

## Peterson Pipe Valve Selection Guide

| TOE BOARD<br>HOLE<br>DIAMETER | WIND PRESSURE    |                  |                   |                  |                  |                  |                  |                  |                  |                  |                  |
|-------------------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                               | 65mm<br>2.5"     | 77mm<br>3"       | 90mm<br>3.5"      | 102mm<br>4"      | 115mm<br>4.5"    | 127mm<br>5"      | 140mm<br>5.5"    | 153mm<br>6"      | 166mm<br>6.5"    | 178mm<br>7"      | 191mm<br>7.5"    |
| Up to 1/4"                    | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"    | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"   | 60 Ohm<br>5/8"   | 60 Ohm<br>5/8"   | 60 Ohm<br>5/8"   |
| 5/16" to 3/8"                 | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"    | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"   | 90 Ohm<br>5/8"   | 60 Ohm<br>5/8"   | 60 Ohm<br>5/8"   | 60 Ohm<br>5/8"   | 60 Ohm<br>5/8"   |
| 7/16" to 1/2"                 | 90 Ohm<br>3/4"   | 90 Ohm<br>3/4"   | 90 Ohm<br>3/4"    | 90 Ohm<br>3/4"   | 60 Ohm<br>3/4"   | 60 Ohm<br>3/4"   | 60 Ohm<br>3/4"   | 60 Ohm<br>3/4"   | 60 Ohm<br>3/4"   | 60 Ohm<br>3/4"   | 60 Ohm<br>3/4"   |
| 9/16" to 5/8"                 | 90 Ohm<br>7/8"   | 90 Ohm<br>7/8"   | 90 Ohm<br>7/8"    | 60 Ohm<br>7/8"   | 60 Ohm<br>7/8"   | 60 Ohm<br>7/8"   | 60 Ohm<br>7/8"   | 60 Ohm<br>7/8"   | 50 Ohm<br>7/8"   | 50 Ohm<br>7/8"   | 50 Ohm<br>7/8"   |
| 11/16" to 3/4"                | 90 Ohm<br>1"     | 90 Ohm<br>1"     | 60 Ohm<br>1"      | 60 Ohm<br>1"     | 60 Ohm<br>1"     | 50 Ohm<br>1"     | 50 Ohm<br>1"     | 50 Ohm<br>1"     | 40 Ohm<br>1"     | 40 Ohm<br>1"     | 40 Ohm<br>1"     |
| 13/16" to 7/8"                | 60 Ohm<br>1-1/8" | 60 Ohm<br>1-1/8" | 60 Ohm<br>1-1/8"  | 50 Ohm<br>1-1/8" | 50 Ohm<br>1-1/8" | 40 Ohm<br>1-1/8" | 40 Ohm<br>1-1/8" | 40 Ohm<br>1-1/8" | 40 Ohm<br>1-1/8" | 40 Ohm<br>1-1/8" | 40 Ohm<br>1-1/8" |
| 15/16" to 1"                  | 50 Ohm<br>1-3/8" | 50 Ohm<br>1-3/8" | 50 Ohms<br>1-3/8" | 40 Ohm<br>1-3/8" | 40 Ohm<br>1-3/8" | 40 Ohm<br>1-3/8" | 40 Ohm<br>1-3/8" | 40 Ohm<br>1-3/8" | 40 Ohm<br>1-3/8" | 40 Ohm<br>1-3/8" | 40 Ohm<br>1-3/8" |
| 1-1/16" to 1-1/8"             | 50 Ohm<br>1-3/8" | 50 Ohm<br>1-3/8" | 40 Ohm<br>1-3/8"  | 40 Ohm<br>1-3/8" |                  |                  |                  |                  |                  |                  |                  |
| 1-3/16" to 1-1/4"             | 40 Ohm<br>1-1/2" | 40 Ohm<br>1-1/2" | 40 Ohm<br>1-1/2"  | 40 Ohm<br>1-1/2" |                  |                  |                  |                  |                  |                  |                  |

| PIPE VALVES        |                    |                |  |                    |                    |                |
|--------------------|--------------------|----------------|--|--------------------|--------------------|----------------|
| AVAILABLE SIZES    |                    |                |  |                    |                    |                |
| Coil<br>Resistance | Pallet<br>Diameter | Part<br>Number |  | Coil<br>Resistance | Pallet<br>Diameter | Part<br>Number |
| 40 Ohms            | 5/8"               | 403342C        |  | 60 Ohms            | 5/8"               | 403345C        |
| 40 Ohms            | 3/4"               | 403341C        |  | 60 Ohms            | 3/4"               | 403344C        |
| 40 Ohms            | 7/8"               | 403360C        |  | 60 Ohms            | 7/8"               | 403361C        |
| 40 Ohms            | 1"                 | 403375C        |  | 60 Ohms            | 1"                 | 403376C        |
| 40 Ohms            | 1-1/8"             | 403340C        |  | 60 Ohms            | 1-1/8"             | 403343C        |
| 40 Ohms            | 1-1/4"             | 403378C        |  | 60 Ohms            | 1-1/4"             | 403379C        |
|                    |                    |                |  |                    |                    |                |
| 50 Ohms            | 5/8"               | 403349C        |  | 90 Ohms            | 5/8"               | 403348C        |
| 50 Ohms            | 3/4"               | 403350C        |  | 90 Ohms            | 3/4"               | 403347C        |
| 50 Ohms            | 7/8"               | 403351C        |  | 90 Ohms            | 7/8"               | 403362C        |
| 50 Ohms            | 1"                 | 403352C        |  | 90 Ohms            | 1"                 | 403377C        |
| 50 Ohms            | 1-1/8"             | 403353C        |  | 90 Ohms            | 1-1/8"             | 403346C        |
| 50 Ohms            | 1-1/4"             | 403354C        |  | 90 Ohms            | 1-1/4"             | 403380C        |

| SUPERVALVES        |                    |                |
|--------------------|--------------------|----------------|
| AVAILABLE SIZES    |                    |                |
| Coil<br>Resistance | Pallet<br>Diameter | Part<br>Number |
| 40                 | 1-3/8"             | 403743C        |
| 40                 | 1-1/2"             | 403745C        |

| ALL-ELECTRIC PRIMARIES  |                    |                |
|---|--------------------|----------------|
| (Please specify left side, right side, or front tab as viewed from the hinged end, above) |                    |                |
| Coil<br>Resistance  | Pallet<br>Diameter | Part<br>Number |
| 40 Ohms   |                    | 404018C        |
| 50 Ohms   |                    | 404019C        |
| 60 Ohms   |                    | 404017C        |
| 90 Ohms   |                    | 404016C        |

**IMPORTANT NOTE :** Operating voltage = 12 VDC at the pipe valve (14 volts at the rectifier tap). Solid state switching systems may drop 1 to 2 volts internally so these recommendations assume 14 volts at the rectifier which equals 12 volts at the pipe valve.