

EVO | EVOLUTION VALVES

PRESSURE CONTROL EXCELLENCE



EVO
FLO
600
kPa

EVO
FLO
600
kPa



ADVANCING PAST THE APEX
OF GERMAN ENGINEERING

EVO



INTRODUCTION

Dear Valued Partner,

I am delighted to share the story behind the inception of Evolution Valves and our remarkable journey in revolutionizing the plumbing industry in South Africa.

With over 12 years of experience, our journey began as a distributor, supplying high-quality products nationwide, including to Mass Mart, the largest retailer in South Africa. However, a significant turning point came when the manufacturer we partnered with decided to bypass us and engage directly with our clients. This pivotal moment sparked a bold vision within us: to innovate, manufacture, and supply our own line of superior plumbing products.

Recognizing the longstanding dominance of a few players in the South African market, particularly in the local manufacturing of pressure control valves protected for over 50 years, we knew we were facing formidable challenges. The prevailing belief was that it would be impossible for a new entrant to design innovative products and secure the critical SANS 198 certification.

Undeterred, we embarked on an ambitious journey. Over 3.5 years, through dedication, rigorous testing, and collaboration, we meticulously designed and perfected our range of valves. Our mission was clear: to bring cutting-edge, high-quality solutions that exceed market expectations. Achieving SANS 198 certification was a monumental milestone. We understood that this certification was not just a requirement but a testament to the quality and reliability of our products.

Through perseverance and a meticulous approach, we successfully obtained this certification within a year. I am proud to announce that we have completed our first successful year of supplying Evolution Valves to the South African market. Despite initial scepticism, our products have been warmly received by customers and industry professionals alike. We have carved out a niche by offering reliable, efficient, and certified valve solutions that meet the highest industry standards.

Our journey has been challenging, but our commitment to innovation and quality has never wavered. We are excited about the future and the opportunities that lie ahead for Evolution Valves. We continue to seek partnerships with those who share our values and vision for a more innovative and diverse plumbing industry.

Thank you for being a part of our journey. Together, we can drive forward the evolution of plumbing solutions in South Africa.

Warm regards,

Corrie Goosen
Director, Evolution Valves

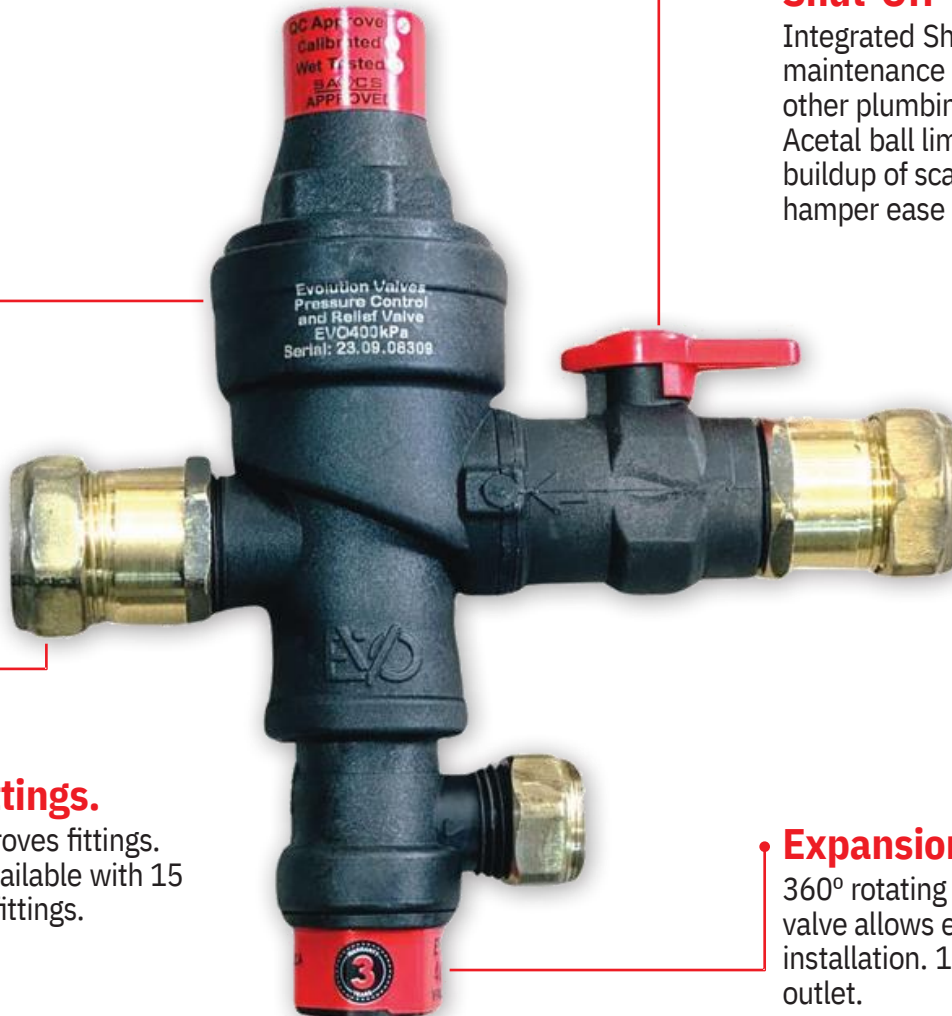
THE EVOLUTION **ADVANTAGE**

• **Polymer Body.**

Durable, resistant to corrosion and scale build-up. UV resistant.

• **Shut-Off Valve.**

Integrated Shut-Off valve eases maintenance of Geyser and other plumbing components. Acetal ball limits potential buildup of scale, which may hamper ease of operation.



• **DZR Fittings.**

SABS approves fittings. Valve is available with 15 or 22mm fittings.

• **Expansion Valve.**

360° rotating expansion valve allows easy installation. 15mm outlet.

Quality.

Quality remains one of the key pillars of continuous improvement. At Evolution Valves our staff continually receive training to ensure they adhere to our quality principles and observe correct procedures. All our products are wet tested to simulate real world installation, and ensure the highest possible quality is maintained. Evolution Valves products are tested to the highest South African national standards.



WHY CHOOSE EVOLUTION

Your trusted South African Manufacturer and Supplier of geyser accessories and plumbing components. “A new brand, **EVO FLO 600kPa** & **EVO FLO 400kPa** created by Industry experts offering the market, state of the art products, service, at best price.” The team behind the ‘**EVO FLO pressure control valve**’ have been part of geyser manufacturing sector for over 12 years. Distributing plumbing commodity nationally to the biggest retailers in South Africa, proudly with a 100% fill rate to date. Our core values are based on technology, quality, service, and an accurate pricing structure. The 1st local manufacturer in the history of the South African plumbing industry to launch a pressure control valve with a 3-year warranty.

- National after-sales service support by qualified plumbers
(on-site repair and/or replacement within (24hours)
Local call Center +27 (0) 12 004 3327 or after sales
service on +27 (0) 60 672 2291
- Developed and manufactured in South African the unique conditions found in South Africa.
- Local training support for your teams.
- Tried & quality-proven local exclusive ranges on offer Evolution Valves products have a:

National footprint.

Suitable for horizontal and vertical installation.



WARRANTY YOU CAN TRUST

Warranty: Evolution valves are backed by a guarantee for a period of 3 years, from date of manufacture, against faulty materials and/or defective workmanship.

The warranty shall not apply to damage caused by faulty operation due to foreign matter in the water supply or system, the connection of the

Product to impure or deleterious water supplies containing excessive dissolved salts or chemicals, the connection of the product in a manner

which does not comply with the manufacturer's recommendations, the relevant SANS and local plumbing code requirements or the abuse or

mutilation of the product or installed by a non-licensed plumber (Plumber details & license number will be required).

EVOLUTION VALVES undertakes to replace or repair, at its own discretion, any defective product, provided Evolution Valves incur no liability whatsoever.

Product "Failure": If a valve is perceived to be malfunctioning:

1. Follow the instructions on the installation leaflet supplied with the valve.
2. If the problem can not be resolved contact Evolution Valves and follow their directions.
3. If the problem persists, replace the valve and return the defective valve to an approved agent as soon as possible.
4. The replacement Evolution valve or does not carry any additional warranty
5. If Evolution Valves, finds the valve to be clear of defects, the valve will be cleaned and re-calibrated before being returned.

Consequential Damage: Although the Evolution Valves warranty does not provide for claims due to, consequential damages such provision is provided under its product Liability Insurance.

This insurance is subject to an evaluation of the failed product, by Evolution Valves, as well as inspection by an insurance assessor, and a report stating that the failure could have been prevented by Evolution Valves.

In the case of consequential damage as result of a perceived failure by an Evolution Valves product the following procedures must be followed:

- Customer to notify their own insurance company of the failure and consequential damage.
- Customer to obtain a directive from their insurance on how to proceed.
- Customer to follow the directive of their insurance to clear up the damage and repair the failure and damage unless otherwise advised by their insurance company.

Notify Evolution Valves, in writing, of the failure and damage providing full details of the relevant premises, the failure and the damage (including photographs and details of the installing plumber) as well as two estimates of the repair cost. Also stating why Evolution Valves is deemed accountable for such damage. Once the claim has been referred to the insurers, they will evaluate legal liability and policy response. (The decision to accept or reject the claim rests entirely with the Insurer.)

Insurance payout: If the customer's own insurance decides to carry the cost of the damage repair and Evolution Valves found the product to be defective, Evolution Valve, at its own discretion, will contribute toward the relevant excess payment.



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PRESSURE CONTROL VALVES (22mm)

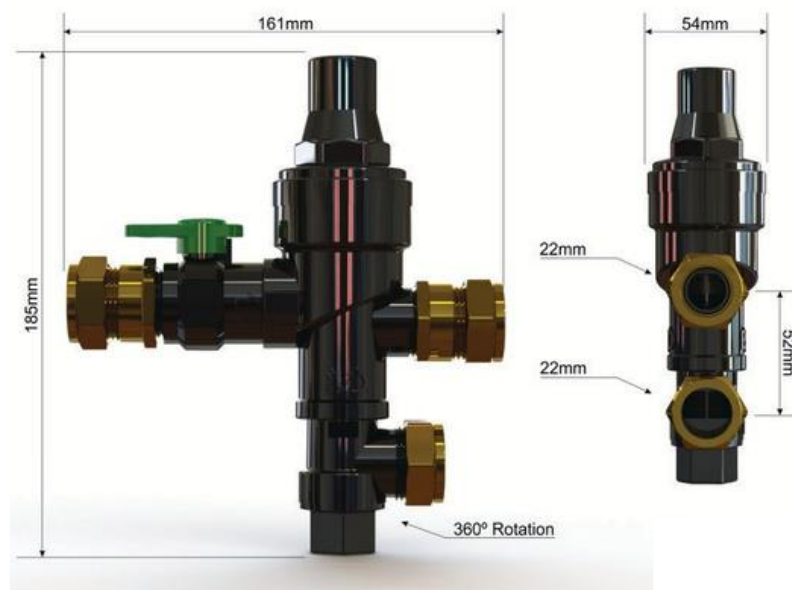
Pressure control valve MUST be fitted to the cold-water supply, purpose of the pressure control valve is to balance the water pressure of the hot and cold-water and reduces the cold-water pressure to the same pressure required by the geyser as most geysers have a maximum working pressure.



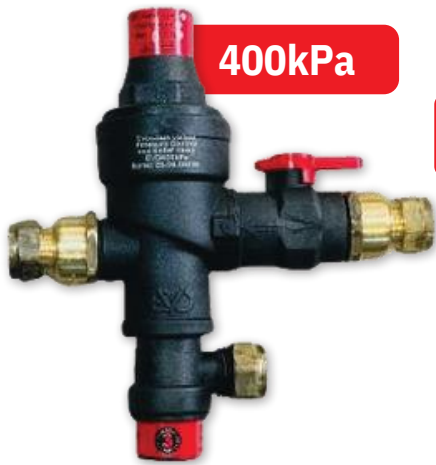
22mm Valve. Bar Code:
6009880621187
Product Code: EVO-22V-400
Weight: 0.47Kg.



22mm Valve. Bar Code:
6009880621194
Product Code: EVO-22V-600
Weight: 0.47Kg.



PRESSURE CONTROL VALVES (15mm)



400kPa

VALVES IDENTIFICATION & PERFORMANCE
400kPa 280 - 340

EXPANSION
380 - 400

15mm Valve. Bar Code:
781718094849
Product Code: EVO-15V-400
Weight: 0.47Kg.

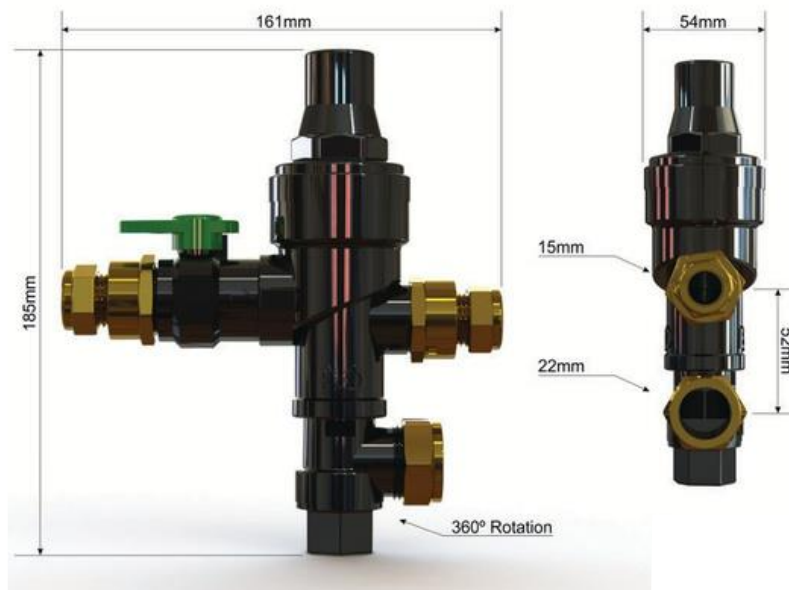


600kPa

VALVES IDENTIFICATION & PERFORMANCE
600kPa 420 - 510

EXPANSION
570-600

15mm Valve. Bar Code:
781718094856
Product Code: EVO-15V-600
Weight: 0.47Kg.



VALVE PACKS



22mm Valve + 2 Vacuum Breakers.
Bar Code: 606110189699
Product Code: EVO-22VP-400 Weight:
0.59Kg.



15mm Valve + 2 Vacuum Breakers.
Bar Code: 781718096539
Product Code: EVO-15VP-400
Weight: 0.59Kg.



22mm Valve + 2 Vacuum Breakers.
Bar Code: 606110189705
Product Code: EVO-22VP-600 Weight:
0.59Kg.



15mm Valve + 2 Vacuum Breakers.
Bar Code: 781718096522
Product Code: EVO-15VP-600
Weight: 0.59Kg.

VACUUM BREAKER

Prevents hot water cylinders from collapsing and siphonage, vacuum breakers must be fitted on inlet and outlet of a hot water cylinders. At a minimum of 300mm higher than the top of the hot water cylinder.



**22mm Vacuum Breakers. Bar Code: 606110189699
Product Code: EVO-22VP-400
Weight: 0.59Kg.**



**15mm Vacuum Breakers. Bar Code: 781718096492
Product Code: EVO-VB-15
Weight: 0.1Kg.**



TEMPERATURE, SAFETY VALVE MALE

Safety valve drainpipe to be plumbed to a suitable place of discharge and never to be interconnected with expansion relief valve drainpipe. Safety valve drainpipe never to be plumbed into pvc sewer or waste pipes.



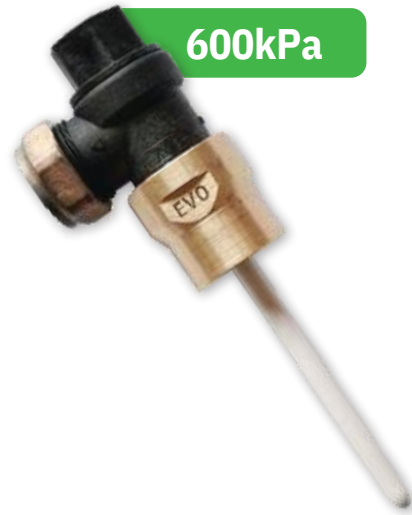
22mm TP Valve, Male. Bar Code:
606110205474
Product Code: EVO-TP-22M400
Weight: 0.22Kg.



22mm TP Valve, Male. Bar Code:
606110189668
Product Code: EVO-TP-22M600
Weight: 0.22Kg.

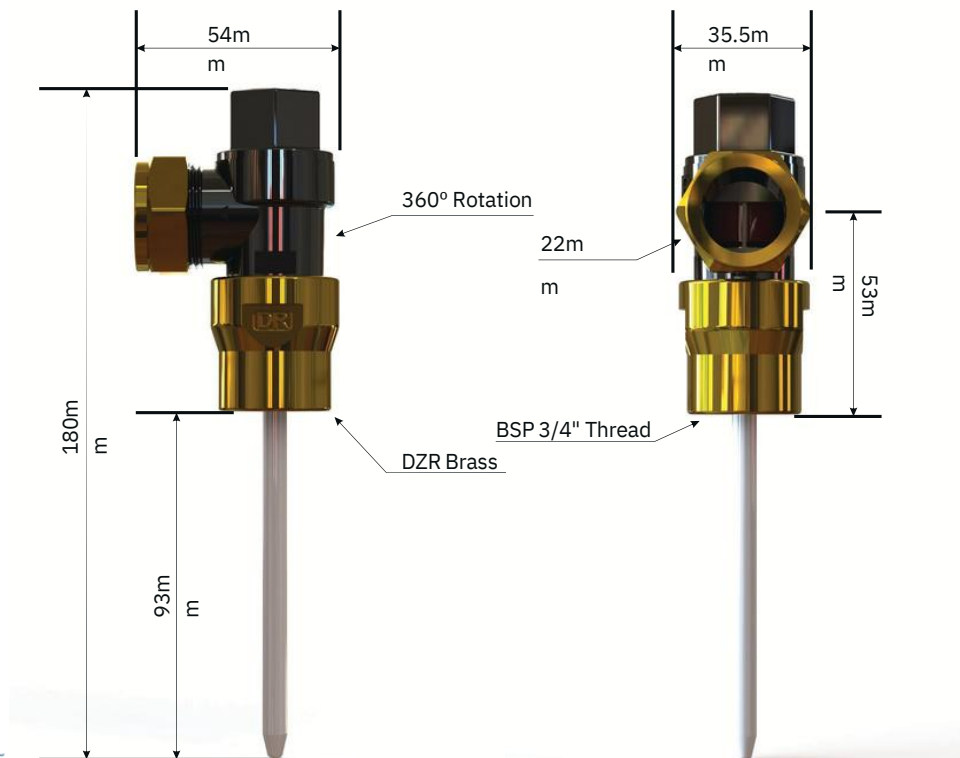


TEMPERATURE, SAFETY VALVE FEMALE



22mm TP Valve, Female. Bar Code:
606110205467
Product Code: EVO-TP-22F400
Weight: 0.22Kg.

22mm TP Valve, Female. Bar Code:
606110189675
Product Code: EVO-TP-22F600
Weight: 0.22Kg.



DRAIN COCK MALE AND FEMALE

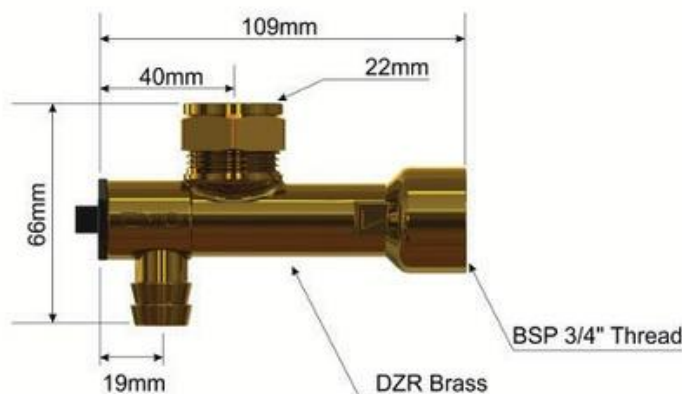
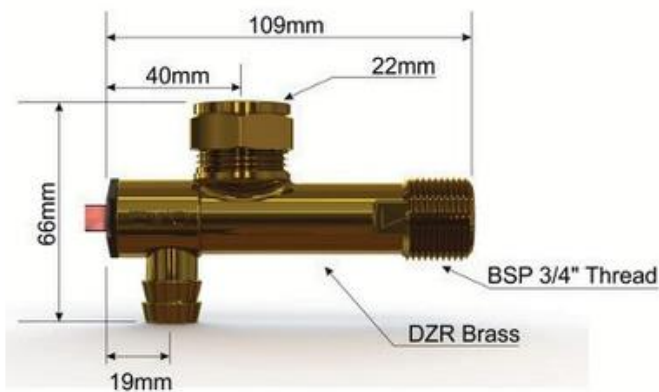
The connection for cold water supply to the geyser also allows for the hot water cylinder to be drained.





**22mm Drain Cock, Male. Bar Code: 60611020205443
Product Code: EVO-DC-22M
Weight: 0.25Kg.**



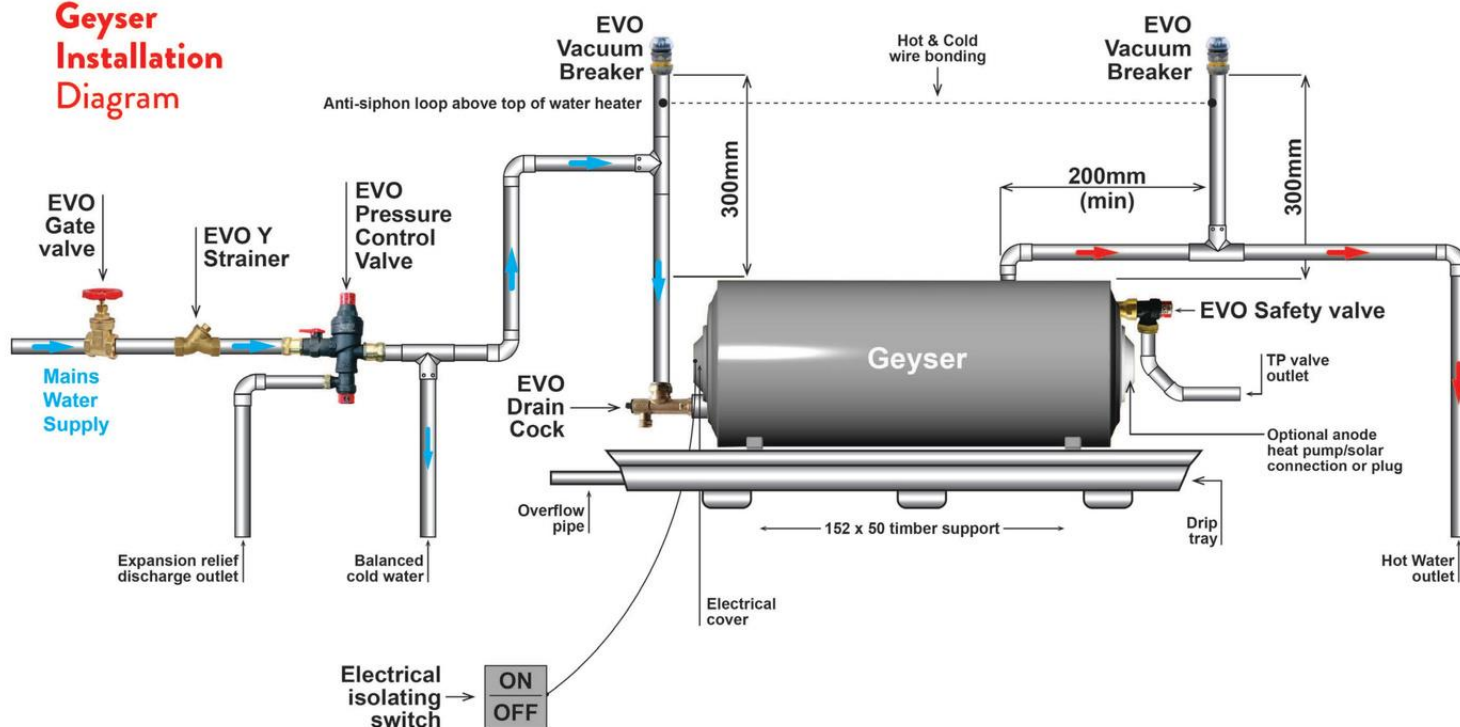
**22mm Drain Cock, Female. Bar Code: 781718096508
Product Code: EVO-DC-22F
Weight: 0.25Kg.**



ANCILLARIES

 <p>Gate Valve 1/2 FxF Product Code: EVO-GV 1/2</p>	 <p>Gate Valve 3/4 FxF Product Code: EVO-GV 3/4</p>	 <p>Y-Strainer FxF 1/2 Product Code: EVO-YSVB 1/2</p>	 <p>Y-Strainer FxF 3/4 Product Code: EVO-YSVB 3/4</p>
 <p>Spring Loaded Check Valve 1/2 FxF Product Code: EVO-SPLV 1/2</p>	 <p>Spring Loaded Check Valve 3/4 FxF Product Code: EVO-SPLV 3/4</p>	 <p>Spring Loaded Check Valve 1" Product Code: EVO-SPLV1"</p>	 <p>Brass Swing Check EVO-SCV 1/2 Product Code: EVO-SCV 1/2</p>
 <p>Brass Swing Check Valve 3/4 FxF Product Code: EVO-SCV 3/4</p>	 <p>Drain Cock - CxC - 15mm Product Code: EVO-DC-15CXC</p>	 <p>Drain Cock - Small Female Product Code: EVO-DC-3/4 SF</p>	 <p>Non-Return Valve CxC 22mm Product Code: EVO-NRV 22CXC</p>

Geyser Installation Diagram



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HEAD OFFICE (GAUTENG):

+27 12 004 3326 (Office)
+27 60 672 2291 (Alternative)

Patrick Ntuli – +27 68 448 3789
(Head of Sales Gauteng)



WESTERN CAPE:

Wim Meyer - +27 82 680 0795



Gauteng: info@evopriv.co.za

Western Cape:

wcsales@evopriv.co.za



www.evopriv.co.za



HEAD OFFICE: 47 Regency Drive, Route 21 Corporate Park, Irene, Centurion, Ext 72, 0046 **WESTERN CAPE:** 12 Pear Grove Street, Capolavoro Mountain Estate, Kylemore, 7600, Stellenbosch



AFTER SALES SERVICE:

Landline - +27 12 004 3327

Mobile - +27 60 672 2291

SCAN QR CODE
TO VISIT OUR
WEBSITE

