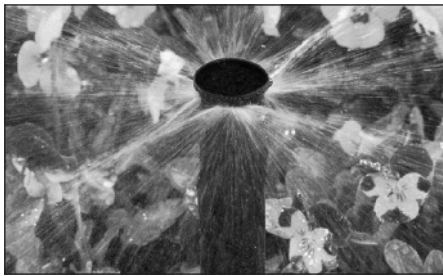


### Rain Bird® XPCN Series Xeri Pressure Compensating Nozzles and Poly Flex Riser Adapter

#### The Smart Solution for Smaller Spaces

Rain Bird's new flush-mount XPCN Series Pressure Compensating Nozzle is the most precise and efficient, commercial-grade, low-volume spray solution for irrigation of small areas with dense plantings. The XPCN looks like any MPR nozzle and installs on most common spray heads. It adjusts from 2.5' square to 4' square pattern in a single click.



#### Pressure Compensating/ Commercial Grade

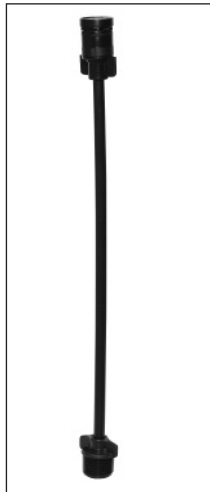
Unlike conventional micro-sprays, Rain Bird's patent-pending XPCN is pressure compensating, commercial grade, and virtually mist-free – even at the maximum operating pressure. This ensures optimum coverage for non-turf applications from 20 to 50 psi.

#### One Nozzle...Two Throws

The XPCN is the only edge to edge capable nozzle on the market delivering superior soil moisture content and uniformity. The patent-pending design provides the designer and the installer with the option of 2.5' or 4' throws in a quarter, half or full square pattern. The XPCN threads onto any standard 1/2" MPT connection or, for added versatility, use the patent-pending PFR Adapter.

#### XPCN Features

- Commercial-grade pressure compensating nozzle
- Available in 3 models
  - XPCN-QTR – Quarter pattern (90° square)
  - XPCN-HLF – Half pattern (180° square)
  - XPCN-FUL – Full pattern (360° square).
- Compatible with all 1800® Series, Xeri-Pop Series, PFR Adapter, UNI-Spray Series and SCH 80 risers.
- Shipped with blue filter screen (.02 x .02) to maintain precise throw and prevent clogging.
- Virtual no-mist performance from 20 to 50 psi.
- 2 throw distance options in each nozzle. One click lets you adjust from 2.5' to 4' (0,8m to 1,2m).
- Poly Flex Riser Adapter sold with either 12" or 24" Poly Flex Riser.
- Patent-pending.



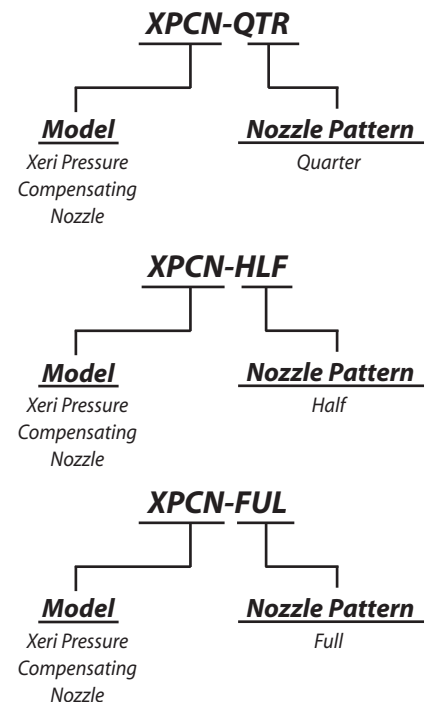
XPCN installed on a Poly Flex Riser Assembly using PFR Adapter



XPCN Poly Flex Riser Adapter



#### How to Specify/Order:





## Specifications

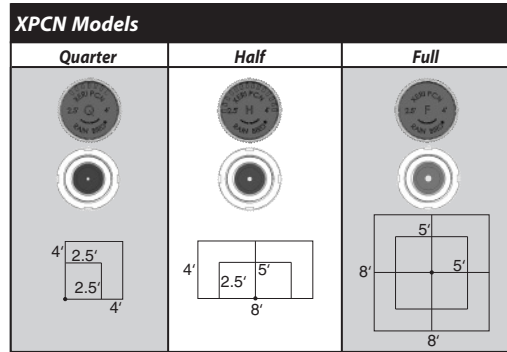
### XPCN Series Xeri Pressure Compensating Nozzle

The nozzle shall have matched precipitation rates for each model. The nozzle shall be capable of covering a \_\_\_\_\_(ft.)/(meter) radius at \_\_\_\_\_(psi)/(bars) with a discharge rate of \_\_\_\_\_(GPM)/(m<sup>3</sup>/h).

The XPCN is intended for use with the 1800 Series, Xeri-Pop Series, PFR Adapter, UNI-Spray Series or SCH 80 risers. The XPCN is constructed of UV resistant ABS plastic. The XPCN shall be pressure compensating and factory manufactured by Rain Bird Corporation, Azusa, CA.

### The Poly Flex Riser Adapter

The Poly Flex Riser Adapter shall be molded of ABS plastic material. The PFR Adapter shall be designed to fit onto either a 12" or 24" Poly Flex Riser Assembly.



XPCN Performance				
2.5 feet throw @ 6" height above grade				
Nozzle	Pressure psi	Throw Radius ft.	Flow GPH	Precip. Rate w/no overlap in/h
<b>Q</b>	20	2.5	6.4	1.64
	30	2.5	7.4	1.90
	40	3.0	7.4	1.32
	50	3.0	7.4	1.32
<b>H</b>	20	2.5	10.2	1.31
	30	2.5	12.2	1.57
	40	3.0	13.7	1.22
	50	3.0	13.7	1.22
<b>F</b>	20	2.5	20.0	1.28
	30	2.5	24.2	1.55
	40	3.0	27.3	1.22
	50	3.0	27.3	1.22

XPCN Performance				
0,8 m throw @ 0,15 m height above grade				METRIC
Nozzle	Pressure bars	Throw Radius m.	Flow LPH	Precip. Rate w/no overlap mm/h
<b>Q</b>	1,4	0,8	24	42
	2,1	0,8	28	48
	2,8	0,9	28	34
	3,4	0,9	28	34
<b>H</b>	1,4	0,8	39	33
	2,1	0,8	46	40
	2,8	0,9	52	31
	3,4	0,9	52	31
<b>F</b>	1,4	0,8	76	33
	2,1	0,8	92	39
	2,8	0,9	103	31
	3,4	0,9	103	31

XPCN Performance				
4 feet throw @ 6" height above grade				
Nozzle	Pressure psi	Throw Radius ft.	Flow GPH	Precip. Rate w/no overlap in/h
<b>Q</b>	20	4.0	6.4	0.64
	30	4.0	7.4	0.74
	40	4.5	7.4	0.59
	50	4.5	7.4	0.59
<b>H</b>	20	4.0	10.2	0.51
	30	4.0	12.2	0.61
	40	4.5	13.7	0.54
	50	4.5	13.7	0.54
<b>F</b>	20	4.0	20.0	0.50
	30	4.0	24.2	0.61
	40	4.5	27.3	0.54
	50	4.5	27.3	0.54

XPCN Performance				
1,2 m throw @ 0,15 m height above grade				METRIC
Nozzle	Pressure bars	Throw Radius m.	Flow LPH	Precip. Rate w/no overlap mm/h
<b>Q</b>	1,4	1,2	6	16
	2,1	1,2	7	19
	2,8	1,4	7	15
	3,4	1,4	7	15
<b>H</b>	1,4	1,2	10	13
	2,1	1,2	12	16
	2,8	1,4	14	14
	3,4	1,4	14	14
<b>F</b>	1,4	1,2	20	13
	2,1	1,2	24	15
	2,8	1,4	27	14
	3,4	1,4	27	14

Performance data taken in zero wind conditions.

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www.rainbird.com

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