

Condizioni operative

Pressione: min 1.0 bar - max 12 bar

Temperatura: min +4°C - max 70°C

Portata: min 20 l/min - max 50 l/min

Operating conditions

Pressure: min 1.0 bar - max 12.0 bar

Temperature: +4° C - 70° C

Flow rate: from 20 l/min to 50 l/min

Caratteristiche tecniche

Fibra vetro PA 6 30%

Membrana in parti co-stampata per una miglior tenuta in chiusura

Astina in acciaio autopulente

Molla della membrana in acciaio con azione progressiva

PN12 testato pezzo per pezzo a 14 bar

Apertura manuale ON/OFF

Technical features

PA 6 30% fiberglass

Single-piece diaphragm for reliable leak-free valve closing

Self cleaning stainless-steel metering pin

Stainless-steel diaphragm differential spring for smooth closing

PN12 tested piece by piece at 14 bar

Bleed handle for manual opening with internal bleed

Codice/Code Modelli 24Vac/24Vac Models

100.4500511	E.V. RN 150 FC 24VAC W/FC - 1/2" F
100.4500711	E.V. RN 150 FC 24VAC W/FC - 3/4" F
100.4400711	E.V. RN 150 FC 24VAC W/FC - 3/4" M
100.4500911	E.V. RN 150 FC 24VAC W/FC - 1" F
100.4400911	E.V. RN 150 FC 24VAC W/FC - 1" M
100.4400915	E.V. RN 150 FC 24VAC W/FC - 1" M X UN.

Codice/Code Modelli 9Vdc/9Vdc Models

164.4500711	E.V. RN 150 FC 9VDC (AMP) W/FC - 3/4" F
164.4500911	E.V. RN 150 FC 9VDC (AMP) W/FC - 1" F
164.4400915	E.V. RN 150 FC 9VDC (AMP) W/FC - 1" M X UN.

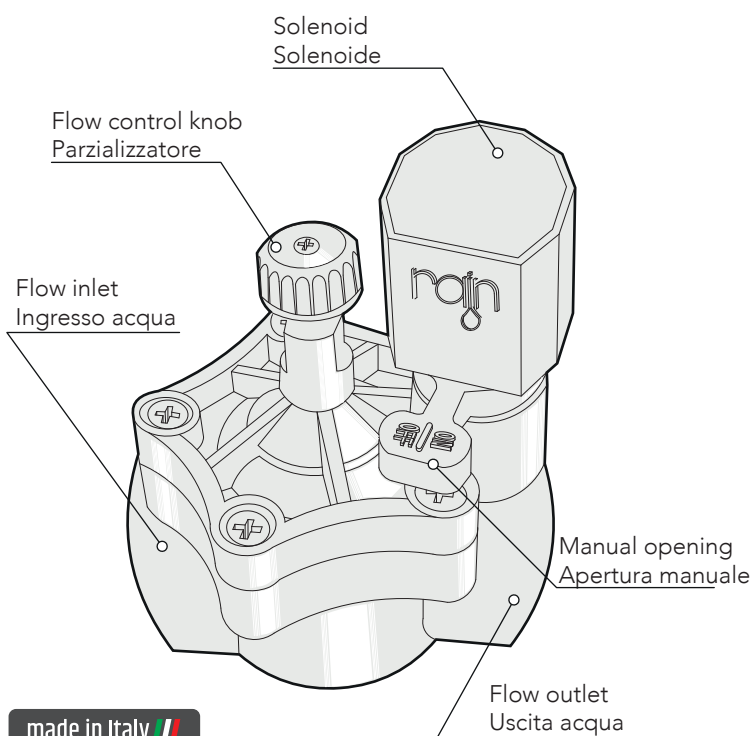


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RN 150

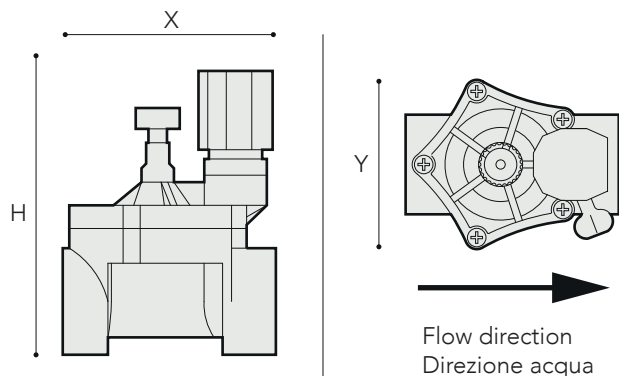
SOLENOID VALVE ELETTROVALVOLA



Perdite di carico / Loss of charge (in bar)

Diametro elettrovalvola/Thread model

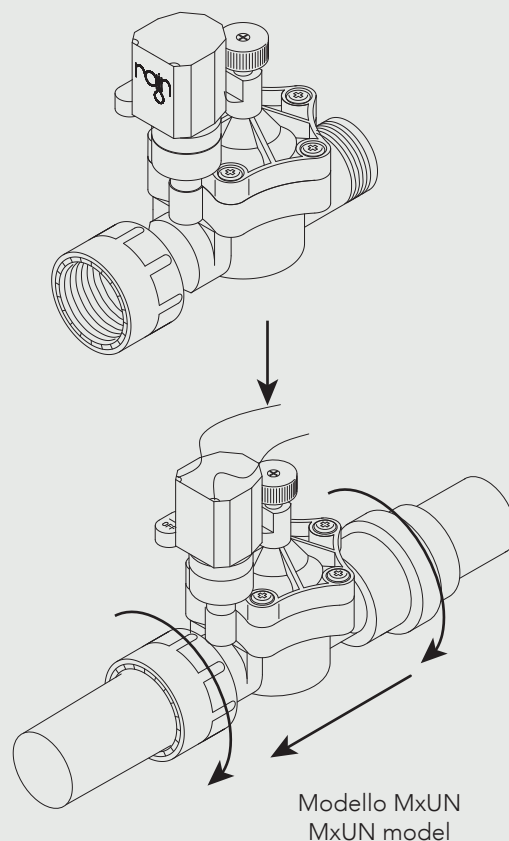
Pressure drop (bar) at 100°C water flow				
		1/2"	3/4"	1"
Portata/Flow	20 l/min	0.35	0.35	0.30
	30 l/min	0.52	0.52	0.45
	40 l/min	0.70	0.60	0.60
	50 l/min	0.80	0.80	0.70
	60 l/min	0.80	0.80	0.70
	70 l/min	0.85	0.85	0.75
	80 l/min	0.95	0.95	0.85
	90 l/min	1.05	1.05	0.95



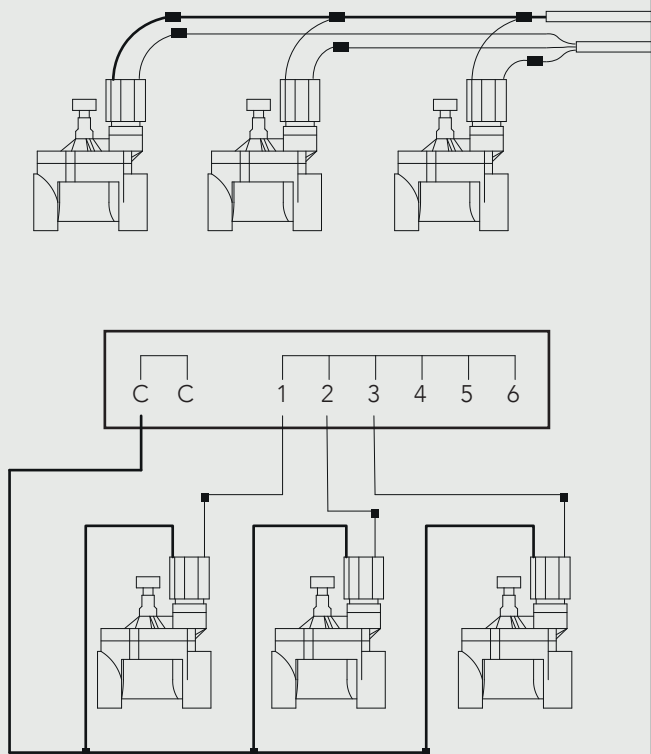
Dimensioni / Dimensions (in cm)

	3/4" M	1" M	1/2" F	3/4" F	1" F	1" MxU	1" UxU
H	11.4	11.4	11.4	11.4	11.4	11.4	11.4
X	11.5	11.6	9.2	9.2	9.2	12.8	14.1
Y	7.1	7.1	7.1	7.1	7.1	7.1	7.1

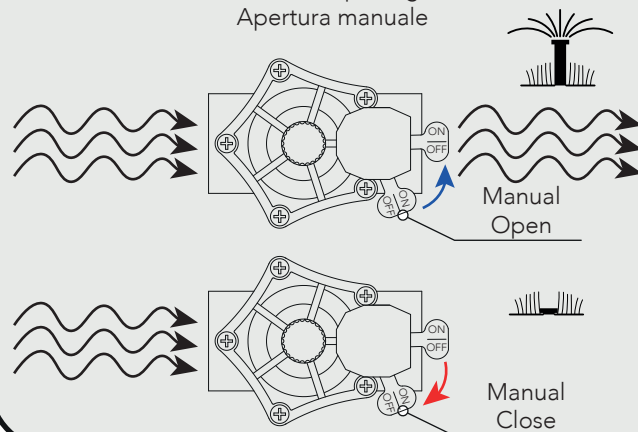
Installation Installazione



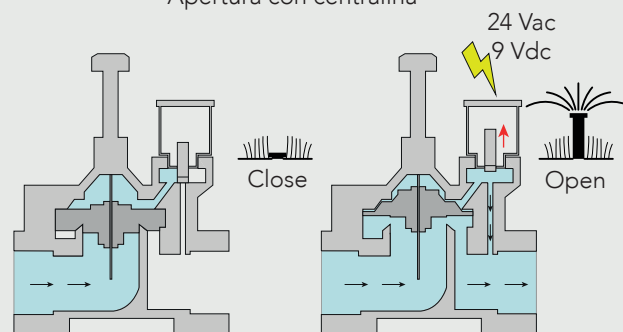
Connection to the 24Vac controller
Connessioni con il programmatore 24Vac



Manual opening
Apertura manuale

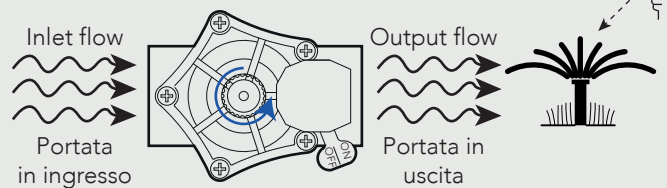


Opening with controller
Apertura con centralina

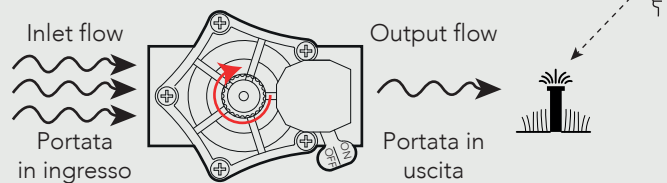


Flow control regulation
Regolazione parzializzatore

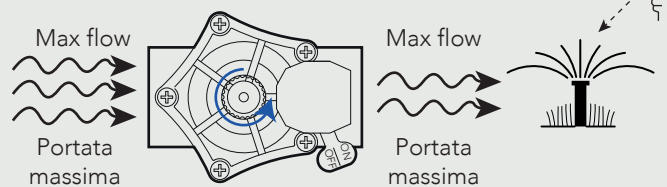
1 Apertura totale/Total opening



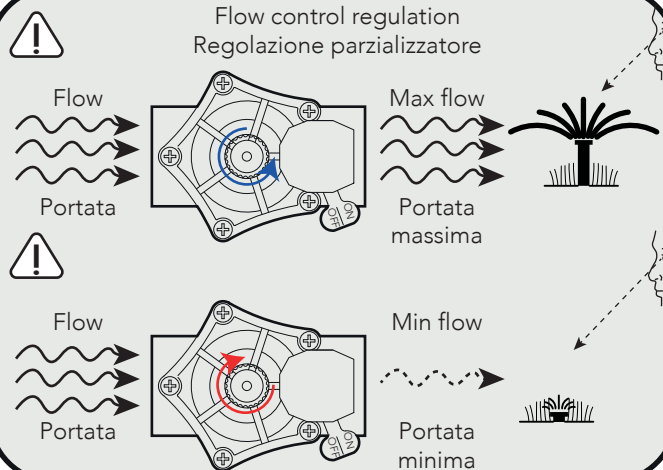
2 Regolazione parzializzatore/Flow control regulation



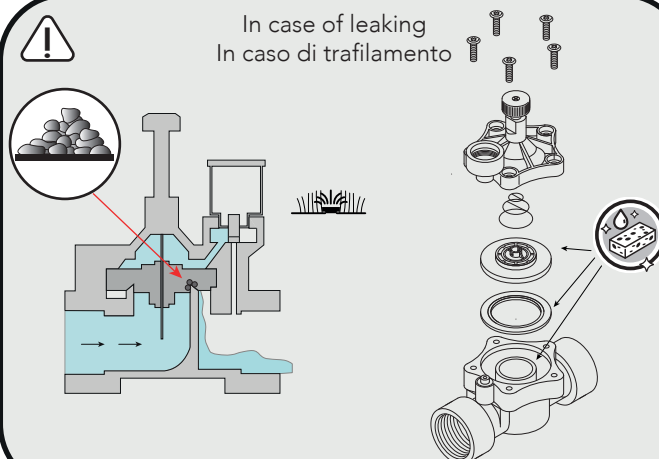
3 Regolazione parzializzatore/Flow control regulation



Flow control regulation
Regolazione parzializzatore



In case of leaking
In caso di trafilamento



Condizioni operative

Pressione: min 1.0 bar - max 12 bar

Temperatura: min +4°C - max 70°C

Portata: min 30 l/min - max 90 l/min

Operating conditions

Pressure: min 1.0 bar - max 12.0 bar

Temperature: +4° C - 70° C

Flow rate: from 30 l/min to 90 l/min

Caratteristiche tecniche

Fibra vetro PA 6 30%

Membrana in parti co-stampata per una miglior tenuta in chiusura

Astina in acciaio autopulente

Molla della membrana in acciaio con azione progressiva

PN12 testato pezzo per pezzo a 14 bar

Apertura manuale ON/OFF

Technical features

PA 6 30% fiberglass

Single-piece diaphragm for reliable leak-free valve closing

Self cleaning stainless-steel metering pin

Stainless-steel diaphragm differential spring for smooth closing

PN12 tested piece by piece at 14 bar

Bleed handle for manual opening with internal bleed

Codice/Code Modelli 24Vac/24Vac Models

100.1560711 E.V.RN 155 PLUS FC 24VAC - 3/4" M

100.1580911 E.V.RN 155 PLUS FC 24VAC - 1" F

100.1560911 E.V.RN 155 PLUS FC 24VAC - 1" M

100.1560916 E.V.RN 155 PLUS FC 24VAC - 1" M x UN.

100.1588911 E.V.RN 155 PLUS 24VAC - 1" F WITH PRESSURE REGULATOR

Codice/Code Modelli 9Vdc/9Vdc Models

164.1560711 E.V.RN 155 PLUS FC 9VDC (AMP) - 3/4" M

164.1580911 E.V.RN 155 PLUS FC 9VDC (AMP) - 1" F

164.1560911 E.V.RN 155 PLUS FC 9VDC (AMP) - 1" M

164.1560916 E.V.RN 155 PLUS FC 9VDC (AMP) - 1" M x UN.

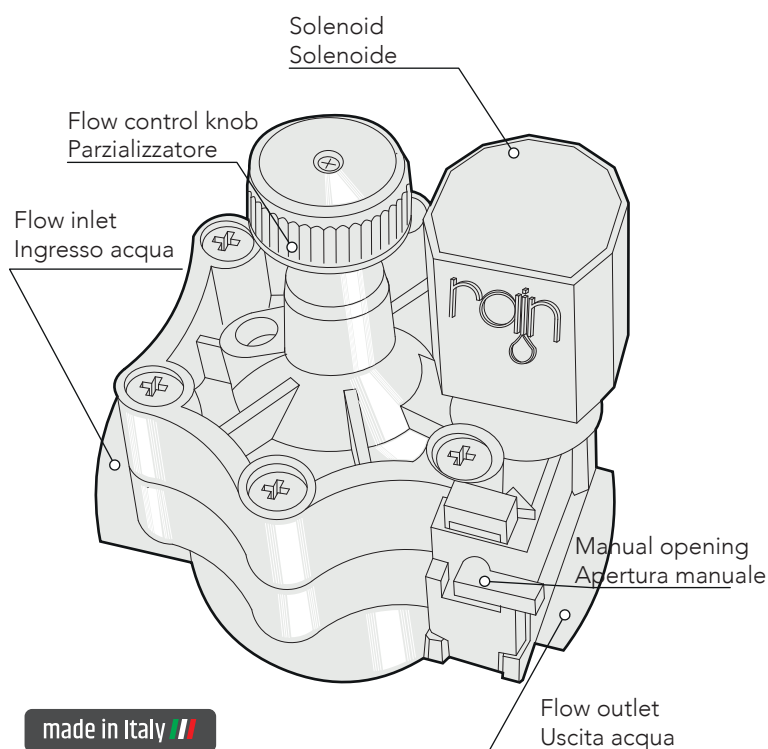


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RN 155

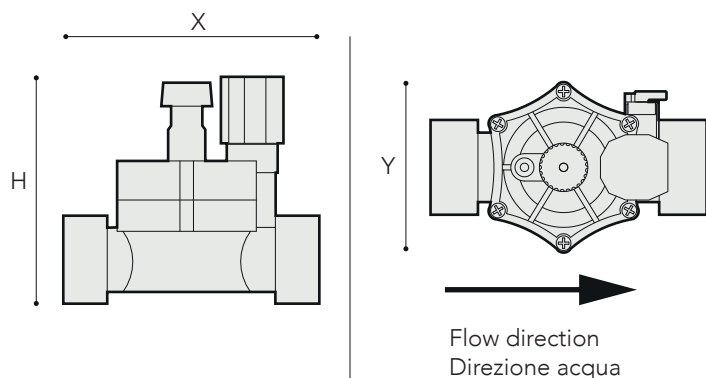
SOLENOID VALVE ELETTROVALVOLA



Perdite di carico / Loss of charge (in bar)

Diametro elettrovalvola/Thread model

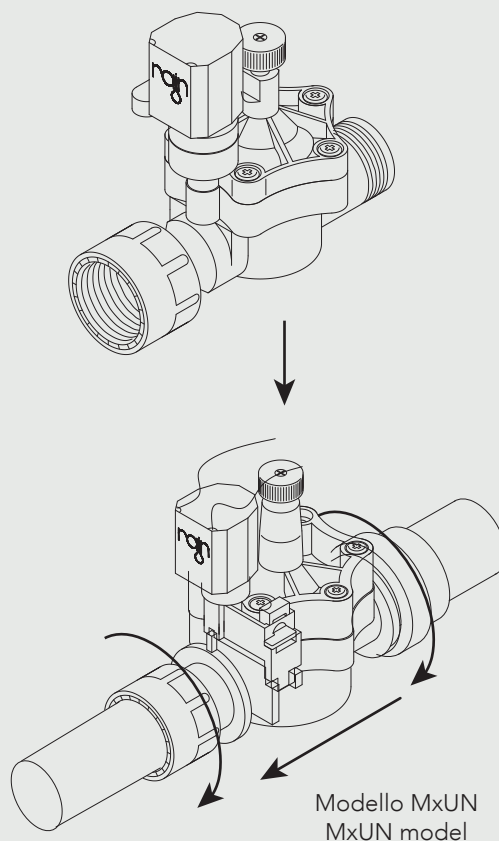
Portata/Flow	Diametro elettrovalvola/Thread model		
	3/4"	1"	1" MxU
30 l/min	0.30	0.25	0.35
45 l/min	0.30	0.25	0.35
60 l/min	0.30	0.25	0.35
75 l/min	0.30	0.25	0.35
90 l/min	0.37	0.28	0.42
105 l/min	0.42	0.32	0.47
120 l/min	0.52	0.35	0.57



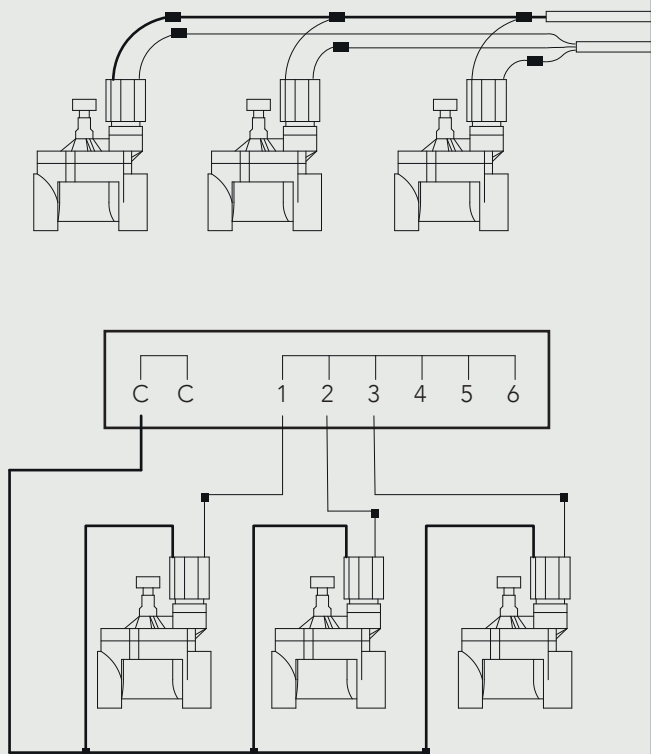
Dimensioni / Dimensions in cm

	3/4" M	1" M	1" F	1" MxU
H	11.5	11.5	11.5	11.5
X	13.1	13.1	13.1	13.9
Y	8.1	8.1	8.1	8.1

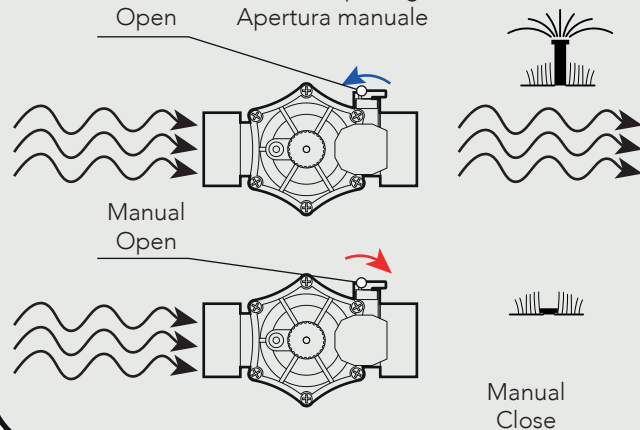
Installation Installazione



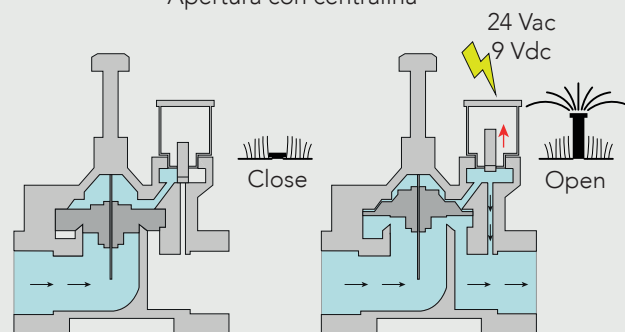
Connection to the 24Vac controller
Connessioni con il programmatore 24Vac



Manual Open
Manual opening
Apertura manuale

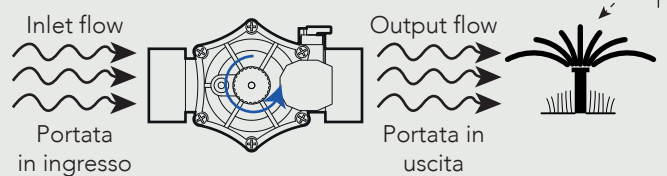


Opening with controller
Apertura con centralina

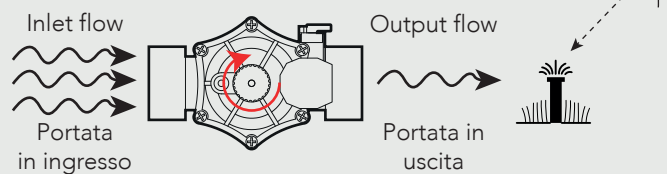


Flow control regulation
Regolazione parzializzatore

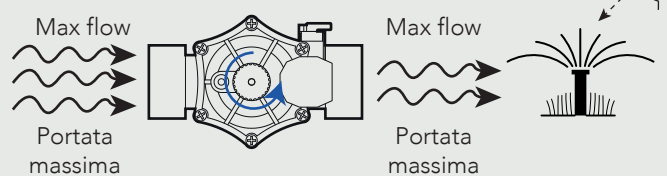
1 Apertura totale/Total opening



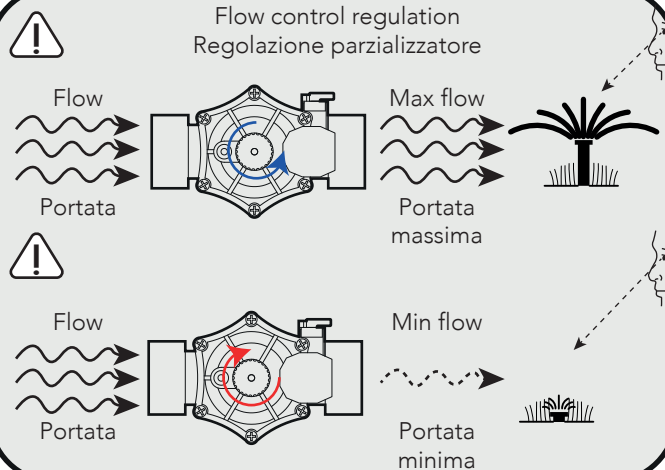
2 Regolazione parzializzatore/Flow control regulation



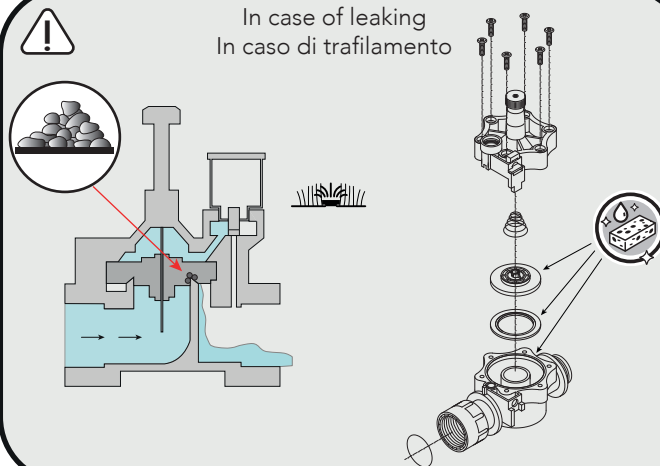
3 Regolazione parzializzatore/Flow control regulation



Flow control regulation
Regolazione parzializzatore



In case of leaking
In caso di trafileamento



Condizioni operative

Pressione: min 1.0 bar - max 12 bar

Temperatura: min +4°C - max 70°C

Portata: min 75 l/min - max 325 l/min

Operating conditions

Pressure: min 1.0 bar - max 12.0 bar

Temperature: +4° C - 70° C

Flow rate: from 75 l/min to 325 l/min

Caratteristiche tecniche

Fibra vetro PA 6 30%

Membrana in parti co-stampata per una miglior tenuta in chiusura

Astina in acciaio autopulente

Molla della membrana in acciaio con azione progressiva

PN12 testato pezzo per pezzo a 14 bar

Apertura manuale ON/OFF

Technical features

PA 6 30% fiberglass

Single-piece diaphragm for reliable leak-free valve closing

Self cleaning stainless-steel metering pin

Stainless-steel diaphragm differential spring for smooth closing

PN12 tested piece by piece at 14 bar

Bleed handle for manual opening with internal bleed

Codice/Code Modelli 24Vac/24Vac Models

100.5700911 E.V.RN 160 PRO FC 24VAC - 1" F

100.5701211 E.V.RN 160 PRO FC 24VAC - 1" 1/4 F

100.5701511 E.V.RN 160 PRO FC 24VAC - 1" 1/2 F

100.5701512 E.V.RN 160 PRO FC 24VAC - 1" 1/2 F (CON BC)

100.5781511 E.V.RN 160 PRO 24VAC - 1" 1/2 F WITH PRESSURE REGULATOR

100.5701516 E.V.RN 160 PRO FC 24VAC - 1" 1/2 M X UN.

100.5701711 E.V.RN 160 PRO FC 24VAC - 2" F

100.5701712 E.V.RN 160 PRO FC 24VAC - 2" F (CON BC)

Codice/Code Modelli 9Vdc/9Vdc Models

100.5701716 E.V.RN 160 PRO FC 24VAC - 2" M X UN.

164.5701511 E.V.RN 160 PRO FC 9VDC (AMP) - 1" 1/2 F

164.5701711 E.V.RN 160 PRO FC 9VDC (AMP) - 2" F

164.5701516 E.V.RN 160 PRO FC 9VDC (AMP) - 1" 1/2 M X UN.

164.5701716 E.V.RN 160 PRO FC 9VDC (AMP) - 2" M X UN.

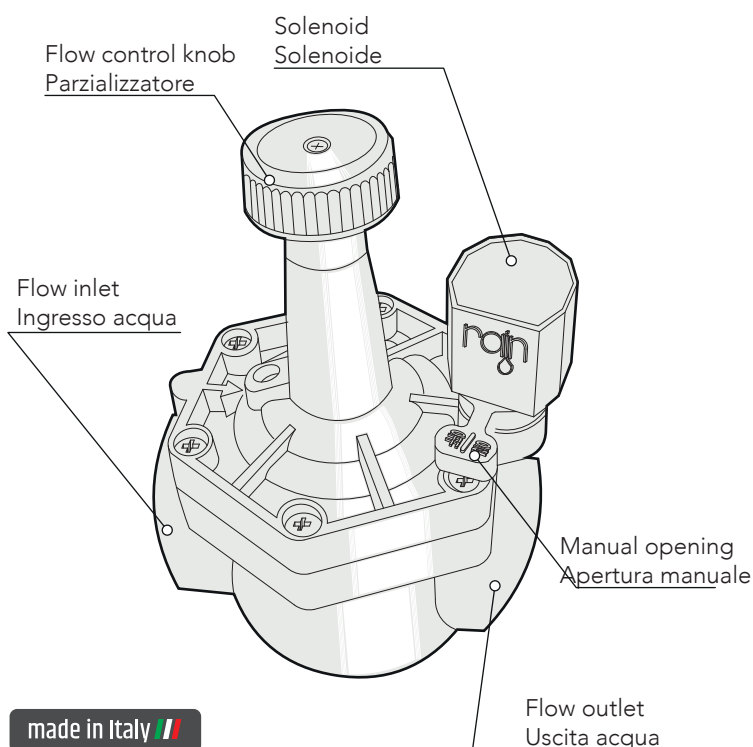


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RN 160

SOLENOID VALVE ELETTROVALVOLA

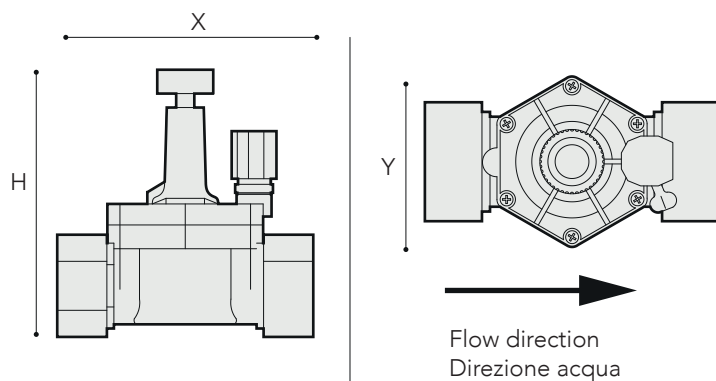


made in Italy

Perdite di carico / Loss of charge (in bar)

Diametro elettrovalvola/Thread model

	1"	1"1/4	1"1/2	2"
75 l/min	0.20	0.20		
100 l/min	0.27	0.20	0.20	0.16
125 l/min	0.32	0.21	0.20	0.16
150 l/min	0.42	0.27	0.20	0.16
175 l/min	0.58	0.30	0.21	0.18
200 l/min	0.75	0.40	0.25	0.21
225 l/min		0.48	0.29	0.23
250 l/min		0.58	0.34	0.28
275 l/min		0.69	0.39	0.32
300 l/min			0.45	0.38
325 l/min				0.41

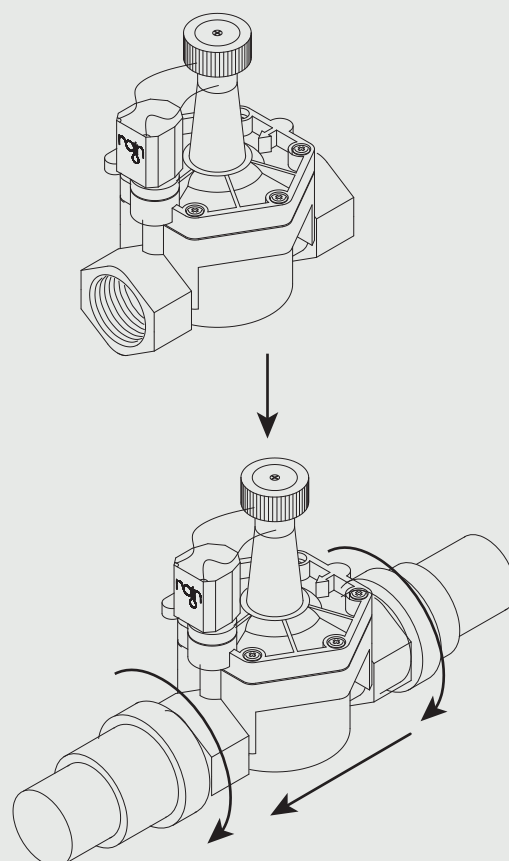


Dimensioni / Dimensions

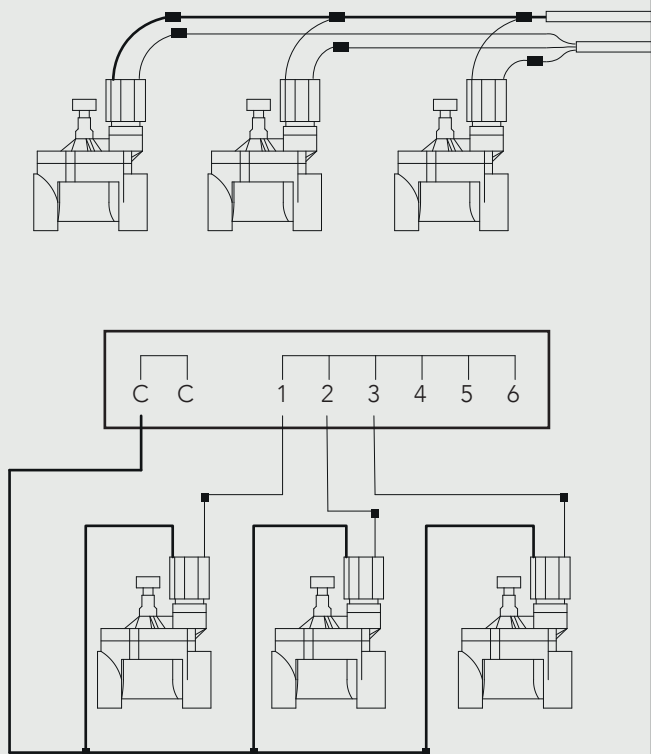
in cm

	1" F	1" 1/4 F	1" 1/2 F	2" F	2" MxU
H	18.4	18.4	18.4	18.4	18.4
X	14.5	14.8	15.7	18.3	17.5
Y	10.6	10.6	10.6	10.6	10.6

Installation Installazione

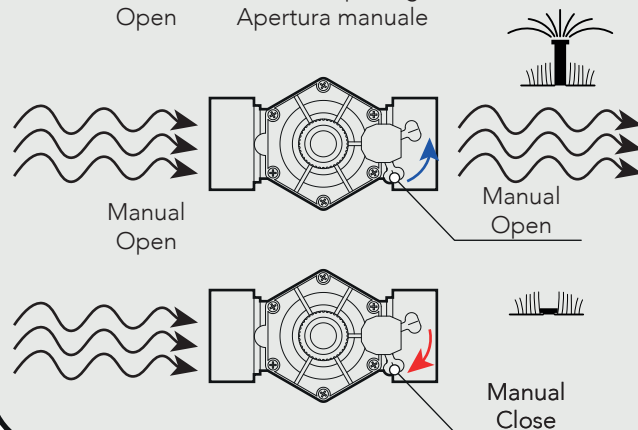


Connection to the 24Vac controller
Connessioni con il programmatore 24Vac

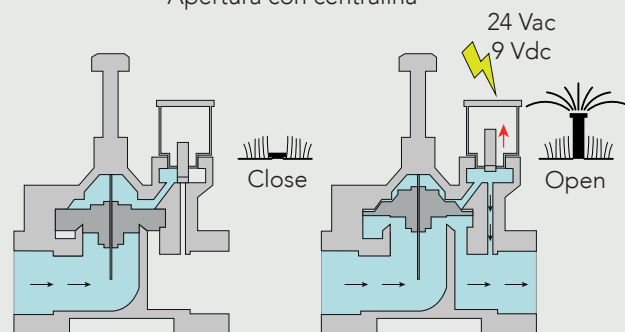


Manual
Open

Manual opening
Apertura manuale

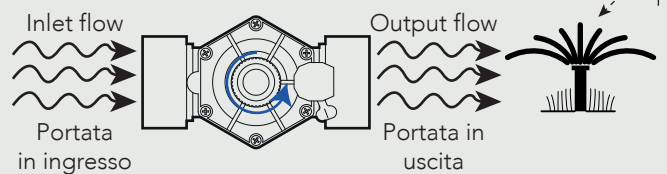


Opening with controller
Apertura con centralina

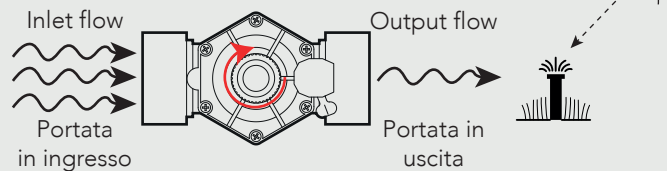


Flow control regulation
Regolazione parzializzatore

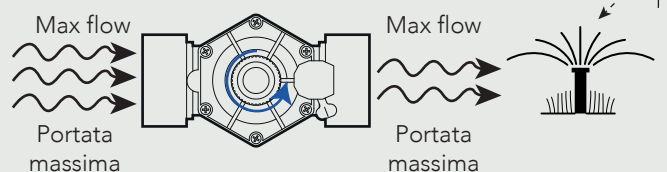
1 Apertura totale/Total opening



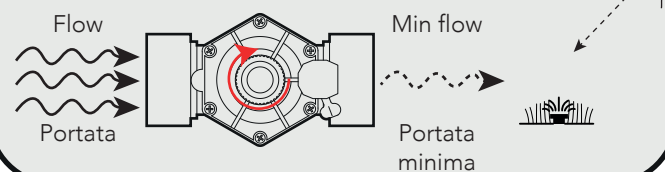
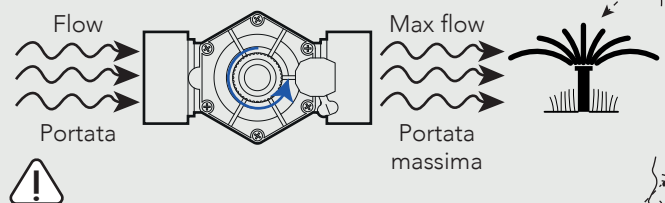
2 Regolazione parzializzatore/Flow control regulation



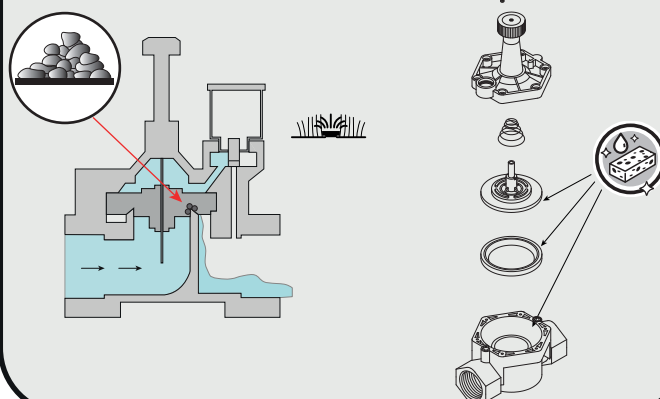
3 Regolazione parzializzatore/Flow control regulation



Flow control regulation
Regolazione parzializzatore



In case of leaking
In caso di trafileamento



Condizioni operative

Pressione: min 1.0 bar - max 12 bar

Temperatura: min +4°C - max 70°C

Portata: min 200 l/min - max 1100 l/min

Operating conditions

Pressure: min 1.0 bar - max 12.0 bar

Temperature: +4°C - 70°C

Flow rate: from 200 l/min to 1100 l/min

Caratteristiche tecniche

Fibra vetro PA 6 30%

Membrana in parti co-stampata per una miglior tenuta in chiusura

Astina in acciaio autopulente

Molla della membrana in acciaio con azione progressiva

PN12 testato pezzo per pezzo a 14 bar

Apertura manuale ON/OFF

Technical features

PA 6 30% fiberglass

Single-piece diaphragm for reliable leak-free valve closing

Self cleaning stainless-steel metering pin

Stainless-steel diaphragm differential spring for smooth closing

PN12 tested piece by piece at 14 bar

Bleed handle for manual opening with internal bleed

Codice/Code Modelli 24Vac/24Vac Models

100.1802510 E.V.RN 180 FC 24VAC - 2°F

100.1882510 E.V.RN 180 FC 24VAC - 2°F WITH PRESSURE REGULATOR

100.1803410 E.V.RN 180 FC 24VAC - 3°F

100.1883410 E.V.RN 180 FC 24VAC - 3°F WITH PRESSURE REGULATOR

100.1803510 E.V.RN 180 FC 24VAC - 3°M

Codice/Code Modelli 9Vdc/9Vdc Models

164.1802510 E.V.RN 180 FC 9VDC (AMP) - 2°F

164.1882510 E.V.RN 180 FC 9VDC (AMP) - 2°F WITH PRESSURE REGULATOR

164.1803410 E.V.RN 180 FC 9VDC (AMP) - 3°F

164.1883410 E.V.RN 180 FC 9VDC (AMP) - 3°F WITH PRESSURE REGULATOR

164.1803510 E.V.RN 180 FC 9VDC (AMP) - 3°M

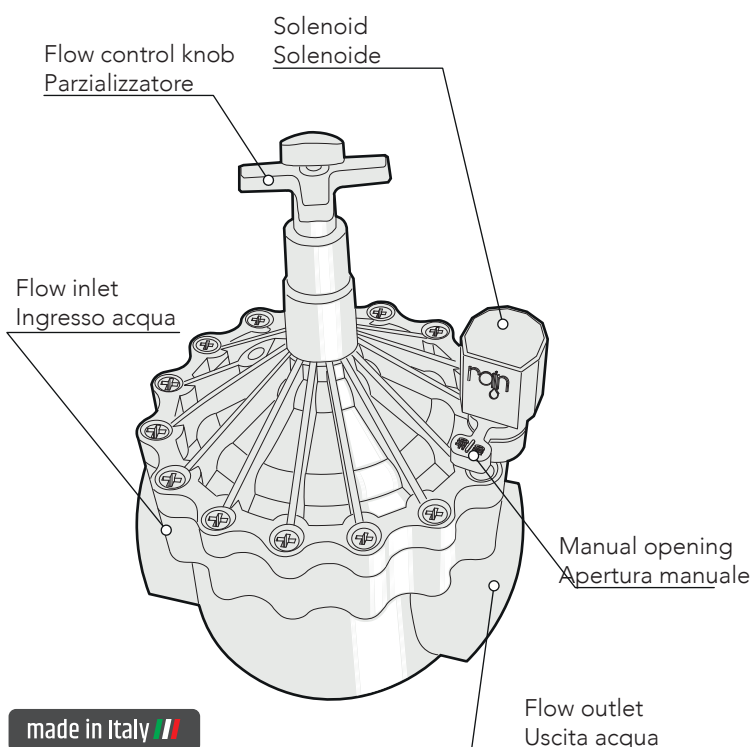


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RN 180

SOLENOID VALVE ELETTROVALVOLA

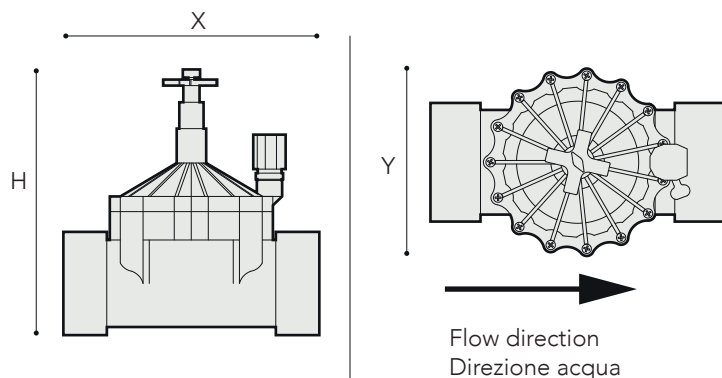


made in Italy

Perdite di carico /Loss of charge (in bar)

Diametro elettrovalvola/Thread model

Portata/Flow	Diametro elettrovalvola/Thread model	
	2"	3"
200 l/min	0.07	0.05
300 l/min	0.09	0.07
400 l/min	0.12	0.09
500 l/min	0.14	0.12
600 l/min	0.16	0.14
700 l/min	0.19	0.16
800 l/min	0.25	0.18
900 l/min	0.31	0.23
1000 l/min	0.38	0.28
1100 l/min	0.47	0.35

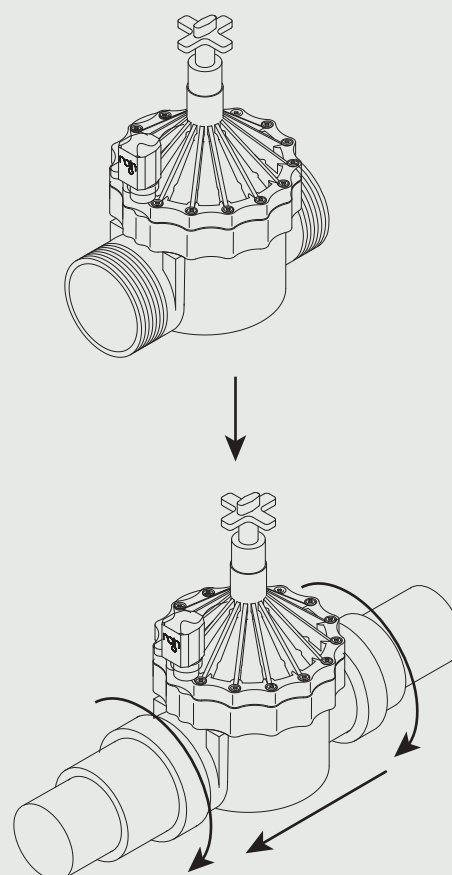


Dimensioni /
Dimensions

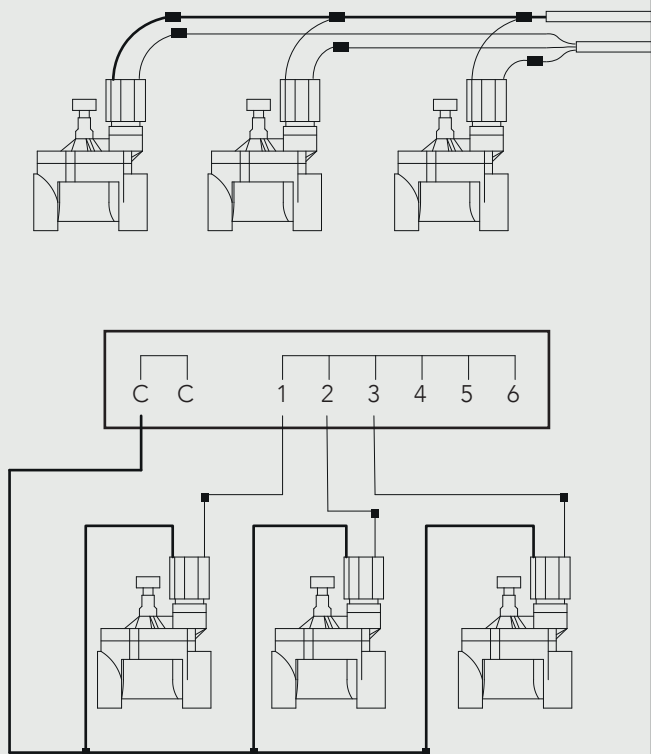
in cm

	3°M	3°F	2°F
H	25.0	25.0	25.0
X	24.0	25.3	25.3
Y	17.0	17.0	17.0

Installation Installazione

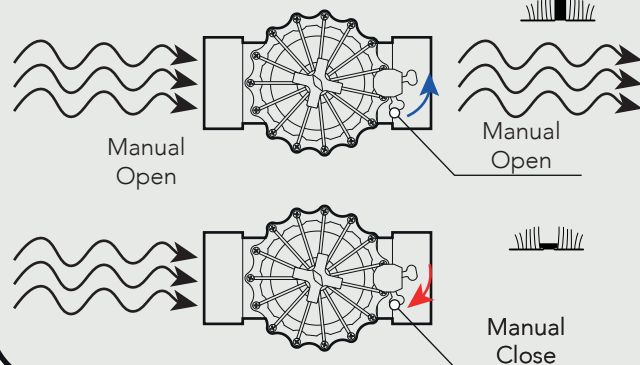


Connection to the 24Vac controller
Connessioni con il programmatore 24Vac

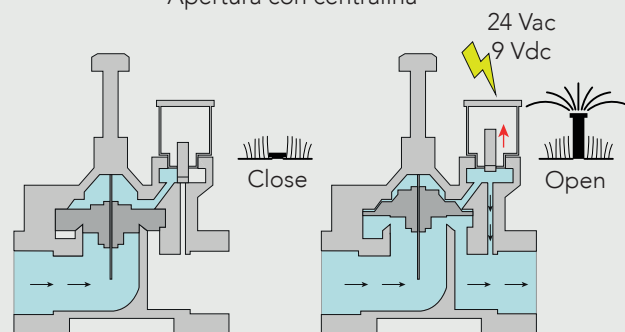


Manual
Open

Manual opening
Apertura manuale

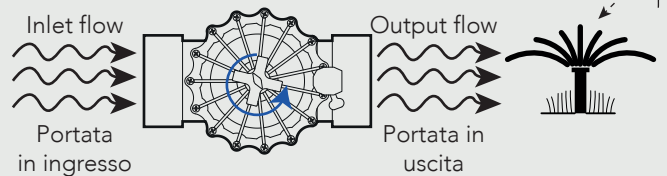


Opening with controller
Apertura con centralina

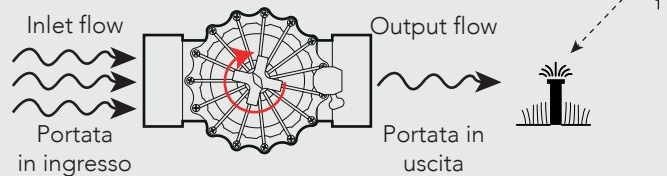


Flow control regulation
Regolazione parzializzatore

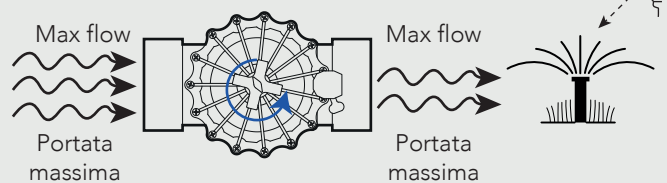
1 Apertura totale/Total opening



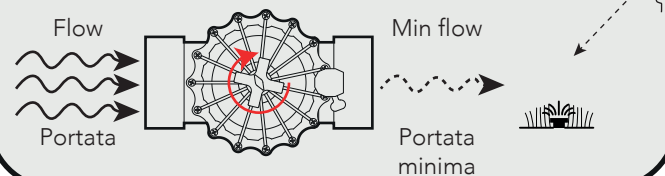
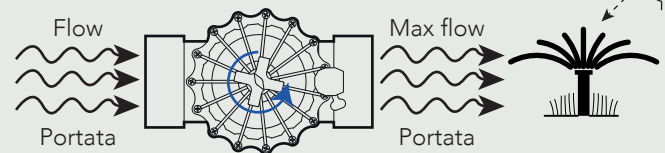
2 Regolazione parzializzatore/Flow control regulation



3 Regolazione parzializzatore/Flow control regulation



Flow control regulation
Regolazione parzializzatore



In case of leaking
In caso di trafileamento

