
| 31C16048     | 160mm-6"  | 4.40            |
| 31C20048     | 200mm-8"  | 5.55            |
| 31C30048     | 300mm-12" | 11.95           |
| 31C58048     | 580mm-23" | 49.50           |

**PGV SOLENOID VALVE**


1"



1 1/2" &amp; 2"



1" Male Jar-Top



1" Female Jar-Top

- Sizes 1", 1 1/2" & 2" female BSP
- Rated to 10 Bar pressure
- Internal manual operation by twisting the coil 1/2 turn
- External manual bleed using bleed port
- Comes standard with 24V AC coil
- Captive bonnet bolts
- Encapsulated coil with captive plunger
- Max Temperature 66°C
- 2 Year warranty

| Catalogue No | BSP     | Description               | Price £ | Box Qty |
|--------------|---------|---------------------------|---------|---------|
| HVPGV-101    | 1"F     | With Flow Control         | 32.70   | 20      |
| HVPGV-101MMB | 1"M     | With Flow Control         | 32.70   | 20      |
| HVPGV-101-9V | 1"F     | With Flow Control 9V DC   | 59.70   | 20      |
| HVPGV-101JT  | 1"F     | Jar-Top with Flow Control | 32.70   | 20      |
| HVPGV-101JTM | 1"M     | Jar-Top with Flow Control | 32.70   | 20      |
| HVPGV-151    | 1 1/2"F | With Flow Control         | 101.10  | 8       |
| HVPGV-201    | 2"F     | With Flow Control         | 123.80  | 8       |



24V AC Coil



9V DC Coil

**SOLENOID VALVE PARTS**

| Catalogue No | Description                    | Price £ |
|--------------|--------------------------------|---------|
| HVZS24VAC    | Hunter 24V AC Coil             | 18.00   |
| HVZS09VDC    | Hunter 9V DC Latching Coil     | 30.20   |
| HVPGV-101N   | 1" PGV Body w/o Solenoid       | 28.30   |
| HVZ332100    | 1" PGV Diaphragm Assy          | 13.60   |
| HVZ414100    | 1 1/2" PGV Diaphragm Assy      | 24.00   |
| HVZ415600    | 2" PGV Diaphragm Assy          | 24.00   |
| HVZ460026    | 1 1/2" + 2" ICV Diaphragm Assy | 36.00   |

**ICV SOLENOID VALVE**


- Sizes 1", 1 1/2", 2" & 3" female BSP
- Rated to 16 Bar pressure
- Glass filled nylon construction allows higher pressure rating
- Flow control is standard on all models
- Internal manual operation
- Captive bonnet bolts
- Comes standard with 24V AC coil
- Encapsulated coil with captive plunger
- 9V DC latching coil also available
- Max temperature 66°C
- 5 year warranty

| Catalogue No | BSP     | Description       | Price £ | Box Qty |
|--------------|---------|-------------------|---------|---------|
| HVICV-101    | 1"F     | With Flow Control | 98.10   | 12      |
| HVICV-151    | 1 1/2"F | With Flow Control | 128.30  | 8       |
| HVICV-201    | 2"F     | With Flow Control | 166.00  | 8       |
| HVICV-301    | 3"F     | With Flow Control | 543.40  | N/A     |

For metal solenoid valves, refer to our Bermad Valve range Page 43

**ICV WITH FILTER SENTRY**


- Filter Sentry scours the filter clean with a wiper that slides up and covers the entire screen when the valve opens
- The wiper continues to scrub the filter's upper part during valve operation
- Filter Sentry can be retrofitted to existing ICV valves

| Catalogue No | BSP     | Description        | Price £ | Box Qty |
|--------------|---------|--------------------|---------|---------|
| HVICV-101GFS | 1"F     | With FC and Sentry | 128.30  | 12      |
| HVICV-151GFS | 1 1/2"F | With FC and Sentry | 163.00  | 8       |

**HUNTER ACCU-SYNC PRESSURE REGULATORS**


- Control your downstream operating pressure
- Fits onto all Hunter solenoid valves
- Adjustable model 1.5 - 7 Bar range
- Static pressure 10 Bar
- Works with both AC & DC Hunter coils.

| Catalogue No | Description             | Price £ | Box Qty |
|--------------|-------------------------|---------|---------|
| HVACCU-ADJ   | Adjustable 1.5 to 7 Bar | 82.70   | 10      |

**HUNTER HCV CHECK VALVES**


- Adjusts to compensate for elevation changes up to 11m
- Meets schedule 80 specification
- Different models for 1/2" & 3/4" sprinklers

| Catalogue No | Description                 | Price £ |
|--------------|-----------------------------|---------|
| HSV50F05F    | 1/2" F Inlet x 1/2"F Outlet | 10.40   |
| HSV50F05M    | 1/2" F Inlet x 1/2"M Outlet | 10.40   |
| HSV07F07M    | 3/4"F Inlet x 3/4"M Outlet  | 11.90   |

**DC-1 & DC-4**



Modern and sophisticated controllers for the automatic operation of a watering system without requiring any mains electricity.

The DC-1 and DC-1S are as shown in the picture left, one valve complete with controller.

All models now with 2 wire connection.

**Features: All Controllers:**

- Independent station programming
- Up to four start times per day, per station
- Watering time from 1 minute to 12 hours
- 7 day calendar or cycle 1-30 days
- Rain off position
- Average battery life - 1 year
- Sensor connection
- Completely waterproof

| Catalogue No | Description         | Price £ | Box Qty |
|--------------|---------------------|---------|---------|
| 34G26125     | DC1 with 1" Valve   | 140.80  | 20      |
| 34G26410     | DC4 Controller Only | 123.30  | 10      |
| 34G29025     | 1" DC4 Valve        | 35.20   | 20      |

**DC-1 Complete Technical Specifications:**

- Pressure range 0.7-10 Bar
- Max temperature 80°C
- DC1 & DC-4 2 way valve
- DC1S 2 way valve
- DC4S 2 way valve
- Powered by a 9V Alkaline battery

**DC-1S & DC-4S**



| Catalogue No | Description        | Price £ | Box Qty |
|--------------|--------------------|---------|---------|
| 34G36125     | DC1S with 1" Valve | 170.10  | 10      |
| 34G29025     | 1" DC4S Valve      | 35.20   | 20      |

**Additional Features DC1-1S and DC-4S**

- Window option for irrigating part of the day
- Watering time from 5 seconds every minute in increments of 5 seconds
- Includes sensor connection
- Each valve can have sensor on or off

The DC-4 and DC-4S can operate up to 4 valves from one controller



| Catalogue No | Size   | Price £ |
|--------------|--|---------|
| 34GSC-00     | 9V DC Latch Signal Converter (3 Wires x 2 Wires). Voltage Range 4 to 18V DC. Pulse Length 20ms. Capacitor Size 2200UF. | 6.70    |

**GALCONETTE**



**Features**

- Easy to install and simple to use
- Works with one 9V battery
- Watering time from 1 minute to 12 hours
- Up to four start times per day
- Working pressure from 1 to 10 Bar
- 3/4" BSP connections
- Water resistant
- Built in filter

| Catalogue No | Price £ | Box Qty |
|--------------|---------|---------|
| 34G49001     | 65.30   | 10      |

**GALCONIQ**



**Features**

- Easy to install and simple to use
- Works with one 9V battery
- Watering time from 1 minute to 12 hours
- Up to four start times per day
- Working pressure from 1 to 10 Bar
- 3/4" BSP connections
- Water resistant
- Built in filter

| Catalogue No | Price £ | Box Qty |
|--------------|---------|---------|
| 34G51100     | 64.50   | 10      |

**GALCON JEWEL**



**Features**

- Easy to install and simple to use
- Works with one 9V battery
- Watering time from 1 minute to 12 hours
- Up to four start times per day
- Working pressure from 1 to 10 Bar
- 3/4" BSP connections
- Flow rate up to 9m<sup>3</sup>/hr
- Water resistant

| Catalogue No | Size | Price £ | Box Qty |
|--------------|------|---------|---------|
| 34G47019     | 3/4" | 95.50   | 10      |
| 34G47025     | 1"   | 95.50   | 10      |

## BLUE TOOTH CONTROLLERS

### GALCONETTE BT



- Program and manual operation from smartphone or tablet
- Intuitive and easy programming
- Download Galcon App
- Works with one 9V battery
- Weather resistant
- Working pressure 1-10 Bar
- Flow Rate 50-1200 l/hr
- 3/4" BSP Connection
- Range 5-30 M

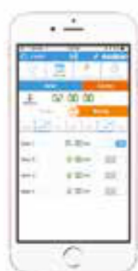


| Catalogue No | Size | Price £ | Box Qty |
|--------------|------|---------|---------|
| 34GBT9001    | 3/4" | 69.00   | 10      |

### JEWEL BT



- Program and manual operation from smartphone or tablet
- Intuitive and easy programming
- Download Galcon App
- Works with one 9V battery
- Completely Waterproof (IP68)
- Working pressure 1-10 Bar
- Flow Rate 50-1200 l/hr
- 3/4" + 1 BSP Connection
- Range 5-30 M
- Irrigation duration from 1 min to 12 hrs
- Weekly and cyclical programming



| Catalogue No | Size | Price £ | Box Qty |
|--------------|------|---------|---------|
| 34GBT7119    | 3/4" | 112.80  | 10      |
| 34GBT7125    | 1"   | 112.80  | 10      |

## ACCESSORIES

### WET LEAF SENSOR



| Catalogue No | Description     | Price £ |
|--------------|-----------------|---------|
| 34M20-25     | Wet Leaf 2.5 M  | 34.20   |
| 34M20-50     | Wet Leaf 5.0 M  | 40.30   |
| 34M20-99     | Wet Leaf 10.0 M | 48.20   |

| Catalogue No | Description                | Price £ |
|--------------|----------------------------|---------|
| 34GT0010     | Transformer 220V to 24V AC | 25.10   |

### AC24



### Features AC24

- 8, 12, 16, 20 and 24 stations
- Single housing
- Modular expansion
- Weekly program
- 4 Start times per daily program
- Cyclic program - 1 to 30 days
- Programmable "Rain off"
- Master valve/pump start
- Programmable fertiliser valve
- Programmable lighting control
- Built in transformer

| Catalogue No | Size             | Price £ |
|--------------|------------------|---------|
| 34G52408     | 8                | 224.50  |
| 34G52412     | 12               | 245.90  |
| 34G52416     | 16               | 267.70  |
| 34G52420     | 20               | 289.20  |
| 34G52424     | 24               | 311.00  |
| 34G54004     | 4 Station Module | 25.30   |

### SERIES 8100-GQ



8100 is the ultimate user-friendly, DIY system for estate homes requiring 2-8 stations. Easily connected to the home's electrical system, users never have to worry about batteries running out. In addition, this controller has a built-in external memory.

| Catalogue No | Size             | Price £ |
|--------------|------------------|---------|
| 34GQ05-04    | 4 Station 24V AC | 86.10   |
| 34GQ05-08    | 8 Station 24V AC | 92.40   |

\* Whilst Stock Lasts

## HUNTER BLUETOOTH TAP TIMERS



Inlet: 1" F / 3/4" F  
 Outlet: 3/4" M / QuickConnector  
 Flow Rate: 2 l/h - 1.4m<sup>3</sup>/hr  
 Pressure: 0.5-8 Bar

| Catalogue No | Description     | Price £ | Box Qty |
|--------------|-----------------|---------|---------|
| HCBTT-101    | Bluetooth Timer | 110.60  | 10      |

- Bluetooth enabled for easy wireless smartphone programming
- Manage an unlimited number of BTT controllers
- Independent timer and cycling modes
- 1-second to 24-hour run times
- Suspend irrigation up to 99 days
- Manual push-button operation
- Automatic water shutoff after 1 hour
- Blinking LED low-battery alert
- Secure passcode protection
- Rugged screen filter
- Alkaline batteries included
- Warranty period 2 years



| Catalogue No | Description            | Price £ | Box Qty |
|--------------|------------------------|---------|---------|
| HCBTT-201    | 2-Zone Bluetooth Timer | 172.50  | 5       |

### PRO-C



- PRO-C is modular
- Base controller has 4 Stations
- Purchase expansion modules to increase up to 16 stations max
- 3 programs, 4 starts per program
- Max. station run time 6 hours
- Seasonal (global) adjustment
- Compatible with Solar-Sync
- Delay between stations
- Pump/master valve output 0.28amps
- 2 year warranty

### MODULAR

| Catalogue No | Description                       | Price £ | Box Qty |
|--------------|-----------------------------------|---------|---------|
| HCPCOB04     | 4 Station Base Outdoor Controller | 298.90  | 8       |
|              | Expansion Modules                 |         |         |
| HCPCM3       | 3 Station Expansion Module        | 89.30   | 20      |
| HCPCM9       | 9 Station Expansion Module        | 331.00  | 6       |

Note: to make 16 Stations, use an HCPCM9 & an HCPCM3

### ICC2 CONTROLLER



- 8 station base controller
- 8 to 38 stations (plastic)
- 8 to 54 (metal)
- 4 independent programs
- 8 starts per program
- 2 simultaneous program operation
- 5 year warranty

| Catalogue No | Description                  | Price £ |
|--------------|------------------------------|---------|
| HCIC2800PL   | ICC2 Plastic Base Controller | 596.30  |
| HCIC2800M    | ICC2 Metal Base Controller   | 1255.40 |
| HCIC2ICM400  | 4 Station Plug in Module     | 168.90  |
| HCIC2ICM800  | 8 Station Plug in Module     | 312.40  |
| HCIC2ICM2200 | 22 Station Plug in Module    | 612.80  |

### CONTROLLER SPARES

| Catalogue No | Description                                      | Price £ |
|--------------|--|---------|
| HCZETADAPTOR | ET Adaptor for extending smart ports             | 83.80   |
| HCZ122516    | Hunter Key to fit all controllers                | 6.10    |
| HCZ124705    | I-Core face panel                                | 323.90  |
| HCZ387300    | Lock and key set for all controllers             | 14.60   |
| HCZ154628    | ICC2 & I-CORE internal transformer               | 48.50   |
| HCZ52-6200   | PCC & PRO-C Face panel                           | 88.00   |
| HCACADM99    | ACC99D decoder output module                     | 2009.50 |
| HCZ571500    | ACC99D Front Faceplate Face Pack                 | 485.10  |
| HCZ545800    | Transformer for Pro C/XC Controller              | 38.80   |
| HCICCFPUP2   | Retrofit ICC2 face panel kit for ICC controllers | 396.10  |
| HCHCCFPUP    | HCC Face panel upgrade for ICC & ICC2            | 581.80  |
| HCZ904700    | ICC2 Face panel only                             | 212.20  |
| HCZTRANSIN   | Indoor controller plug in transformer            | 43.70   |

### EZ DECODER SYSTEM FOR ICC2, HCC & PRO-C CONTROLLERS



- Low-cost two-wire system for ICC2, HCC and PRO-C controllers
- ICC2/HCC - Up to 54-station capacity, plus master valve
- PRO-C - Up to 28 station capacity, plus master valve
- EZ-1 single-station decoders have status LED for positive diagnostics
- Permits hybrid operations of conventional and decoder stations for added flexibility
- P/MV can be activated by decoder or direct controller output (ICC2 & HCC only)
- Up to two standard 24VAC solenoids per EZ-1 decoder output (ICC2 & HCC only)
- Simultaneous stations on: Two, plus master valve (ICC2 & HCC only)
- Wire paths to field: Two (each may be tee-spliced in different directions, ICC2 & HCC only)

| Catalogue No | Description  | Price £ |
|--------------|--|---------|
| HCEZDM       | ICC2/HCC Decoder Module  | 446.90  |
| HPCDDM       | PRO-C Decoder Module   | 357.80  |
| HCEZ-1       | ICC2/HCC/PRO-C 1 Station Decoder   | 127.00  |
| HCEZ-DT      | Wireless Diagnostic and Wired Programming Tool for the EZ Decoder System | 573.40  |

### HUNTER PUMP START RELAY 230VAC



Hunter 230VAC, 2.2kW double pole contact, pump start relay

| Catalogue No | Description      | Price £ |
|--------------|------------------|---------|
| HPSR52       | Pump Start Relay | 238.60  |

### ACC2 DECODER CONTROLLER



**NEW**



#### DECODER FEATURES

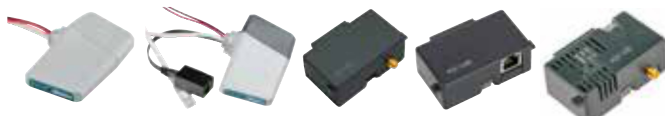
- Operates all Hunter ICD decoders and Pilot decoders
- ICD-HP wireless programmer compatible
- Number of stations: 75 to 225 - Type modular decoder
- Full-colour, high-resolution backlit display (reversible)
- Independent programs: 32
- Start times per program: 10
- Station run times: 15 seconds to 12 hours
- Up to 6 pump/master valve outputs, normally open or normally closed
- Flow management (runs flow zones to specified capacity)

| Catalogue No | Description                            | Price £ |
|--------------|--|---------|
| HCA2C75DP    | 75 Station Decoder Controller          | 2924.50 |
| HCA2C75DPP   | 75 Station Decoder Pedestal Controller | 7537.50 |
| HCA2C-D75    | 75 Station expansion module            | 1076.40 |

### CENTRALUS SOFTWARE FOR ICC2 & ACC2 CONTROLLERS



- Wide-area management platform with maps, alarms, and settings
- Connectivity via Wi-Fi, LAN (Ethernet) and SIM
- Scheduling, remote control, status, and activity at a glance
- Highly secure cloud access
- Flow monitoring and reporting
- Responsive web design configures for your device, allowing the same controls from your smartphone, tablet, or desktop
- Weather integration



| Catalogue No   | Description                         | Price £ |
|----------------|-------------------------------------|---------|
| HCIC2WIFIKIT   | ICC2 Wi-Fi connection module        | 243.60  |
| HCIC2LANKIT    | ICC2 LAN connection module          | 243.60  |
| HCIC2CELLKIT-E | ICC2 cellular/sim connection module | 705.00  |
| HCA2C-WIFI     | ACC2 Wi-Fi connection module        | 469.90  |
| HCA2C-LAN      | ACC2 LAN connection module          | 349.20  |
| HCA2C-CELL-E   | ACC2 cellular/sim connection module | 1390.70 |

### ACC AND PILOT DECODERS



| Catalogue No | Description             | Price £ |
|--------------|-------------------------|---------|
| HCACICD01    | 1 Station Decoder       | 196.10  |
| HCACICD02    | 2 Station Decoder       | 360.70  |
| HCACICD04    | 4 Station Decoder       | 452.90  |
| HCACICDSE    | SENSOR Decoder          | 865.30  |
| HCPILOT100   | Pilot 1 Station Decoder | 262.60  |
| HCPILOT200   | Pilot 2 Station Decoder | 399.70  |
| HCPILOT400   | Pilot 4 Station Decoder | 618.30  |
| HCPILOT600   | Pilot 6 Station Decoder | 639.00  |
| HCPILOTSG    | Pilot Surge Arrestor    | 192.70  |

### XC HYBRID CONTROLLER



- Can be battery or AC powered
- When the mains are off, the controller will automatically use battery power
- Non compatible with ROAM, FLOW SYNC, SOLAR SYNC while operating on battery power
- 3 programs, 4 starts per program
- Max. station run time 4 hours
- Operates 9V DC latching coils only
- Rain sensor connection & sensor bypass
- Uses 6 AA batteries.
- 2 year warranty.

| Catalogue No | Description | Price £ | Box Qty |
|--------------|-------------|---------|---------|
| HCXCH06      | 6 Station   | 304.90  | 10      |
| HCXCH12      | 12 Station  | 442.80  | 10      |

### NODE BLUETOOTH CONTROLLER



- Number of stations, 1, 2 & 4
- Bluetooth range of 15m from smartphone
- 1 smartphone manages an unlimited number of controllers
- Active station LEDs and battery-life LED indicator for battery replacement
- 3 programs with 8 start times each and 1 second to 12-hour run times
- Manual push-button operation, for quick operation without a smartphone
- Delay between stations for slow-closing valves or pump recharge
- Add soil probe for moisture sensing
- Cycle and soak prevents water waste and runoff in areas with elevation changes or tight soils
- Monthly and global seasonal adjustment for quicker schedule adjustments without changing run times
- Secure passcode protection prevents unauthorized schedule changes

| Catalogue No | Description                              | Price £ | Box Qty |
|--------------|--|---------|---------|
| HCNODE-BT1   | 1 Station BT Controller c/w 9v Coil      | 181.50  | 10      |
| HCNODE-BT1V  | 1 Station BT Controller c/w 1" PGV Valve | 195.40  | 10      |
| HCNODE-BT2   | 2 Station BT Controller w/o Coil         | 237.30  | 10      |
| HCNODE-BT4   | 4 Station BT Controller w/o Coil         | 279.20  | 10      |
| HCSC-PROBE   | SC Probe Only                            | 60.60   | 10      |

## HC INDOOR CONTROLLER



- 2 simultaneous program operation
- Wi-Fi enabled for simple connection to the internet
- iPhone and Android App available
- 12 station standard controllers including pump/master valve (24VAC)
- 2 sensor ports
- Flow meter and wiring detection alerts
- 36 programs
- 6 starts per programme
- Predictive watering adjustments based on local weather

| Catalogue No | Description                     | Price £ | Box Qty |
|--------------|---------------------------------|---------|---------|
| HCHC12011    | 12 Station Hydrawise Controller | 649.80  | 10      |

## X2 CONTROLLER



- Number of stations: 4, 6, 8, or 14 (fixed models)
- Wi-Fi capable cont. automatically managed by Hydrawise® software by adding WAND Module
- 3 flexible programs with 4 start times up to 6-hour run times
- QuickCheck™ provides simple diagnostics of faulty field wiring
- Compatibility with Amazon Alexa™ and Control4® home automation

| Catalogue No | Description                                  | Price £ | Box Qty |
|--------------|--|---------|---------|
| HCX204       | 4 Station Controller                         | 193.90  | 10      |
| HCX206       | 6 Station Controller                         | 221.70  | 10      |
| HCX208       | 8 Station Controller                         | 265.70  | 10      |
| HCX214       | 14 Station Controller                        | 459.70  | 10      |
| HCX2WAND     | WAND Wi-Fi Module for Hydrawise Connectivity | 217.90  | 10      |

## PRO-HC OUTDOOR CONTROLLER



- Outdoor model includes door lock, and built in transformer
- Full-functioning controller with touchscreen
- Wi-Fi enabled for simple and fast connection to the internet
- 6, 12 and 24 fixed station controllers
- Dedicated master valve/pump start
- Built-in milliamp sensor across the full range of controllers
- 2 sensor ports
- Flow meter and wiring detection alerts
- 36 programs
- 6 starts per programme
- Predictive watering adjustments based on local weather

| Catalogue No | Description                   | Price £ | Box Qty |
|--------------|-------------------------------|---------|---------|
| HCPRO06      | 6 Station Outdoor Controller  | 580.60  | 8       |
| HCPRO12      | 12 Station Outdoor Controller | 687.60  | 8       |
| HCPRO24      | 24 Station Outdoor Controller | 1204.00 | 8       |

## PRO C HYDRAWISE



- Wi-Fi enabled for fast and simple internet connection
- Full-colour touch screen
- Built-in milliamp sensor for detection of wiring problems
- Utilizes Pro-C modules to create station counts between 4–16
- Pulse Meter compatible for flow monitoring and alerts
- One sensor port
- Roam Remote compatible
- Includes 1.5m lead

| Catalogue No | Description  | Price £ | Box Qty |
|--------------|--|---------|---------|
| HCHPCO401E   | 4 Station Base Controller Outdoor  | 416.90  | 32      |
| HCHPCFP      | Hydrawise Retrofit Front Panel for Pro-C Controllers Upgrade Pro-C Modular and Fixed Station Controllers Manufactured Since March 2014 to the Hydrawise Platform | 377.80  | 10      |
| HCCPM3       | 3 Station Expansion Module   | 89.30   | 20      |
| HCCPM9       | 9 Station Expansion Module   | 331.00  | 6       |

## HCC COMMERCIAL IRRIGATION CONTROLLER



- Wi-Fi enabled for quick connection to Hydrawise software
- Number of stations: 8 to 38 (plastic), 8 to 54 (metal and pedestals)
- Simultaneous station operation: 2
- Pre-wired SmartPort for compatibility with ROAM remote
- Built-in milliamp sensor for wire fault detection and alerts
- Flow Meter compatible for flow monitoring and alerts
- 3.2" full-color touchscreen display
- Warranty period: 5 years

| Catalogue No | Description                                       | Price £ | Box Qty |
|--------------|---|---------|---------|
| HCHCC800PL   | 8-Station Base Model, Plastic Outdoor, Wall Mount | 993.70  | 10      |
| HCHCC800M    | 8-Station Base Model, Metal Outdoor, Wall Mount   | 1530.20 | 10      |
| HCHCCFPUP    | Hydrawise Retrofit Upgrade Kit for ICC and ICC2   | 581.80  | 10      |
| HCIC2ICM400  | 4 Station Plug in Module                          | 168.90  |         |
| HCIC2ICM800  | 8 Station Plug in Module                          | 312.40  |         |
| HCIC2ICM2200 | 22 Station Plug in Module                         | 612.80  |         |

## HYDRAWISE SUBSCRIPTION PLANS

- HC-PLAN-HOME Home Plan (Free) - Our standard plan offers free weather station connection, App alerts, reporting and 1 user account
- HC-PLAN-ENTHUSIAST Enthusiast Plan - Use multiple weather stations for hyper-local weather, receive SMS alerts, 5 user accounts
- HC-PLAN-CONTRACTOR STARTER Contractor Starter (Free) - Manage up to 5 controllers and up to 5 contractor staff users
- HC-PLAN-CONTRACTOR Contractor Plan - Manage up to 50 controllers and up to 5 contractor staff users

AVAILABLE FROM [WWW.HYDRAWISE.COM](http://WWW.HYDRAWISE.COM)



### ROAM RADIO REMOTE



- Turn stations / programs on & off from up to 300 metres from the controller
- Operates with X-Core, Pro-C, PCC, I-Core and ACC controllers
- 128 programmable addresses so one ROAM transmitter can be used on multiple sites
- 2 year warranty
- Connect to controller via Smart-Port

| Catalogue No | Description                                     | Price £ |
|--------------|---|---------|
| HCROAMKIT    | Radio Remote Kit Transmitter/Receiver/SmartPort | 448.40  |
| HCZROAMSCWH  | 7.5M Smartport Extension                        | 32.90   |
| HCZROAMWH    | Harness Only 1.8M                               | 23.10   |
| HCROAMR      | Receiver Only                                   | 231.70  |
| HCROAMTR     | Transmitter Only                                | 261.60  |

### SOIL-CLIK™



- Soil moisture level & status at a glance
- Shuts down controller when moisture has been reached
- Sensor probe can be located up to 300 meters from controller
- Connects to Hunter sensor inputs

| Catalogue No | Description               | Price £ |
|--------------|---------------------------|---------|
| HCSOILCLIK   | Soil Clík Moisture Sensor | 228.90  |

### RAIN SENSORS



- Mini-Clík is world-renowned for rain shut-off
- Mini-Clík shuts the system off once a pre-determined amount of water has fallen
- Rain-Clík shuts the system off as soon as it starts to rain
- Wireless Rain Clík uses a transmitter and receiver to eliminate cable connections

| Catalogue No | Description   | Price £ |
|--------------|---|---------|
| HCSCLIK      | Mini Click Rain                                     | 61.40   |
| HCSCLIKRW    | Wireless Mini Click Rain Includes Sensor & Receiver | 168.50  |

### HC FLOW METER



- Flow meter connects to Hydrowise™ ready controllers & the Hydrowise™ software
- Shows total water use by zone
- Monitors the system to alert for high/low flow conditions
- Dial allows for manual recording at the meter in m<sup>3</sup>
- Two-wire read-based pulse output
- Flow directional markings on body

| Catalogue No  | Description                                   | Price £ |
|---------------|---|---------|
| HCHC-075-FLOW | 3/4" Hydrowise Flow Meter                     | 307.30  |
| HCHC-100-FLOW | 1" Hydrowise Flow Meter                       | 347.60  |
| HCHC-150-FLOW | 1 1/2" Hydrowise Flow Meter                   | 693.90  |
| HCHC-200-FLOW | 2" Hydrowise Flow Meter                       | 928.20  |
| HCWHCFLOWINT  | Wireless Flow Sensor System for HC Flow meter | 338.80  |

### HUNTER SOLAR-SYNC



- Automatically adjusts the daily program run times via Evapo-Transpiration of local weather
- Includes rain shut-off
- 5 year warranty
- Includes gutter mount bracket

| Catalogue No | Description                               | Price £ |
|--------------|---|---------|
| HCSOLSYNX    | For ACC/I Core/X Core                     | 183.00  |
| HCSOLSYNXW   | Wireless Solar Sync For ACC/I Core/X Core | 344.30  |

### MINI WEATHER STATION & WIND-CLIK



- Compact sensor monitors wind & rain.
- Shuts the systems off.
- Wind speed shutdown adjustable 19-56 km/h.
- Rain shutdown from 3mm to 25mm depth.
- 5 year warranty.
- Fits most controllers.
- Wind-Clík model excludes the rain sensor.

| Catalogue No | Description          | Price £ |
|--------------|----------------------|---------|
| HCMWSS       | Mini Weather Station | 393.50  |
| HCZCLIKW     | Wind Clík            | 254.30  |

### HANDHELD DECODER PROGRAMMER

#### ICD-HP



- Program or alter your Dual, ICD and Pilot decoders in the field without removing the field cables
- Give any decoder its own address
- For multi-output decoders, give each output its own address (don't need to be in order)
- Test your field cables & connections
- Adjust the power factor to decoder
- Simple & fast

| Catalogue No | Description              | Price £ |
|--------------|--------------------------|---------|
| HICDHP       | Programmer in carry case | 1877.30 |

### HUNTER FLOW SYNC SENSOR



- Simple-insertion flow sensor for metering and reacting to real-time flow conditions
- Provides station-level flow monitoring for reaction to high- or low-flow conditions helping to protect against waste and damage from leaks
- Compatible with Hunter ACC2 Controllers, also ICD-SEN Sensor Decoders, for flexible installation in a variety of settings
- Compatible with ICC2 Controller via Centralus communication modules
- Easy connection up to 300 m from controller or sensor decoder
- Wireless option available for ACC2 controllers
- Warranty period: 5 years

| Catalogue No | Description                           | Price £ |
|--------------|---------------------------------------|---------|
| HCHFS        | HFS Flow-Sync Sensor, for ACC2 & ICC2 | 450.30  |
| HCFCT158     | 1 1/2" SCH80 Sensor Receptacle Tee    | 167.10  |
| HCFCT208     | 2" SCH80 Sensor Receptacle Tee        | 196.10  |
| HCFCT308     | 3" SCH80 Sensor Receptacle Tee        | 239.70  |
| HCFCT400     | 4" SCH80 Sensor Receptacle Tee        | 283.30  |
| HCWFSINT     | Wireless Flow Sensor System for ACC2  | 616.40  |

NEW



**PLASTIC COLD WATER METER**



| Catalogue No | Size | Flow Rate m <sup>3</sup> /hr |     | Price £ | Box Qty |
|--------------|------|------------------------------|-----|---------|---------|
|              |      | Max                          | Nom |         |         |
| 36-00-12P    | 1/2" | 2                            | 1.6 | 62.00   | 6       |

Max Temp. 50°C  
Max Pressure 10 Bar

**STANDARD COLD WATER METER**



| Catalogue No | Size   | Flow Rate m <sup>3</sup> /hr |     | Price £ | Box Qty |
|--------------|--------|------------------------------|-----|---------|---------|
|              |        | Max                          | Nom |         |         |
| 36-00-19     | 3/4"   | 5                            | 2.5 | 101.50  | 6       |
| 36-00-25     | 1"     | 7                            | 3.5 | 131.00  | 8       |
| 36-00-32     | 1 1/4" | 12                           | 6   | 125.00  | 8       |
| 36-00-40     | 1 1/2" | 20                           | 10  | 246.50  | 4       |
| 36-00-50     | 2"     | 30                           | 15  | 309.00  | 2       |

Max Temp. 50°C  
Max Pressure 16 Bar  
Magnetic Drive Multi Jet Principle

**SPARE COUPLING SETS**



| Catalogue No | Description         | Price £ |
|--------------|---------------------|---------|
| 36-02-12     | 1/2" Coupling Set   | 7.00    |
| 36-02-19     | 3/4" Coupling Set   | 12.00   |
| 36-02-25     | 1" Coupling Set     | 19.00   |
| 36-02-32     | 1 1/4" Coupling Set | 27.00   |
| 36-02-40     | 1 1/2" Coupling Set | 52.80   |
| 36-02-50     | 2" Coupling Set     | 97.20   |

**WATER METER WITH ELECTRICAL OUTPUT**



| Catalogue No | Size   | Flow Rate m <sup>3</sup> /hr |     | Price £ | Box Qty |
|--------------|--------|------------------------------|-----|---------|---------|
|              |        | Max                          | Nom |         |         |
| 36-10-19     | 3/4"   | 5                            | 2.5 | 128.80  | 6       |
| 36-10-25     | 1"     | 7                            | 3.5 | 148.40  | 3       |
| 36-10-32     | 1 1/4" | 12                           | 6   | 181.00  | 3       |
| 36-10-40     | 1 1/2" | 20                           | 10  | 274.60  | 2       |
| 36-10-50     | 2"     | 30                           | 15  | 346.40  | 2       |

1/2" - 1 1/4" 1 Pulse Every Litre  
1 1/2" - 2" 1 Pulse Every 10 Litres

**All BSP meters come with coupling sets the actual thread size is larger than indicated and the tail pieces reduce to normal size quoted**

1/2", 3/4", 1", 1 1/4" have a dial indication from 1 litre to 10,000m<sup>3</sup>  
1 1/2" and above have a dial indication from 10 litre to 100,000m<sup>3</sup>

**FLANGED WATER METER**



| Catalogue No | Size | Flow Rate m <sup>3</sup> /hr |     | Price £ |
|--------------|------|------------------------------|-----|---------|
|              |      | Max                          | Nom |         |
| 36-00-75     | 3"D  | 120                          | 55  | 444.40  |
| 36-00-99     | 4"D  | 225                          | 100 | 512.50  |

Max Temp. 50°C  
Max Pressure 16 Bar

**REED SWITCHES**

| Catalogue No | Description             | Price £ |
|--------------|-------------------------|---------|
| 36-10-RSB    | Blue - Electric W Meter | 70.60   |
| 36-10-RSG    | Grey - Electric W Meter | 95.60   |

**IRT IRRIGATION METER**

**FLANGED BSTD**



| Catalogue No | Size | Flow Rate m <sup>3</sup> /hr |     | Price £ |
|--------------|------|------------------------------|-----|---------|
|              |      | Max                          | Nom |         |
| 36-15-75     | 3"   | 150                          | 90  | 341.90  |
| 36-15-99     | 4"   | 250                          | 125 | 403.60  |
| 36-15150     | 6"   | 500                          | 250 | 567.50  |

The Irrigation water meter is specially designed to allow free water passage when there is a high level of impurities. Suitable for vertical or horizontal installation.

**FLANGED PN16**



| Catalogue No | Size | Flow Rate m <sup>3</sup> /hr |     | Price £ |
|--------------|------|------------------------------|-----|---------|
|              |      | Max                          | Nom |         |
| 36-15-85     | 80   | 150                          | 90  | 341.90  |
| 36-15105     | 100  | 250                          | 125 | 403.60  |
| 36-15160     | 150  | 500                          | 250 | 614.80  |

**WITH ELECTRICAL OUTPUT**

| Catalogue No | Size | Flow Rate m <sup>3</sup> /hr |     | Price £ |
|--------------|------|------------------------------|-----|---------|
|              |      | Max                          | Nom |         |
| 36-15-85E    | 80   | 150                          | 90  | 375.00  |
| 36-15105E    | 100  | 250                          | 125 | 450.00  |
| 36-15160E    | 150  | 500                          | 250 | 647.90  |

**IRRIGATION & AGRICULTURE WATER METER MODEL WMR**



| Catalogue No | Size | Flow Rate m <sup>3</sup> /hr |     | Price £ | Box Qty |
|--------------|------|------------------------------|-----|---------|---------|
|              |      | Max                          | Nom |         |         |
| 36-16-50     | 2"   | 40                           | 20  | 239.80  | 4       |
| 36-17-50     | 2"   | 40                           | 20  | 292.80  | 4       |

36-17-50 C/W Electrical Output Pulse Per 10L

**ALL WATER METERS SHOULD BE INSTALLED HORIZONTALLY**



**BERMAD M10**

**NEW**

**LIGHTWEIGHT COMPOSITE ELECTROMAGNETIC FLOWMETER**



- Long lasting stability and precision, no filter needed,
- Zero maintenance
- Nominal Pressure 16 bar
- Outputs: 2 passive outputs (1 programmable), SSR Type (dry contact)
- Reliable Ultra low power Bluetooth communication with phone App
- Battery powered up to 10 years or 12 V DC
- Mag-Net app available on App Store and Google Play

| Catalogue No | Size     | Connection | Price £ |
|--------------|----------|------------|---------|
| 36B050GR     | 2" DN50  | Grooved    | 808.50  |
| 36B075GR     | 3" DN80  | Grooved    | 1050.00 |
| 36B100GR     | 4" DN100 | Grooved    | 1365.00 |
| 36B150GR     | 6" DN150 | Grooved    | POA     |

Flange Kit available on request

## VALVE BOXES AND EXTENSIONS

### ECONOMY TURF BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38-00-05     | Box         | 4.20    |
| 38-05-05     | Spare Lid   | 2.00    |

### 10" CIRCULAR BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38-00-10     | Box         | 8.00    |
| 38-05-10     | Spare Lid   | 3.60    |

### 12" STANDARD BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38-00-12     | Box         | 25.30   |
| 38-01-12     | Extension   | 24.30   |
| 38-05-12     | Spare Lid   | 10.70   |

### JUMBO BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38-00-20     | Box         | 45.30   |
| 38-01-20     | Extension   | 32.80   |
| 38-05-20     | Spare Lid   | 20.60   |

## DURA VALVE BOXES

### 6" ROUND BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38D00-05     | Box         | 6.10    |
| 38D05-05     | Spare Lid   | 2.40    |

### 10" ROUND BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38D00-10     | Box         | 20.40   |
| 38D05-10     | Spare Lid   | 7.10    |

### STANDARD BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38D00-12     | Box         | 36.70   |
| 38D01-12     | Extension   | 28.30   |
| 38D05-12     | Spare Lid   | 13.50   |

### JUMBO BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38D00-20     | Box         | 65.00   |
| 38D01-20     | Extension   | 46.00   |
| 38D05-20     | Spare Lid   | 25.60   |

## CARSON VALVE BOXES

### 6" ROUND BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38C00-05     | Box         | 18.00   |
| 38C05-05     | Spare Lid   | 8.00    |

### 10" ROUND BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38C00-10     | Box         | 24.90   |
| 38C05-10     | Spare Lid   | 9.50    |

### STANDARD VALVE BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38C00-12     | Box         | 54.90   |
| 38C01-12     | Extension   | 35.20   |
| 38C05-12     | Spare Lid   | 21.00   |

### JUMBO VALVE BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38C00-20     | Box         | 74.80   |
| 38C01-20     | Extension   | 53.90   |
| 38C05-20     | Spare Lid   | 31.30   |

## DIMENSIONS

| Model              | Base mm | Top mm  | Height mm |
|--------------------|---------|---------|-----------|
| 6" Round           | 191     | 156     | 227       |
| 10" Round          | 292     | 254     | 260       |
| Standard           | 406x533 | 305x432 | 311       |
| Jumbo              | 487x654 | 375x544 | 305       |
| Standard Extension | 302x479 | 302x432 | 171       |
| Jumbo Extension    | 370x520 | 370x520 | 165       |

## VANDAL RESISTANT METAL VALVE BOX LIDS



| Catalogue No | Description        | Price £ |
|--------------|--------------------|---------|
| 38C05M12     | Standard metal lid | 209.30  |
| 38C05M20     | Jumbo metal lid    | 251.20  |
| 38C10M00     | Key                | 17.60   |

## HYDRANT VALVE BOX



| Catalogue No | Description | Price £ |
|--------------|-------------|---------|
| 38T00-50     | Box         | 33.00   |

Comes with 3/4" valve fitted with quick release connector