



1½" (40 MM) AND 2" (50 MM) PGV

These reliable valves provide long-lasting performance for larger systems.

KEY BENEFITS

- External/internal manual bleed allows for quick and easy activation at the valve
- Double-beaded diaphragm seal design ensures leak-free performance
- Captive bonnet screws eliminate the possibility of lost parts during disassembly
- Flow control maximises efficiency and prolongs the life of the system
- Triple-tool bonnet screws are compatible with standard or Phillips screwdrivers as well as a nut driver
- Each valve available with globe or angle configuration for convenient placement
- Encapsulated solenoid with captive plunger used on every Hunter valve provides hassle-free service

USER-INSTALLED OPTIONS

- Accu Sync™ Pressure Regulator at the valve*
- DC-Latching Solenoid for battery-operated controllers (P/N 458200)
- Reclaimed flow control handle (P/N 607105)

FACTORY-INSTALLED OPTIONS

- DC: DC-Latching Solenoid for battery-operated controllers; **see page 103**
- LS: Valve without solenoid

OPERATING SPECIFICATIONS

- Flow:
 - PGV-151: 5 to 27 m³/hr; 75 to 450 l/min
 - PGV-201: 5 to 34 m³/hr; 75 to 570 l/min
- Recommended pressure range: 1.5 to 10 bar; 150 to 1000 kPa
- Temperature rating: 66°C
- Warranty period: 2 years

* Accu Sync product information on **page 102**

SOLENOID SPECIFICATIONS

- 24 VAC solenoid
 - 350 mA inrush, 190 mA holding, 60 Hz
 - 370 mA inrush, 210 mA holding, 50 Hz



PGV-151 VALVE

Inlet diameter: 1½" (40 mm)
Height: 19 cm
Length: 15 cm
Width: 11 cm

PGV-201 VALVE

Inlet diameter: 2" (50 mm)
Height: 20 cm
Length: 17 cm
Width: 13 cm

VALVES

PGV Installed



PGV PRESSURE LOSS IN kPa

Flow l/min	1½" (40 mm) Globe	1½" (40 mm) Angle	2" (50 mm) Globe	2" (50 mm) Angle
75	20	22	4	9
95	20	21	5.5	9
115	21	21	7.5	9.5
135	22	21	9	10
150	25	23	12	11
200	27	24	14	12
325	47	41	26	19
400	65	59	33	24
500	96	92	43	32
625			56	45
775			74	64

PGV PRESSURE LOSS IN BAR

Flow m ³ /hr	1½" (40 mm) Globe	1½" (40 mm) Angle	2" (50 mm) Globe	2" (50 mm) Angle
4.5	0.2	0.2	0.1	0.1
5.5	0.2	0.2	0.1	0.1
6.5	0.2	0.2	0.1	0.1
8.0	0.2	0.2	0.1	0.1
9.0	0.2	0.2	0.1	0.1
11.0	0.3	0.2	0.1	0.1
13.5	0.3	0.3	0.1	0.1
18.0	0.4	0.4	0.2	0.1
22.5	0.6	0.5	0.3	0.2
27.0	0.8	0.8	0.4	0.3
30.5			0.6	0.5
34.0			0.7	0.6

PGV 1½" & 2" - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1 Model	2 Standard Features	3 Feature Options	4 User-Installed Options
PGV-151-B = 1½" (40 mm) BSP PGV-201-B = 2" (50 mm) BSP	Globe / angle valve with flow control	(blank) = No option DC = DC-Latching Solenoid for battery-operated controllers LS = Less solenoid	AS-ADJ = Adjustable Accu Sync Pressure Regulator 458200 = DC-Latching Solenoid for battery-operated controllers 607105 = Reclaimed flow control handle LIT-700 = Reclaimed ID tag

Examples:

PGV-201-B-AS-ADJ = 2" (50 mm) BSP PGV globe/angle valve with flow control, user-installed Accu Sync Pressure Regulator

1" (25 MM) PGV AND PGV JAR-TOP



These versatile and robust valves offer simple serviceability.

KEY BENEFITS

- External/internal manual bleed allows for quick and easy activation at the valve
- Double-beaded diaphragm seal design ensures leak-free performance
- Captive bonnet screws eliminate the possibility of lost parts during disassembly
- Triple-tool bonnet screws are compatible with standard or Phillips screwdrivers as well as a nut driver
- Jar-top models provide easy access without tools
- Encapsulated solenoid with captive plunger used on every Hunter valve provides hassle-free service
- Flow control maximises efficiency and prolongs the life of the system

USER-INSTALLED OPTIONS

- Accu Sync™ Pressure Regulator at the valve*
- DC-Latching Solenoid for battery-operated controllers (P/N 458200)

FACTORY-INSTALLED OPTIONS

- LS: Valve without solenoid
- DC: DC-Latching Solenoid for battery-operated controllers; [see page 103](#)

OPERATING SPECIFICATIONS

- Flow: 0.05 to 9 m³/hr; 0.7 to 150 l/min
- Recommended pressure range: 1.5 to 10 bar; 150 to 1,000 kPa
- Temperature rating: 66°C
- Warranty period: 2 years

SOLENOID SPECIFICATIONS

- 24 VAC solenoid
 - 350 mA inrush, 190 mA holding, 60 Hz
 - 370 mA inrush, 210 mA holding, 50 Hz

* Accu Sync product information on [page 102](#)



PGV-100G VALVE
Inlet diameter: 1" (25 mm)
Height: 13 cm
Length: 11 cm
Width: 6 cm



PGV-101G VALVE
Inlet diameter: 1" (25 mm)
Height: 13 cm
Length: 11 cm
Width: 6 cm



PGV-100JT-G VALVE
Inlet diameter: 1" (25 mm)
Height: 14 cm
Length: 11 cm
Width: 8 cm



PGV-101JT-G VALVE
Inlet diameter: 1" (25 mm)
Height: 14 cm
Length: 11 cm
Width: 8 cm

Double-Beaded Diaphragm



AC Solenoid
(P/N 606800)
Two red wires

PGV - SPECIFICATION BUILDER : ORDER 1 + 2 + 3 + 4 + 5

1 Model	2 Standard Features	3 Feature Options	4 Options	5 User-Installed Options
PGV-100 = 1" (25 mm)	Globe valve, without flow control, threaded inlet/outlet	G-B = BSP female threaded inlet/outlet	DC = DC-Latching Solenoid for battery-operated controllers	AS-ADJ = Accu Sync adjustable
PGV-101 = 1" (25 mm)	Globe valve, with flow control, threaded inlet/outlet	MM-B = BSP male threaded inlet/outlet	LS = Less solenoid	458200 = DC-Latching Solenoid for battery-operated controllers 269205 = Reclaimed flow control handle LIT-700 = Reclaimed ID tag

Example:

PGV-101-G-B-DC = 1" (25 mm) PGV globe valve, with flow control, with female BSP inlet and outlet, with DC-Latching Solenoid

PGV JAR-TOP - SPECIFICATION BUILDER : ORDER 1 + 2 + 3 + 4 + 5

1 Model	2 Standard Features	3 Feature Options	4 Options	5 User-Installed Options
PGV-100-JT = 1" (25 mm)	Globe valve, jar-top bonnet, without flow control, threaded inlet/outlet	G-B = BSP female threaded inlet/outlet	DC = DC-Latching Solenoid for battery-operated controllers	AS-ADJ = Accu Sync adjustable
PGV-101-JT = 1" (25 mm)	Globe valve, jar-top bonnet, with flow control, threaded inlet/outlet	MM-B = BSP male threaded inlet/outlet	LS = Less solenoid	458200 = DC-Latching Solenoid for battery-operated controllers 269205 = Reclaimed flow control handle LIT-700 = Reclaimed ID tag

Example:

PGV-101-JT-MM-B-DC = 1" (25 mm) PGV globe valve, with jar-top bonnet, with flow control, with male BSP inlet and outlet, with DC-Latching Solenoid

1" (25 MM) PGV VALVE	
Flow m ³ /hr	Pressure Loss bar
0.3	0.08
1.0	0.11
2.5	0.13
3.5	0.16
4.5	0.23
5.5	0.43
6.5	0.62
8.0	1.10
9.0	1.48

1" (25 MM) PGV VALVE	
Flow l/min	Pressure Loss kPa
4	8
20	11
40	13
55	16
75	23
95	43
115	62
135	110
150	148

PGV-100G Valve Installed



Captive Bonnet Bolts



This valve is the perfect choice for high-pressure systems and dirty water conditions.

KEY BENEFITS

- Optional Filter Sentry™ Mechanism scours the filter screen in dirty water conditions
- External/internal manual bleed allows for quick and easy activation at the valve
- Glass-filled nylon construction provides high pressure rating and reliability
- Double-beaded diaphragm seal design ensures leak-free performance
- Fabric-reinforced EPDM diaphragm and seat ensure greater performance in all water conditions
- Captive bonnet screws eliminate the possibility of lost parts during disassembly
- Triple-tool bonnet screws are compatible with standard or Phillips screwdrivers as well as a nut driver
- Encapsulated solenoid with captive plunger used on every Hunter valve provides hassle-free service
- Flow control maximises efficiency and prolongs the life of the system

USER-INSTALLED OPTIONS

- Accu Sync™ Pressure Regulator at the valve*
- DC-Latching Solenoid for battery-operated controllers (P/N 458200)
- Filter Sentry Mechanism easily added to an installed valve

FACTORY-INSTALLED OPTIONS

- LS: Valve without solenoid
- DC: DC-Latching Solenoid for battery-operated controllers; **see page 103**
- FS: Filter Sentry
- FS-R: Reclaimed option with Filter Sentry Mechanism, purple control knob, and purple, chlorine-resistant diaphragm (available only on 40 mm and 50 mm models)

OPERATING SPECIFICATIONS

- Flow:
 - ICV-101G: 0.03 to 9 m³/hr; 0.4 to 150 l/min
 - ICV-151G: 0.03 to 34 m³/hr; 0.4 to 568 l/min
 - ICV-201G: 0.03 to 45 m³/hr; 0.4 to 757 l/min
 - ICV-301: 0.03 to 68 m³/hr; 0.4 to 1,135 l/min
- Recommended pressure range: 1.5 to 15.0 bar; 150 to 1,500 kPa
- Temperature rating: 66°C
- SASO Quality Mark Certified
- Warranty period: 5 years

SOLENOID SPECIFICATIONS

- 24 VAC solenoid
 - 350 mA inrush, 190 mA holding, 60 Hz
 - 370 mA inrush, 210 mA holding, 50 Hz

* Accu Sync product information on **page 102**



ICV-101G VALVE

Inlet diameter: 1" (25 mm)
Height: 14 cm
Length: 12 cm
Width: 10 cm



ICV-151G VALVE

Inlet diameter: 1½" (40 mm)
Height: 18 cm
Length: 17 cm
Width: 14 cm



ICV-201G VALVE

Inlet diameter: 2" (50 mm)
Height: 18 cm
Length: 17 cm
Width: 14 cm



ICV-301 VALVE

Inlet diameter: 3" (80 mm)
Height: 27 cm
Length: 22 cm
Width: 19 cm



ICV-R VALVE

Inlet diameter: 1½" (40 mm) and 2" (50 mm)
Height: 18 cm
Length: 17 cm
Width: 14 cm

Double-Beaded Chlorine-Resistant Diaphragm

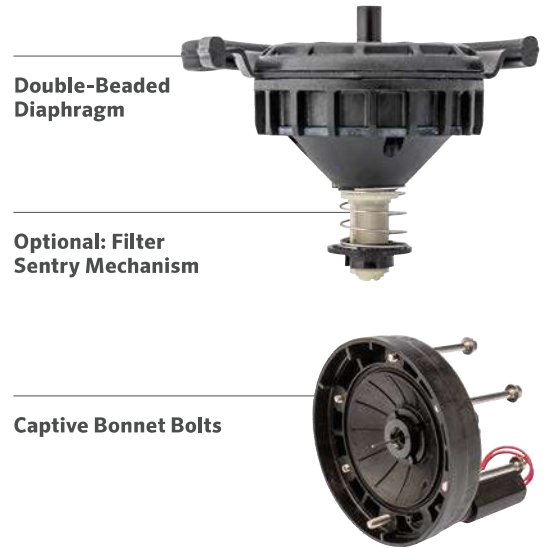


Filter Sentry Mechanism

ICV 1", 1½", 2" AND 3" - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1	Model	2 Standard Features	3 Feature Options	4 User-Installed Options
	ICV-101-G-B = 1" (25 mm) BSP	Globe valve with flow control	(blank) = No option FS = Filter Sentry Mechanism FS-R = Purple reclaimed Filter Sentry Mechanism and ID tag (available only on 40 mm and 50 mm models) DC = DC-Latching Solenoid for battery-operated controllers LS = Less solenoid	AS-ADJ = Adjustable Accu Sync Pressure Regulator 458200 = DC-Latching Solenoid for battery-operated controllers 607105 = Reclaimed flow control handle (25, 40, 50 mm only) LIT-700 = Reclaimed ID tag
	ICV-151-G-B = 1½" (40 mm) BSP			
	ICV-201-G-B = 2" (50 mm) BSP			
	ICV-301-B = 3" (80 mm) BSP	Globe / angle valve with flow control		

Example:
ICV-201G-B-AS-ADJ = 2" (50 mm) BSP ICV globe valve with flow control, user-installed adjustable Accu Sync Pressure Regulator



VALVES

ICV PRESSURE LOSS (AT OPTIMAL FLOWS) IN BAR

Flow m³/hr	1" (25 mm) Globe	1½" (40 mm) Globe	2" (50 mm) Globe	3" (80 mm) Globe	3" (80 mm) Angle
0.05	0.1				
0.1	0.1				
0.3	0.1				
1.0	0.2				
2.5	0.2				
3.5	0.2				
4.5	0.2	0.1			
7.0	0.4	0.1			
9.0	1.0	0.1	0.1		
11.0		0.2	0.1		
13.5		0.2	0.1		
17.0		0.3	0.1		
20.5		0.4	0.2		
23.0		0.5	0.3		
27.0		0.7	0.4		
30.5		0.9	0.5		
34.0		1.2	0.6	0.2	0.1
40.0			0.9	0.2	0.2
45.5			1.2	0.3	0.2
51.0				0.3	0.3
57.0				0.4	0.4
62.5				0.5	0.5
68.0				0.6	0.6

ICV PRESSURE LOSS (AT OPTIMAL FLOWS) IN kPa

Flow l/min	1" (25 mm) Globe	1½" (40 mm) Globe	2" (50 mm) Globe	3" (80 mm) Globe	3" (80 mm) Angle
1	14				
2	14				
4	14				
20	17				
40	20				
60	20				
75	20	9.6			
115	62	10			
150	139	12	5.0		
190		15	7.0		
225		18	9.3		
280		26	14		
340		37	20		
380		46	26		
450		65	36		
510		84	47		
565		104	57	16	12
660			79	22	17
750			103	29	23
850				38	30
950				47	38
1,050				58	47
1,135				69	56



AC Solenoid
 (P/N 606800)
 Two red wires

Built of solid brass, this valve can power through the fiercest irrigation conditions.

KEY BENEFITS

- Factory-installed Filter Sentry™ Mechanism scours the filter screen in dirty water conditions
- External/internal manual bleed allows for quick and easy activation at the valve
- Heavy-duty brass construction provides high pressure rating and reliability
- Double-beaded diaphragm seal design ensures leak-free performance
- Fabric-reinforced EPDM diaphragm and seat ensure greater performance in all water conditions
- Triple-tool bonnet screws are compatible with standard or Phillips screwdrivers as well as a nut driver
- Encapsulated solenoid with captive plunger used on every Hunter valve provides hassle-free service
- Flow control maximises efficiency and prolongs the life of the system

USER-INSTALLED OPTIONS

- Accu Sync™ Pressure Regulator at the valve*
- DC-Latching Solenoid for battery-operated controllers (P/N 458200)

FACTORY-INSTALLED OPTIONS

- DC: DC-Latching Solenoid for battery-operated controllers; **see page 103**

OPERATING SPECIFICATIONS

- Flow rate:
 - IBV-101G-FS: 0.03 to 9 m³/hr; 0.4 to 150 l/min
 - IBV-151G-FS: 0.03 to 34 m³/hr; 0.4 to 568 l/min
 - IBV-201G-FS: 0.03 to 45 m³/hr; 0.4 to 757 l/min
 - IBV-301G-FS: 0.03 to 68 m³/hr; 0.4 to 1,135 l/min
- Recommended pressure range: 1.5 to 15 bar; 150 to 1,500 kPa
- Temperature rating: 66°C
- Warranty period: 5 years

SOLENOID SPECIFICATIONS

- 24 VAC solenoid
 - 350 mA inrush, 190 mA holding, 60 Hz
 - 370 mA inrush, 210 mA holding, 50 Hz

* Accu Sync product information on **page 102**



IBV-101G-FS VALVE

Inlet diameter: 1" (25 mm)
Height: 14 cm
Length: 12 cm
Width: 8 cm



IBV-151G-FS VALVE

Inlet diameter: 1½" (40 mm)
Height: 17 cm
Length: 15 cm
Width: 15 cm



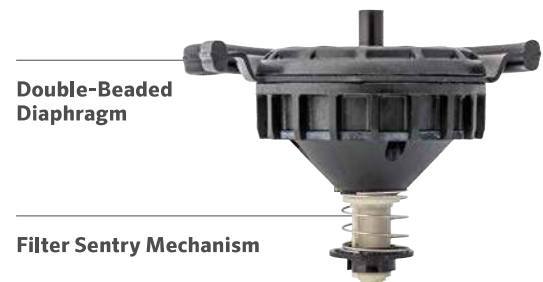
IBV-201G-FS VALVE

Inlet diameter: 2" (50 mm)
Height: 18 cm
Length: 15 cm
Width: 15 cm



IBV-301G-FS VALVE

Inlet diameter: 3" (80 mm)
Height: 23 cm
Length: 22 cm
Width: 18 cm



Double-Beaded Diaphragm

Filter Sentry Mechanism

IBV 1", 1½", 2" & 3" - SPECIFICATION BUILDER: ORDER 1 + 2 + 3 + 4

1	Model	2 Standard Features	3 Feature Options	4 User-Installed Options
	IBV-101G-B-FS = 1" (25 mm) BSP	Brass globe valve with flow control, Filter Sentry Mechanism	(blank) = No Option R = Purple reclaimed Filter Sentry Mechanism and ID tag (available only on 40 mm and 50 mm models) DC = DC-Latching Solenoid for battery-operated controllers LS = Less solenoid	AS-ADJ = Adjustable Accu Sync Pressure Regulator 458200 = DC-Latching Solenoid for battery-operated controllers 607105 = Reclaimed flow control handle LIT-700 = Reclaimed ID tag
	IBV-151G-B-FS = 1½" (40 mm) BSP			
	IBV-201G-B-FS = 2" (50 mm) BSP			
	IBV-301G-B-FS = 3" (80 mm) BSP			

Double-Beaded Chlorine-Resistant Diaphragm



Filter Sentry Mechanism

VALVES

Example:

IBV-201G-B-FS-AS-ADJ = 2" (50 mm) BSP IBV brass globe valve with flow control, Filter Sentry mechanism, user-installed adjustable Accu Sync Pressure Regulator

IBV PRESSURE LOSS (AT OPTIMAL FLOWS) IN BAR

Flow m³/hr	1" (25 mm) Globe	1½" (40 mm) Globe	2" (50 mm) Globe	3" (80 mm) Globe
0.05	0.1			
0.1	0.1			
0.3	0.1			
1.0	0.2			
2.5	0.2			
3.5	0.2			
4.5	0.2	0.1		
7.0	0.4	0.1		
9.0	1.0	0.1	0.1	
11.0		0.2	0.1	
13.5		0.2	0.1	
17.0		0.3	0.2	
20.5		0.4	0.2	
23.0		0.5	0.3	
27.0		0.7	0.4	
30.5		0.9	0.5	
34.0			0.6	0.2
40.0				0.2
45.5				0.3
51.0				0.3
57.0				0.4
62.5				0.5
68.0				0.6

IBV PRESSURE LOSS (AT OPTIMAL FLOWS) IN kPa

Flow l/min	1" (25 mm) Globe	1½" (40 mm) Globe	2" (50 mm) Globe	3" (80 mm) Globe
0.1	14			
0.5	14			
4	14			
20	17			
40	20			
60	20			
75	20	9.6		
115	62	10		
150	139	12	5	
190		15	7	
225		18	9.3	
280		26	14	
340		37	20	
380		46	26	
450		65	36	
510		84	47	
565			57	16
660				22
750				29
850				38
950				47
1,050				58
1,135				69

QUICK COUPLERS

The sturdy red brass and stainless steel construction of Quick Couplers strengthens any project.

FEATURES

- 100% interchangeable with major brands
- Red brass and stainless steel construction
- Heavy-duty thermoplastic locking and non-locking covers
- Optional winged stabilisation and Acme key connection
- Stainless steel lug on 1" (25 mm) and 1¼" (32 mm) keys
- Spring-loaded covers with stainless steel springs for positive closing and protection of valve's sealing components
- Warranty period: 5 years



Quick Couplers

HQ QUICK COUPLER - SPECIFICATION BUILDER: ORDER 1 + 2 + 3

1 Model	2 Cover Options	3 Additional Options
HQ-3 = ¾" inlet, 1-piece body, 2 slots HQ-5 = 1" (25 mm) inlet, 1-piece body, 1 slot HQ-33D = ¾" inlet, 2-piece body, 2 slots HQ-44 = 1" (25 mm) inlet, 2-piece body, 1 slot or Acme	RC = Yellow rubber cover LRC = Yellow locking rubber cover <i>(Not available for HQ-3 body)</i>	(blank) = No option AW = Acme key with anti-rotation wings <i>(Only available for HQ-44 body)</i> BSP = BSP threads <i>(Only available for HQ-5 body)</i> R = Purple locking cover <i>(reclaimed water ID; only available for LRC models)</i>

Examples:

- HQ-3-RC = HQ-3 valve with rubber cover
- HQ-44-LRC = HQ-44 valve with locking rubber cover
- HQ-44-LRC-R = HQ-44 valve with locking rubber cover and purple locking cover
- HQ-44-LRC-AW-R = HQ valve, with locking rubber cover, Acme key socket, anti-rotation wings and purple locking cover
- HQ-5-LRC-BSP = HQ-5 valve with locking rubber cover and BSP threads



Reclaimed Water Option
 All locking models have an optional purple cover for sites using reclaimed water.

HK KEYS

Key Model	Compatible Valve	Compatible Swivel
HK-33 = ¾" valve, ¾" key inlet	HQ-3, HQ-33	HS-0
HK-44 = 1" (25 mm) valve, 1" (25 mm) key inlet	HQ-44	HS-1, HS-2, HS-1-B, HS-2-B
HK-44A = 1" (25 mm) valve, Acme key inlet	HQ-44-AW	HS-1, HS-2, HS-1-B, HS-2-B
HK-55 = 1" (25 mm) valve, 1¼" (32 mm) key inlet	HQ-5	HS-1, HS-2, HS-1-B, HS-2-B

HS HOSE SWIVELS

Hose Swivel	Compatible Key
HS-0 = ¾" inlet, ¾" hose outlet	HK-33
HS-1 = 1" (25 mm) inlet, ¾" hose outlet	HK-44, HK-44A, HK-55
HS-2 = 1" (25 mm) inlet, 1" (25 mm) hose outlet	HK-44, HK-44A, HK-55
HS-1-B = 1" (25 mm) inlet, ¾" (20 mm) BSP outlet	HK-44, HK-44A, HK-55
HS-2-B = 1" (25 mm) inlet, 1" (25 mm) BSP outlet	HK-44, HK-44A, HK-55

QUICK COUPLER, KEY, AND HOSE SWIVEL CHARTS

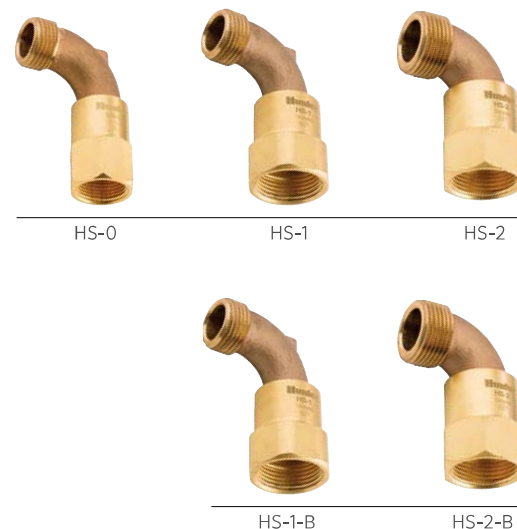
Model	Inlet Threads	Slots	Body	Colour*	Locking	Key	Swivels
HQ-3-RC	¾"	2	1-piece	Yellow	No	HK-33	HS-0
HQ-33-DRC	¾"	2	2-piece	Yellow	No	HK-33	HS-0
HQ-33-DLRC	¾"	2	2-piece	Yellow	Yes	HK-33	HS-0
HQ-44-RC	1" (25 mm) NPT	1	2-piece	Yellow	No	HK-44	HS-1 or HS-2
HQ-44-LRC	1" (25 mm) NPT	1	2-piece	Yellow	Yes	HK-44	HS-1 or HS-2
HQ-44-RC-AW	1" (25 mm) NPT	Acme	2-piece wing**	Yellow	No	HK-44A	HS-1 or HS-2
HQ-44-LRC-AW	1" (25 mm) NPT	Acme	2-piece wing**	Yellow	Yes	HK-44A	HS-1 or HS-2
HQ-5-RC	1" (25 mm) NPT	1	1-piece	Yellow	No	HK-55	HS-1 or HS-2
HQ-5-LRC	1" (25 mm) NPT	1	1-piece	Yellow	Yes	HK-55	HS-1 or HS-2
HQ-5-RC-BSP	1" (25 mm) BSP	1	1-piece	Yellow	Yes	HK-55	HS-1 or HS-2
HQ-5-LRC-BSP	1" (25 mm) BSP	1	1-piece	Yellow	Yes	HK-55	HS-1 or HS-2

Notes:

* All locking cover models are available with purple covers for reclaimed water applications

** Anti-rotation stabilisation wings

HQ PRESSURE LOSS IN BAR					HQ PRESSURE LOSS IN kPa				
Flow m ³ /hr	HQ-3	HQ-33	HQ-44	HQ-5	Flow l/min	HQ-3	HQ-33	HQ-44	HQ-5
1	0.06	0.07			18.9	5.5	6.9		
2.3	1.12	0.14			37.9	12.4	13.8		
3.4	0.28	0.30	0.15		56.8	28.3	29.6	15.2	
4.5	0.50	0.52	0.30	0.07	75.7	49.6	52.4	30.3	6.9
6.8			0.79	0.21	113.6			79.3	20.7
9.1				0.43	151.4				43.4
11.4				0.63	189.3				63.4
13.6				0.90	227.1				89.6
15.9				1.37	265.0				136.5



ACCU SYNC™ PRESSURE REGULATORS

Provides an easy solution to limit pressure for optimal performance.

OPERATING SPECIFICATIONS

- Regulation from 1.4 to 7.0 bar; 140 to 700 kPa
- Static pressure: 10 bar; 1,000 kPa
- Required dynamic pressure differential: 1.0 bar; 100 kPa
- Works with AC and DC-Latching Solenoids
- Works with any Hunter valve
- Warranty period: 2 years

ACCU SYNC PRESSURE REGULATOR RECOMMENDED FLOW RANGE

Valve	Flow	
	m ³ /hr	l/min
PGV-100/101	4.5 to 9.1	76 to 151
PGV-151	4.5 to 28	76 to 454
PGV-201	9.1 to 34	151 to 568
ICV-101	3.4 to 9.1	57 to 151
ICV-151	4.5 to 34	76 to 568
ICV-201	34 to 68	151 to 757
ICV-301	3.4 to 68	568 to 1,136
IBV-101	34 to 9.1	57 to 151
IBV-151	4.5 to 34	76 to 568
IBV-201	34 to 68	151 to 757
IBV-301	34 to 68	568 to 1,136

ACCU SYNC APPLICATIONS

- **Adjustable 1.4 to 7.0 bar** For full customisation, the adjustable Accu Sync can regulate pressure from 1.4 to 7.0 bar; 140 to 700 kPa

ACCU SYNC PRESSURE REGULATOR - SPECIFICATION BUILDER: ORDER 1 + 2

1 Model	2 Inlet/Outlet
ACCU SYNC	ADJ = Adjustable pressure regulator (1.4 to 7.0 bar)

Example:
ICV-201G-B-AS-ADJ = 2" (50 mm) BSP ICV globe valve with flow control, user-installed adjustable Accu Sync Pressure Regulator

ADJUSTABLE



ACCUSYNC-ADJ PRESSURE REGULATOR

Height with solenoid: 8 cm

ADAPTER



SOLENOID ADAPTER



Installation

Accu Sync shown installed on ICV Valve.

DC-LATCHING SOLENOID

Allows valve operation with battery-operated controllers.

KEY BENEFITS

- Compatible with all Hunter irrigation valves
- Compatible with NODE, NODE-BT, and XC Hybrid
- Captive plunger offers easy servicing of solenoid
- Manual quarter-turn on/off control

OPERATING SPECIFICATIONS

- Minimum opening/operating voltage: 6 VDC
- Maximum recommended voltage: 9 VDC
- Coil resistance: 4.8 ohms nominal
- Pulse width: 250 milliseconds
- Wire leads: 45 cm of 0.8 mm² black/red UL-approved wire

Note: See controller product pages for wiring distances



DC-Latching Solenoid

(P/N 458200)

One black (common) wire and one red (station) wire

AC SOLENOID

The standard solenoid for all electric controllers.

KEY BENEFITS

- Compatible with all Hunter irrigation valves
- Captive plunger offers easy servicing of solenoid
- Manual quarter-turn on/off control
- Wire leads: 45 cm of 0.8 mm² red UL-approved wire

OPERATING SPECIFICATIONS

- Minimum operating voltage: 20.5 VAC
- Maximum recommended voltage: 24 VAC
 - 350 mA inrush, 190 mA holding, 60 HZ
 - 370 mA inrush, 210 mA holding, 50 HZ
- Coil resistance: 23 to 28 ohms nominal



AC Solenoid

P/N 606800: Includes one red (common) and one red (station) wire