

Xeri-Pressure Compensating Nozzle

The most precise and efficient, low-volume spray solution for irrigation of small areas with dense plantings.

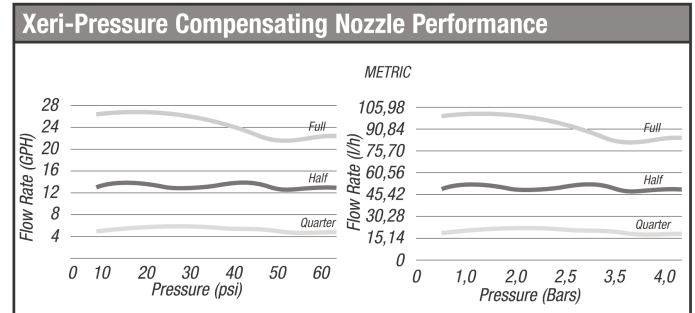
- Pressure compensation and square spray pattern offer increased efficiency and control, reducing overspray, property damage and liability.
- Unique edge to edge capability reduces the number of nozzles needed, which decreases cost and dramatically reduces installation time.
- Simplify design and installation with the flexibility of applications—one nozzle throws 2.5' or 4' (0,8 m or 1,2 m) and can be used on a variety of spray heads and risers.

Features

- Pressure compensation design delivers uniform flow over the pressure range.
- Available in 3 models—Quarter, Half and Full patterns with matched precipitation rate.
- Square spray pattern with edge-to-edge coverage allows you to easily design and install in small spaces.
- Compatible with all 1800 Sprays, Xeri-Pops, New PolyFlex Riser Adapter, UNI-Spray and SCH 80 risers.
- Virtual no-mist performance from 20 psi to 50 psi.
- 2 throw distances in each nozzle. One simple click lets you adjust from 2.5' to 4' (0,8 m or 1,2 m).
- PolyFlex Riser adapter sold with either 12" or 24" PolyFlex Riser.
- 100 mesh filtration required.

Operating Range

- Pressure: 20 to 50 psi (1,4 to 3,5 bars)
- Flow Rates: 6, 12 and 24 GPH (22,7, 45,4 and 90,8 l/h)
- Required Filtration: 100 mesh (150 micron)



Ordering Information		
Model #	Product Description	Ctn. Qty.
XPCNQTR	Xeri-Pressure Compensating Nozzle, Quarter Pattern	25
XPCNHLF	Xeri-Pressure Compensating Nozzle, Half Pattern	25
XPCNFUL	Xeri-Pressure Compensating Nozzle, Full Pattern	25
XPCNADP12	Xeri-Pressure Compensating Adapter w/ 12" PolyFlex Riser	25
XPCNADP24	Xeri-Pressure compensating Adapter w/ 24" PolyFlex Riser	25

RAIN BIRD

Rain Bird Xeri-Pressure Compensating Nozzles

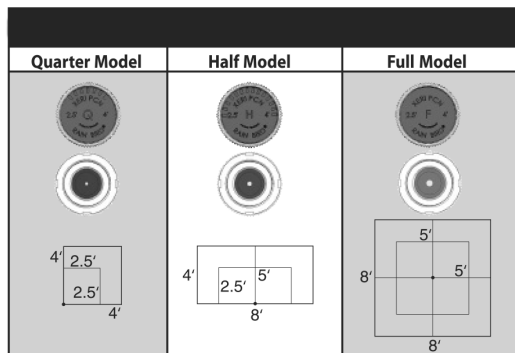
Xeri-Pressure Compensating Nozzle Performance				
2.5 feet throw @ 6" height above grade				
Nozzle	Pressure psi	Throw Radius ft.	Flow GPH	Precip. Rate w/no overlap in/h
Q	20	2.5	6.4	1.64
	30	2.5	7.4	1.90
	40	3.0	7.4	1.32
	50	3.0	7.4	1.32
H	20	2.5	10.2	1.31
	30	2.5	12.2	1.57
	40	3.0	13.7	1.22
	50	3.0	13.7	1.22
F	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

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

Xeri-Pressure Compensating Nozzle Performance				
4 feet throw @ 6" height above grade				
Nozzle	Pressure psi	Throw Radius ft.	Flow GPH	Precip. Rate w/no overlap in/h
Q	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
H	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
F	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

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

Performance data taken in zero wind conditions.



Notes: Packaged with Rain Bird blue fine mesh drop-in filter screen. Product is designed for 6" height. Operating height will affect throw distance.