

# Black Teknigas Combustion Range

Gas Safety Shut-Off Valves



## GAS SAFETY SHUT-OFF VALVES

### POWERSEAT® ECO ELECTRO HYDRAULIC GAS SAFETY SHUT OFF VALVE

The Powerseat® electro-hydraulic gas shut-off valve allows the control and safety shut-off of low pressure combustible gases in pipes from 40mm to 250mm, whilst focusing on being energy efficient and environmentally friendly. The Powerseat® Eco shut-off valve is kept open by a hydraulic pump where hydraulic fluid is forced into a cylinder driving the valve open.

#### New and improved features

- LED to display "ON" and "Manual Re-set Required" status
- Increased environmental protection to IP56 equivalent
- Manual re-set switch incorporated on all versions
- IP67 equivalent rating option available. (increased cost)
- Screwless quick connections for installation of electrics
- Volt free contacts for BMS connection

#### Power consumption

- Uses just 6% of the power of a comparable magnetic solenoid valve
- Reduced electricity running costs: Uses just a fraction of the energy required by permanently energized magnetic solenoid valves
- Improved energy efficiency from previous model, reduced from 26VA to 10VA

#### Environmental factors

- Around 768kg less carbon emissions than with a comparable magnetic solenoid valve
- Saves equivalent carbon emissions of 3,758 miles in a car.

#### Quality

- 3 year warranty as standard
- UK manufactured
- EC certified
- IP54 standard:
  - Dust protected - no harmful deposit
  - Splash protected - from any direction
- Certified to EN161, Class A Group 2 construction

### POWERSEAT® ECO ELECTRO HYDRAULIC GAS SAFETY SHUT OFF VALVE

#### Aluminium Body - Screwed Connections

PRODUCT CODE	SIZE/STYLE	UNIT	PRICE £
PE6683110V	1.1/2" BSP 110V, Aluminium Body, Screwed	each	858.00
PE6684110V	2" BSP 110V, Aluminium Body, Screwed	each	885.00
PE6685110V	2.1/2" BSP 110V, Aluminium Body, Screwed	each	915.00
PE6686110V	3" BSP 110V, Aluminium Body, Screwed	each	929.00
PE6683230V	1.1/2" BSP 230V, Aluminium Body, Screwed	each	831.00
PE6684230V	2" BSP 230V, Aluminium Body, Screwed	each	858.00
PE6685230V	2.1/2" BSP 230V, Aluminium Body, Screwed	each	888.00
PE6686230V	3" BSP 230V, Aluminium Body, Screwed	each	902.00



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#### Cast iron Body - Flanged Connections

PRODUCT CODE	SIZE/STYLE	UNIT	PRICE £
PE6685FL4110V	6685 FL 110V 65mm, Cast Iron Body, Flanged	each	1162.00
PE6686FL4110V	6686 FL 110V 80mm, Cast Iron Body, Flanged	each	1323.00
PE6687FL4110V	6687 FL 110V 100mm, Cast Iron Body, Flanged	each	1460.00
PE6689FL4110V	6689 FL 110V 150mm, Cast Iron Body, Flanged	each	2347.00
PE6685FL4230V	6685 FL 230V 65mm, Cast Iron Body, Flanged	each	1135.00
PE6686FL4230V	6686 FL 230V 80mm, Cast Iron Body, Flanged	each	1296.00
PE6687FL4230V	6687 FL 230V 100mm, Cast Iron Body, Flanged	each	1433.00
PE6689FL4230V	6689 FL 230V 150mm, Cast Iron Body, Flanged	each	2320.00



### POWERSEAT® ELECTRO HYDRAULIC GAS SAFETY SHUT OFF VALVE

#### Cast iron Body - Flanged Connections. 8" & 10" available in Powerseat® specifications.

PRODUCT CODE	SIZE/STYLE	UNIT	PRICE £
BC66810FL4110V	66810FL 110V 200mm, Cast Iron Body, Flanged	each	6759.00
BC66811FL4110V	66810FL 110V 250mm, Cast Iron Body, Flanged	each	8386.00
BC66810FL4230V	66810FL 230V 200mm, Cast Iron Body, Flanged	each	6732.00
BC66811FL4230V	66810FL 230V 250mm, Cast Iron Body, Flanged	each	8359.00

## GAS SAFETY SHUT-OFF VALVES

## Powerseat® ELECTRO-HYDRAULIC VALVES - SPARE PARTS

OPTIONAL EXTRAS	DESCRIPTION	UNIT	PRICE £
BC668*/SWa	Open Position Switch	each	52.25
	110V 50Hz AC version +	each	27.00

ACCESSORIES	DESCRIPTION	UNIT	PRICE £
BC66RS	PowerSet Manual Reset Switch (Integral)	each	63.25
BC66RSR	PowerSet Manual Reset Switch (Remote)	each	103.75
BC66ETF	PowerLink Thermal Fuse	each	17.25
BC66MRF	PowerLink Resettable Thermal Fuse	each	154.86
BC66ESB	PowerSev Emergency Switch (Die-cast)	each	105.60
BC66ESB/P	PowerSev Emergency Switch (Plastic)	each	11.45
BC66ESB/K	PowerSev Emergency Switch - Key op	each	12.55



Spares for series 660x, 662x and 664x are no longer available.

## Series 666x and 668x

PRODUCT CODE	SIZE/STYLE	VOLTAGE	UNIT	PRICE £
BC668S 110V	BC6663, 6664, 6683, 6684	110V 50Hz AC	each	628.51
BC668S 230V	BC6663, 6664, 6683, 6684	230V 50Hz AC	each	595.75
BC668LS 110V	BC6665, 6666, 6685, 6686	110V 50Hz AC	each	743.90
BC668LS 230V	BC6665, 6666, 6685, 6686	230V 50Hz AC	each	721.00
BC668HS 110V	BC6685FL4, 6686FL4	110V 50Hz AC	each	796.20
BC668HS 230V	BC6685FL4, 6686FL4	230V 50Hz AC	each	759.30
BC6687S 110V	BC6687FL4	110V 50Hz AC	each	932.70
BC6687S 230V	BC6687FL4	230V 50Hz AC	each	904.15
BC6689S 110V	BC6689FL4	110V 50Hz AC	each	1319.20
BC6689S 230V	BC6689FL4	230V 50Hz AC	each	1289.20
BC66810S 110V	BC66810FL4	110V 50Hz AC	each	3103.35
BC66810S 230V	BC66810FL4	230V 50Hz AC	each	3079.65
BC66811S 110V	BC66811FL4	110V 50Hz AC	each	3986.90
BC66811S 230V	BC66811FL4	230V 50Hz AC	each	3973.85

## Powerseat® Accessories

PRODUCT CODE	SIZE/STYLE	UNIT	PRICE £
N101706000	Thermal Fuse for BC66ETF	each	2.30

## Provengas Automatic Gas Proving System - Spare Part

PRODUCT CODE	SIZE/STYLE	UNIT	PRICE £
PGLSPAN	Labsafe Control Panel	each	350.00
PGCSPAN	Cooksafe Control Panel	each	350.00
PGLS/CSTRAN	Pressure Transducer for Labsafe/Cooksafe	each	385.00
KEYPGSMED	Spare Key for Labsafe/Cooksafe	each	9.10

bar **BLÜCHER**<sup>®</sup> MICROFLEX<sup>®</sup> SOCLA  valpes

 **WATTS**<sup>®</sup>