



**NOTE:** Not all possible part number combinations are available. Please contact Valex for availability.

PCW VALVE PART NUMBER MATRIX																																																									
<b>P - SHC 77 LL 72 FX - B</b>																																																									
<p><b>Valve Series</b> P = Process Cooling Water</p> <p><b>Assembly Pattern</b> STR = straight DHC = double horizontal cross SHC = single horizontal cross DSS = double single sided DVT = double vertical tee DHT = double horizontal tee</p> <p><b>Main Line Size</b></p> <table border="0"> <thead> <tr> <th>NPS Pipe</th> <th>ASTM Tube</th> </tr> </thead> <tbody> <tr><td>70 = DN 15 Pipe (NPS 1/2)</td><td>08 = 1/2"</td></tr> <tr><td>71 = DN 20 Pipe (NPS 3/4)</td><td>12 = 3/4"</td></tr> <tr><td>72 = DN 25 Pipe (NPS 1)</td><td>16 = 1"</td></tr> <tr><td>73 = DN 32 Pipe (NPS 1-1/4)</td><td>24 = 1-1/2"</td></tr> <tr><td>74 = DN 40 Pipe (NPS 1-1/2)</td><td>32 = 2"</td></tr> <tr><td>75 = DN 50 Pipe (NPS 2)</td><td>40 = 2-1/2"</td></tr> <tr><td>76 = DN 65 Pipe (NPS 2-1/2)</td><td>48 = 3"</td></tr> <tr><td>77 = DN 80 Pipe (NPS 3)</td><td>64 = 4"</td></tr> <tr><td>78 = DN 90 Pipe (NPS 3-1/2)</td><td>96 = 6"</td></tr> <tr><td>79 = DN 100 Pipe (NPS 4)</td><td></td></tr> <tr><td>80 = DN 125 Pipe (NPS 5)</td><td></td></tr> <tr><td>81 = DN 150 Pipe (NPS 6)</td><td></td></tr> <tr><td>82 = DN 200 Pipe (NPS 8)</td><td></td></tr> </tbody> </table> <p><b>Main Line End Connection</b> LL = NPS Sch 10 Pipe w/ Square Ends, Inlet and Outlet MM = Tube Butt weld Inlet and Outlet CC = Compression Fitting Inlet and Outlet FF = Class 150 Flange Inlet and Outlet SS = NPT Pipe Socket Weld Inlet and Outlet TT = NPT Female Pipe Thread Inlet and Outlet LF = NPS Sch 10 Pipe Inlet w/ Square End, Class 150 Flange Outlet LT = NPS Sch 10 Pipe Inlet w/ Square End, NPT Female Pipe Thread Outlet LS = NPS Sch 10 Pipe Inlet w/ Square End, NPT Pipe Socket Weld Outlet LC = NPS Sch 10 Pipe Inlet, Compression Fitting Outlet MF = Tube Butt weld Inlet, Class 150 Flange Outlet MT = Tube Butt weld Inlet, NPT Female Pipe Thread Outlet MS = Tube Butt weld Inlet, NPT Pipe Socket Weld Outlet MC = Tube Butt weld Inlet, Compression Fitting Outlet</p>	NPS Pipe	ASTM Tube	70 = DN 15 Pipe (NPS 1/2)	08 = 1/2"	71 = DN 20 Pipe (NPS 3/4)	12 = 3/4"	72 = DN 25 Pipe (NPS 1)	16 = 1"	73 = DN 32 Pipe (NPS 1-1/4)	24 = 1-1/2"	74 = DN 40 Pipe (NPS 1-1/2)	32 = 2"	75 = DN 50 Pipe (NPS 2)	40 = 2-1/2"	76 = DN 65 Pipe (NPS 2-1/2)	48 = 3"	77 = DN 80 Pipe (NPS 3)	64 = 4"	78 = DN 90 Pipe (NPS 3-1/2)	96 = 6"	79 = DN 100 Pipe (NPS 4)		80 = DN 125 Pipe (NPS 5)		81 = DN 150 Pipe (NPS 6)		82 = DN 200 Pipe (NPS 8)		<p><b>Handle Sleeve Color</b> 0 = N/A B = blue 1 = Oval Handle Blue</p> <p><b>Connection On Branch Valve(s)</b> XX = No Branch Valve LX = NPS Sch 10 Pipe, Square End MX = Tube Butt weld FX = Class 150 Flange TX = NPT Female Pipe Thread SX = NPT Pipe Socket Weld PX = Capped Compression Fitting</p> <p><b>Branch Valve Size</b></p> <table border="0"> <thead> <tr> <th>NPS Pipe</th> <th>ASTM Tube</th> </tr> </thead> <tbody> <tr><td>XX = No Branch Valve(s)</td><td>08 = 1/2"</td></tr> <tr><td>70 = DN 15 Pipe (NPS 1/2)</td><td>12 = 3/4"</td></tr> <tr><td>71 = DN 20 Pipe (NPS 3/4)</td><td>16 = 1"</td></tr> <tr><td>72 = DN 25 Pipe (NPS 1)</td><td>24 = 1-1/2"</td></tr> <tr><td>73 = DN 32 Pipe (NPS 1-1/4)</td><td>32 = 2"</td></tr> <tr><td>74 = DN 40 Pipe (NPS 1-1/2)</td><td>40 = 2-1/2"</td></tr> <tr><td>75 = DN 50 Pipe (NPS 2)</td><td>48 = 3"</td></tr> <tr><td>76 = DN 65 Pipe (NPS 2-1/2)</td><td>64 = 4"</td></tr> <tr><td>77 = DN 80 Pipe (NPS 3)</td><td>96 = 6"</td></tr> <tr><td>78 = DN 90 Pipe (NPS 3-1/2)</td><td></td></tr> <tr><td>79 = DN 100 Pipe (NPS 4)</td><td></td></tr> <tr><td>80 = DN 125 Pipe (NPS 5)</td><td></td></tr> <tr><td>81 = DN 150 Pipe (NPS 6)</td><td></td></tr> </tbody> </table>	NPS Pipe	ASTM Tube	XX = No Branch Valve(s)	08 = 1/2"	70 = DN 15 Pipe (NPS 1/2)	12 = 3/4"	71 = DN 20 Pipe (NPS 3/4)	16 = 1"	72 = DN 25 Pipe (NPS 1)	24 = 1-1/2"	73 = DN 32 Pipe (NPS 1-1/4)	32 = 2"	74 = DN 40 Pipe (NPS 1-1/2)	40 = 2-1/2"	75 = DN 50 Pipe (NPS 2)	48 = 3"	76 = DN 65 Pipe (NPS 2-1/2)	64 = 4"	77 = DN 80 Pipe (NPS 3)	96 = 6"	78 = DN 90 Pipe (NPS 3-1/2)		79 = DN 100 Pipe (NPS 4)		80 = DN 125 Pipe (NPS 5)		81 = DN 150 Pipe (NPS 6)	
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