

CONTROL ZONES

1" CONTROL ZONE
1" Valve, 1" Wide Range Pressure Regulator and 1" Screen Filter

APPLICATIONS

- Designed for all dripline, point source and micro-spray zones
- Residential or commercial landscape irrigation applications
- For zones between 0.5 and 30 GPM

SPECIFICATIONS

- Flow Range: 0.5 - 30 GPM
- Regulated pressure: 50 psi
- Maximum pressure: 140 psi
- Screen Filter mesh: 155

SERIES 80 VALVE MATERIALS:

- Glass reinforced polyamide body, bonnet and seat; Buna-N rubber diaphragm; Stainless steel 304 nuts, bolts and washer; Stainless Steel ANSI 302 spring

SCREEN FILTER MATERIALS:

- Polypropylene body; nylon screen; EPDM rubber o-rings

WIDE RANGE PRESSURE REGULATOR (WRPR) MATERIALS:

- ABS Plastic body/valve; PVC threads; stainless steel spring; EPDM diaphragm

FEATURES & BENEFITS

LOWEST PRESSURE LOSS IN THE INDUSTRY

Get more zone control for your money with smaller units and less units required for higher flows.

100% COMPATIBLE WITH ALL 2-WIRE CONTROLLERS

Save installation costs and get peace of mind with this completely 2-Wire compatible model. Inrush and holding currents are 50-60% lower than the industry average allowing the industry's longest wire runs from valve to controller.

EFFICIENT FILTRATION

Nylon screen collects debris for efficient filtration and non-corrosive materials are resistant to chemicals and fertilizers.

IDEAL DRIP ZONE PRESSURE REGULATION

Achieve maximum hydraulic performance with higher pressure outputs designed to deliver the longest run lengths.

1" CONTROL ZONE WITH VALVE



1" SERIES 80 GLOBE ELECTRIC CONTROL VALVE

1" SCREEN FILTER

1" WIDE RANGE PRESSURE REGULATOR

NEW FEATURES!

1" SERIES 80 GLOBE ELECTRIC CONTROL VALVE



1" CONTROL ZONE WITHOUT VALVE



1" SCREEN FILTER

1" WIDE RANGE PRESSURE REGULATOR

MANUAL SELECTOR

MANUAL
Handle Turned To Right

AUTO
Handle Turned To Left



ENCAPSULATED SOLENOID

DIMENSIONS & WEIGHT

	1" CONTROL ZONE WITH VALVE	1" CONTROL ZONE WITHOUT VALVE
LENGTH	13 1/4"	9 7/8"
HEIGHT	7 3/8"	7 3/8"
WIDTH	3 1/8"	3 1/8"
WEIGHT	1.55 lbs.	0.88 lbs.



FLOW RATE VS. PRESSURE

APPLICATION	FLOW RATE (GPM)	1" CONTROL ZONE		
		WITH VALVE	WITHOUT VALVE	REGULATED OUTLET PRESSURE (psi)
		MINIMUM INLET PRESSURE (psi) TO ACHIEVE REGULATED OUTLET PRESSURE		
RESIDENTIAL AND COMMERCIAL	0.5	56	55	55
	1	56	55	53
	5	56	54	52
	10	58	55	50
	15	60	57	50
	20	65	61	48
	25	65	61	46
	30	70	64	46



ORDERING INFORMATION

DESCRIPTION	MODEL NUMBER
1" VALVE WITH 1" WIDE RANGE PRESSURE REGULATOR AND 1" SCREEN FILTER	NCZ-1S
1" WIDE RANGE PRESSURE REGULATOR, 1" SCREEN FILTER, NO VALVE	NCZ-NV1S

CONNECTIONS

COMPONENT	CONNECTION
VALVE	1" FPT INLET/OUTLET
SCREEN FILTER	1" MPT INLET/OUTLET
WRPR PRESSURE REGULATOR	1" FPT INLET/OUTLET

FPT = Female Pipe Thread
MPT = Male Pipe Thread



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