

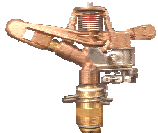
1/2" – 1" Part & Full Circle Brass Impact Sprinklers

4NDP8, 4NDP5, 4NDP7, 4NDP6

Read carefully before attempting to assemble, install, operate, or maintain the products described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference. For best results, consult a professional landscape irrigation contractor before attempting to install. Be sure to follow all local building codes and water regulations.

<p>PRIMARY APPLICATION: Riser-mounted impact sprinklers are used for slope or large, non-turf-area applications. These sprinklers may be part of a permanent system installed above ground, or be used on a temporary portable base or spike. Automatic timers, automatic and manual valves, quick coupler valves, and keys can be used with your system.</p>	<p>UNPACKING: Inspect product for loose, missing or damaged parts. Do not use product any if any of the above situations apply.</p>	<p>CAUTION: Non-potable water is not for drinking or bathing purposes and its use for irrigation may require a specially marked locking cover.</p>
<p>INSTALLATION:</p> <ol style="list-style-type: none"> 1. A minimum of 25-35 PSI is needed to operate properly. 2. Sprinklers are equipped with a 1/2" to 1" inch male pipe thread and may be screwed into iron, copper, or PVC fittings. 3. Installing too many sprinklers on one line will result in a pressure loss causing sprinklers not to function properly. 4. A proper back flow prevention device is strongly recommended. Follow all local codes and regulations. 5. Water lines must be free of dirt, debris, and any other obstruction before sprinklers are installed in the fittings. Be sure to flush out the water lines and system properly. 6. Pressure test the system after sprinklers are installed and check for leaks. 	<p>TROUBLESHOOTING:</p> <p>Sprinkler will not rotate:</p> <ol style="list-style-type: none"> 1. Low pressure.....Check for adequate pressure 2. Obstruction.....Flush system/clean 3. Worn seals.....Replace seals <p>Improper coverage:</p> <ol style="list-style-type: none"> 1. Poor planning.....Check system design 2. Improper adjustment of deflector.....Adjust properly <p><i>Note: For narrow spray patterns, set collars closer. For larger spray patterns, open collars for desired coverage.</i></p> <p>Sprinkler will not reverse or trip:</p> <ol style="list-style-type: none"> 1. Loose or bent trips.....Check trip mechanism 2. Low pressure.....Check pressure 	<p>MAINTENANCE:</p> <ol style="list-style-type: none"> 1. Do not use oil or grease to lubricate moving parts as this will cause the sprinkler to operate improperly. 2. Keep the sprinkler rotation path and spray flow free from interference of growing grass, weeds, or other plants. 3. Check your system periodically for radius and arc adjustments.

4NDP8 - 3/4" Adjustable



6.25" x 6" x 6"

Nozzle PSI	3/16" GPM RADIUS	
25	4.8	40
30	5.3	40
35	5.8	41
40	6.2	41
45	6.6	42
50	7.0	43

4NDP5 - 1/2"



4.45" x 4.0" x 4.25"

Nozzle PSI	5/32" GPM RADIUS	
25	3.4	38
30	3.8	39
35	4.1	39
40	4.4	40
45	4.7	40
50	5.0	41

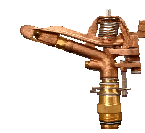
4NDP7 - 3/4"



5.2" x 5.25" x 5.75"

Nozzle PSI	3/16" x Plug GPM RADIUS	
25	6.2	42
30	6.8	44
35	7.4	46
40	8.0	47
45	8.5	48
50	9.0	48
55	9.5	49
60	9.9	50

4NDP6 - 1"



7.8" x 7.25" x 8.75"

Nozzle PSI	1/4"x7/32" GPM RADIUS	
35	19	54
40	20	56
45	21	58
50	22	61
60	24	64
70	26	68
80	28	71