

NELSON®



Coupling nuts on the pipe



Fittings for the inlet/outlet of the valve are installed, 11 different fitting combinations to choose from!



Valve is in place ready to be connected



Coupling nuts are threaded onto the inlet and outlet of the valve

EZ CONNECT Valves

Nelson EZ Connect 9501 series valves offer models ideal for all residential and commercial applications. Unions incorporated onto the valve gives ultimate flexibility for every job.

Available with $\frac{3}{4}$ " or 1" threaded (male or female), barb or slip fittings. All models feature a glass reinforced nylon body and bonnet, high grade PVC coupling nuts and fittings, one-piece fabric reinforced diaphragm and fully encapsulated solenoid. With the variety of options available, the 9501 series valves are a perfect choice for any application.

9501*

- Flow range: Less than 1 to 30 gpm
- Size: $4\frac{1}{2}$ "L x $2\frac{3}{4}$ "W x $5\frac{1}{4}$ "H (valve body only)
- Flow control: NO
- 20 per box

9501FC*

- Flow range: Less than 1 to 30 gpm
- Size: $4\frac{1}{2}$ "L x $2\frac{3}{4}$ "W x $5\frac{1}{4}$ "H (valve body only)
- Flow control: YES
- 20 per box

* Requires 2 fittings from below

Fittings

$\frac{3}{4}$ "

9501-075BM
9501-075BR
9501-075NF
9501-075NM
9501-075S

40 per box

1"

9501-100BF
9501-100BM
9501-100BR
9501-100NF
9501-100NM
9501-100S

40 per box

Reading model #'s:
BF=BSP female
BM= BSP male
BR=Barb
NF=NPT female
NM=NPT male
S=Slip

$\frac{3}{4}$ ", 1"

EZ CONNECT **Valves**

Features

9501 series

Minimum pressure 10 PSI
Maximum pressure 150 PSI
Input 24 volts
Inrush current 0.50 amps
Holding current 0.23 amps

Easy-to-use **flow control**

permits manual adjustment of
water flow rate (does not apply
to model 9501)

Bayonet-mounted bonnet

with captured diaphragm for quick
and easy servicing

Manual internal bleed keeps valve box dry

One-piece fabric reinforced diaphragm for
increased durability

One-piece fully encapsulated

glass filled nylon solenoid with
a stainless steel plunger. Plunger is captured
with removable retainer for easy cleaning

Manual bleed by rotating solenoid approxi-
mately $\frac{3}{4}$ of a turn counterclockwise

Body and bonnet made of glass reinforced
nylon to prevent leaks and breaks

High-grade PVC unions located on the inlet
and outlet allow maximum versatility of pipe
size ($\frac{3}{4}$ " and/or 1") and numerous
combinations. Installation and removal
of the valve is a breeze!

Directly compatible with SoloRain™ series of
battery-operated actuators

Five year warranty on materials and
workmanship on the valve. Two year warranty
on materials and workmanship on the solenoid

9501-075 Series (3/4" Fittings)

Flow	Pressure Loss	Flow	Pressure Loss	Flow	Pressure Loss
GPM	PSI	L/min	kPa	M³HR	BAR
1	2.5	3.8	17	0.23	0.17
5	2.7	18.9	18.6	1.14	0.18
10	3.7	37.9	25.5	2.27	0.25
15	4.5	56.8	31	3.41	0.30
20	5.0	75.7	34.5	4.54	0.34

9501-100 Series (1" Fittings)

Flow	Pressure Loss	Flow	Pressure Loss	Flow	Pressure Loss
GPM	PSI	L/min	kPa	M³HR	BAR
1	3.0	3.8	20.7	0.23	0.20
5	2.7	18.9	18.6	1.14	0.18
10	2.5	37.9	17.3	2.27	0.17
15	2.5	56.8	17.3	3.41	0.17
20	3.5	75.7	24.0	4.54	0.24
25	4.5	94.6	31.0	5.68	0.31
30	6.5	113.6	44.8	6.81	0.44