**CETOP 3 VALVES • SECTION NP3** 

# FLOWFIT CETOP 3 VALVES

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# FLOWFIT CETOP 3 NG6 SOLENOID DIRECTIONAL CONTROL VALVE

Flowfit offer a large range of solenoid operated CETOP 3 NG6 with a maximum flow of 80 l/min, commonly used in powerpacks and other hydraulic applications. Available in 12VDC, 24VDC, 110VAC and 220VAC.

Flowfit F5-02 series CETOP 3 NG6 solenoid valves are Electro-Hydraulic spool type valves. They are solenoid operated and control the start, stop and direction of the oil flow in the hydraulic circuit.

They are used for hydraulic powerpacks as well as for stand alone hydraulic manifold blocks.



#### **SPECIFICATION**

Nominal Size: NG6

Maximum Flow Rate: 80 I/min

Maximum Pressure: A,B,P = 315 Bar T = 16 Bar

Seal Material:- NBR

Max Fluid Temperature:  $-20^{\circ}$  to  $70^{\circ}$ C Oil Viscosity: -2.8 to 380 mm2/sSwitch Cycles Open:  $50 \sim 60 \text{ms}$ Closed:  $50 \sim 70 \text{ms}$ 

Switch Frequency: 15000 times per hour

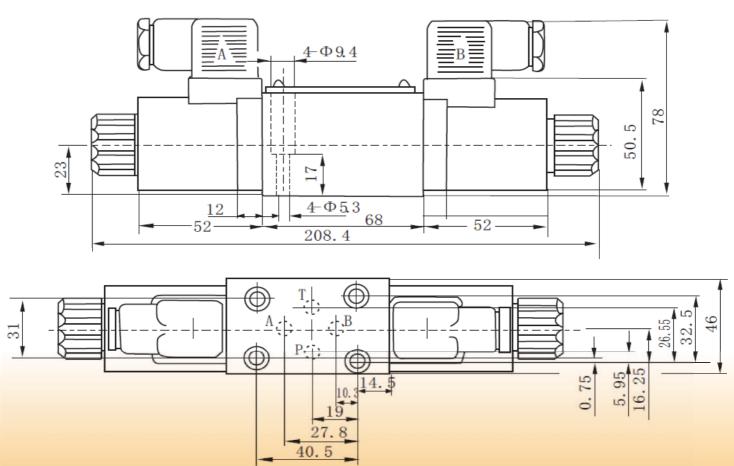
Insulation Grade: IP65

**Weight:** Single Solenoid: 1.5kg, Double Solenoid: 2.2kg

Voltages: 12VDC = D1, 24VDC = D2,

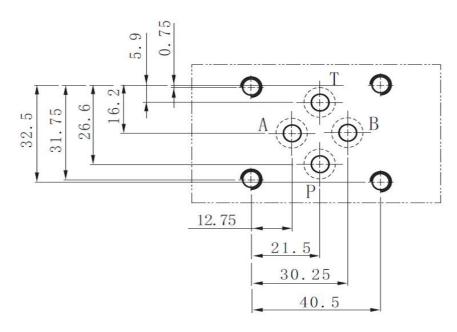
110V/AC 50HZ = A1, 220V/AC 50HZ = A2

Manual Override: Standard on all valves Connector Type: DIN Plug (with LED)



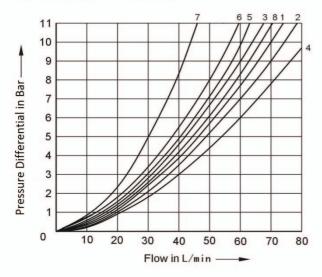


### **BASE PORT DIMENSIONS**



### CHARACTERISTIC CURVES (measured at v=41mm²/s and t=50°C)

CETOP 3 (Nominal Size: NG6)



	Flow Direction				
Spool Type	P-A	P-B	A - T	B - T	P-T
2B2	5	5	3	3	_
2B3	1	1	3	1	_
3C2	3	3	1	1	_
3C3	2	4	2	2	_
3C4	1	1	2	1	_
3C5	1	3	1	1	_
3C9	2	4	3	3	_
3C10	3	3	8	4	-
3C12	3	3	4	8	-
3C25	3	1	1	1	-
3C40	1	1	2	2	-
3C60	6	6	8	8	7

	Flow Direction				
Spool Type	P-A	P - B	A - T	B - T	P-T
2B2A	3	-	-	1	_
2B2AL	-	3	1	-	_
2B2B	_	3	1	-	_
2B2BL	3	_	-	1	-
2B3A	2	_	_	2	_
2B3AL	-	4	2	-	_
2B3B	_	4	2	_	-
2B3BL	2	_	-	2	_
2B4B	-	1	2	1	-
2B4BL	1	-	2	1	-
2B5B	1	-	-	1	_
2B5BL	-	3	1	-	-

Cusal Time	Flow Direction				
Spool Type	P-A	P - B	A - T	B - T	P-T
2B9B	-	4	3	-	-
2B9BL	2	-	-	3	_
2B10B	-	3	8	-	-
2B10BL	3	-	_	4	-
2B12B	_	3	4	_	_
2B12BL	3	-	-	8	_
2B25B	3	1	-	1	ı
2B25BL	-	1	1	1	-
2B40B	-	1	2	-	1
2B40BL	1	_	-	2	-
2B60B	6	-	-	8	7
2B60BL	-	6	8	-	7



### **CETOP 3 NG6 PRICE LIST**

FLOWFIT CETOP 3 NG6 SPRING CENTERED 3 POSITION DOUBLE ACTING SOLENOID DIRECTIONAL CONTROL VALVE				
PRODUCT REFERENCE	SINGLE/DOUBLE SOLENOID	CONFIGURATION	SPOOL RETURN	RRP
F5-02-3C2-**	DOUBLE	3 POSITION	SPRING	£82.68
F5-02-3C3-**	DOUBLE	3 POSITION	SPRING	£82.68
F5-02-3C4-**	DOUBLE	3 POSITION	SPRING	£82.68
F5-02-3C5-**	DOUBLE	3 POSITION	SPRING	£82.68
F5-02-3C9-**	DOUBLE	3 POSITION	SPRING	£82.68
F5-02-3C10-**	DOUBLE	3 POSITION	SPRING	£82.68
F5-02-3C11-**	DOUBLE	3 POSITION	SPRING	£82.68
F5-02-3C12-**	DOUBLE	3 POSITION	SPRING	£82.68
F5-02-3C25-**	DOUBLE	3 POSITION	SPRING	£82.68
F5-02-3C40-**	DOUBLE	3 POSITION	SPRING	£82.68
F5-02-3C60-**	DOUBLE	3 POSITION	SPRING	£82.68

**NOTE: SUBSTITUTE THE \*\* WITH VOLTAGE PREFERENCE.** 12VDC=D1, 24VDC=D2, 110V/AC 50HZ=A1, 220V/AC 50HZ=A2

	FLOWFIT CETOP 3 N SINGLE ACTING SOLEN	NG6 SPRING OFFSET 2 IOID DIRECTIONAL CO		
PRODUCT REFERENCE	SINGLE/DOUBLE SOLENOID	CONFIGURATION	SPOOL RETURN	RRP
F5-02-2B2-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B2L-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B2A-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B2AL-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B2B-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B2BL-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B3-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B3L-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B3A-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B3AL-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B3B-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B3BL-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B4B-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B4BL-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B5B-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B5BL-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B8-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B8L-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B9B-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B9BL-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B10B-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B10BL-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B11B-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B11BL-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B12A-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B12AL-**	SINGLE	2 POSITION	SPRING	£61.48
F5-02-2B12B-**	SINGLE	2 POSITION	SPRING	£61.48

SINGLE



£61.48

#### **SPRING CENTERED 3 POSITION SOLENOID DIRECTIONAL CONTROL VALVE** PRODUCT REFERENCE SINGLE/DOUBLE SOLENOID SPOOL RETURN **CONFIGURATION RRP** F5-02-2B12BL-\*\* SINGLE 2 POSITION **SPRING** £61.48 F5-02-2B25B-\*\* SINGLE 2 POSITION **SPRING** £61.48 F5-02-2B25BL-\*\* £61.48 SINGLE 2 POSITION **SPRING** F5-02-2B40B-\*\* SINGLE 2 POSITION **SPRING** £61.48 F5-02-2B40BL-\*\* SINGLE 2 POSITION **SPRING** £61.48 F5-02-2B60B-\*\* SINGLE 2 POSITION **SPRING** £61.48

**NOTE: SUBSTITUTE THE \*\* WITH VOLTAGE PREFERENCE.** 12VDC=D1, 24VDC=D2, 110V/AC 50HZ=A1, 220V/AC 50HZ=A2

2 POSITION

b AB a 3c3 PT	b AB 2B3B PT	AB a a 2B3BL PT
b AB a 3C2 PT	B AB L L L L L L L L L L L L L L L L L L	AB  THE AB  2B2BL PT
b AB a 3C12 PT	b AB 2B12B PT	AB a 2B12BL PT
b AB a	AB D AB 2B4B PT	AB a 2B4BL PT
b AB a a 3C9 PT	b AB 2B9B PT	AB a 2B9BL PT
b AB a 3C5 PT	AB 2B5B PT	AB a 2B5BL PT
b AB a 3C60 PT	AB D AB 2B60B PT	AB a 2B60BL PT
b AB a a 3C25 PT	b AB 2B25B PT	AB a 2B25BL PT
b AB a 3C10 PT	b AB 2B10B PT	AB a 2B10BLPT
b AB a 3C40 PT	B AB	AB a a 2B40BLPT
b AB a 3C11 PT	B AB	AB a 2B11BL PT

b AB PT	AB AB PT 2B3L
b I I I AB PT	AB I I a a PT 2B2L
b T I I I T T T T T T T T T T T T T T T	AB I I I a a PT 2B8L
b II I I I PT	AB I I I a PT 2B12AL
b II I I I I I I I I I I I I I I I I I	AB I I I I a PT 2B2AL
b AB PT	AB a a 2B3AL

**SPRING** 

F5-02-2B60BL-\*\*



# FLOWFIT CETOP 3 NG6 MODULAR RELIEF VALVE



# FLOWFIT CETOP 3 NG6 MODULAR RELIEF VALVE

The Flowfit CETOP 3 NG6 Modular Relief Valve is available in a variety of configurations to control pressure in either the P, A or B ports.

There are three pressure ranges to choose from, providing the versatility to control system pressure in any application.

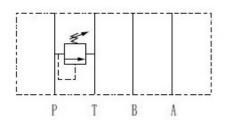
Pressure can be adjusted using the plastic knob (standard on all modular relief valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once pressure has been set (Available upon request).

The pressure ranges available are:

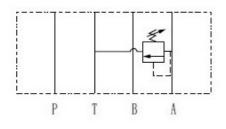
8 - 70bar

35 - 140bar

70 - 250bar



FFRV-P



**FFRV-A** 

### **SPECIFICATION**

Nominal Size: NG6

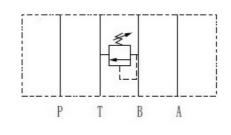
Maximum Flow Rate: 35 I/min Maximum Pressure: 250 Bar

Seal Material:- NBR

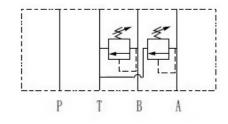
Max Fluid Temperature: -20° to 70°C
Oil Viscosity: -2.8 to 380 mm2/s
Weight
P, A, B: 1.5kg

C: 1.7kg

Manual Adjustment: Standard on all valves



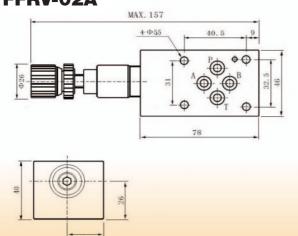
FFRV-B



**FFRV-C** 

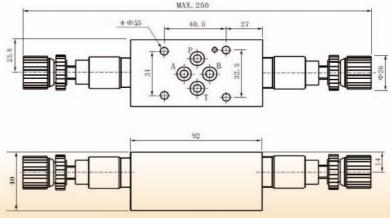
### **DIMENSIONS**

# FFRV-02A



#### **UNIT.mm**

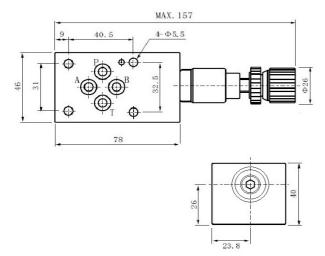
# FFRV-02C



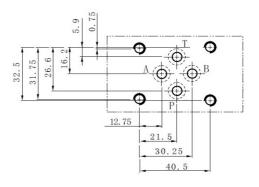
# FLOWFIT CETOP 3 NG6 MODULAR RELIEF VALVE



# FFRV-02B/P



# Mounting size



	CETOP 3 NG6 MODULAR RELIEF VALVE PRICE LIST	
PRODUCT REFERENCE	SINGLE/DOUBLE SOLENOID	RRP
FFRV-02P-K-1-20	CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON P	£69.96
FFRV-02P-K-2-20	CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON P	£69.96
FFRV-02P-K-3-20	CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON P	£69.96
FFRV-02A-K-1-20	CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON A	£69.96
FFRV-02A-K-2-20	CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON A	£69.96
FFRV-02A-K-3-20	CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON A	£69.96
FFRV-02B-K-1-20	CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON B	£69.96
FFRV-02B-K-2-20	CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON B	£69.96
FFRV-02B-K-3-20	CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON B	£69.96
FFRV-02C-K-1-20	CETOP 3 MODULAR RELIEF VALVE 8-70BAR ON A+B	£98.58
FFRV-02C-K-2-20	CETOP 3 MODULAR RELIEF VALVE 35-140BAR ON A+B	£98.58
FFRV-02C-K-3-20	CETOP 3 MODULAR RELIEF VALVE 70-250BAR ON A+B	£98.58



# FLOWFIT CETOP 3 NG6 MODULAR REDUCING VALVE



#### **SPECIFICATION**

Nominal Size: NG6

Maximum Flow Rate: 35 I/min Maximum Pressure: 250 Bar

Seal Material:- NBR

**Max Fluid Temperature: -**20° to 70°C **Oil Viscosity: -**2.8 to 380 mm2/s

Weight: 1.2kg

Manual Adjustment: Standard on all valves

# FLOWFIT CETOP 3 NG6 MODULAR REDUCING VALVE

The Flowfit modular reducing valve is designed to lower the pressure in a specific circuit compared to the main system pressure.

There are three pressure ranges to choose from, providing the versatility to control individual circuit pressure.

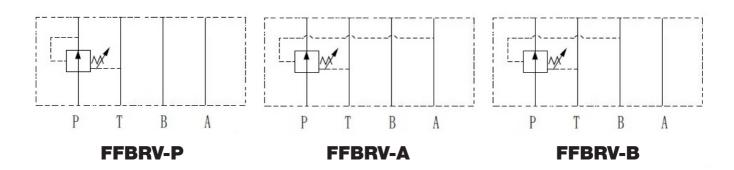
Pressure can be adjusted using the plastic knob (standard on all modular reducing valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once pressure has been set (Available upon request).

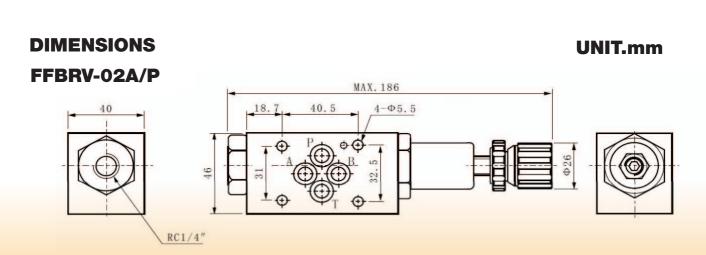
The pressure ranges available are:

8 - 70bar

35 - 140bar

70 - 250bar





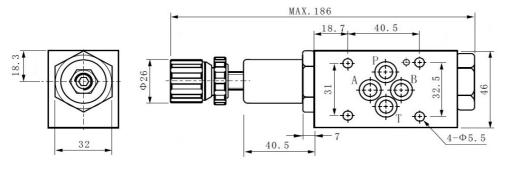
# FLOWFIT CETOP 3 NG6 MODULAR REDUCING VALVE

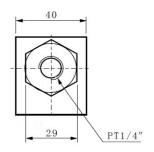


#### **DIMENSIONS**

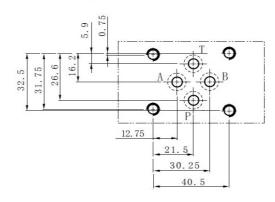
# **UNIT.mm**

# FFBRV-02B





# Mounting size



	CETOP 3 NG6 MODULAR REDUCING VALVE PRICE LIST	
PRODUCT REFERENCE	DESCRIPTION	RRP
FFBRV-02P-K-1-20	CETOP 3 MODULAR REDUCING VALVE 8-70BAR ON P	£69.96
FFBRV-02P-K-2-20	CETOP 3 MODULAR REDUCING VALVE 35-140BAR ON P	£69.96
FFBRV-02P-K-3-20	CETOP 3 MODULAR REDUCING VALVE 70-250BAR ON P	£69.96
FFBRV-02A-K-1-20	CETOP 3 MODULAR REDUCING VALVE 8-70BAR ON A	£69.96
FFBRV-02A-K-2-20	CETOP 3 MODULAR REDUCING VALVE 35-140BAR ON A	£69.96
FFBRV-02A-K-3-20	CETOP 3 MODULAR REDUCING VALVE 70-250BAR ON A	£69.96
FFBRV-02B-K-1-20	CETOP 3 MODULAR REDUCING VALVE 8-70BAR ON B	£69.96
FFBRV-02B-K-2-20	CETOP 3 MODULAR REDUCING VALVE 35-140BAR ON B	£69.96
FFBRV-02B-K-3-20	CETOP 3 MODULAR REDUCING VALVE 70-250BAR ON B	£69.96



# FLOWFIT CETOP 3 NG6 MODULAR CHECK VALVE



# FLOWFIT CETOP 3 NG6 MODULAR CHECK VALVE

The Flowfit modular check valve allows free flow in one direction and blocks the flow in the oposite direction.

Flowfit check valves are available for the A, B, P or T port and can be specified with a cracking pressure of 0.35bar or 3.5bar depending on the system requirements.

#### **SPECIFICATION**

Nominal Size: NG6

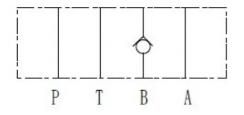
Maximum Flow Rate: 35 I/min Maximum Pressure: 250 Bar

Seal Material:- NBR

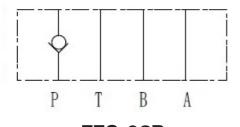
Max Fluid Temperature: -20° to 70°C Oil Viscosity: -2.8 to 380 mm2/s

Weight: 1.2kg

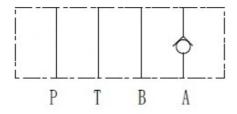
Manual Adjustment: Standard on all valves



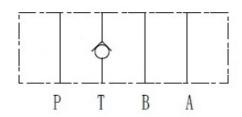
FFC-02B



FFC-02P

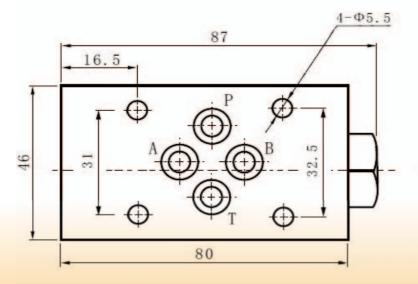


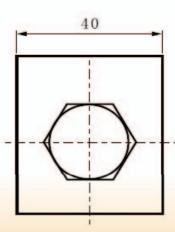
FFC-02A



FFC-02T

### FFC-02P/T/B

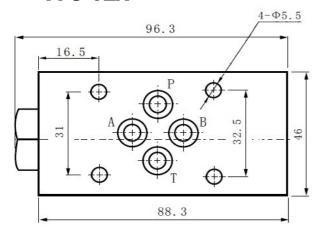


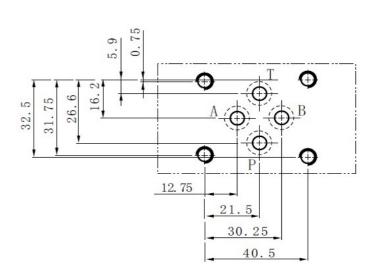


# FLOWFIT CETOP 3 NG6 MODULAR CHECK VALVE



## FFC-02A





	CETOP 3 NG6 MODULAR CHECK VALVE PRICE LIST	
PRODUCT REFERENCE	DESCRIPTION	RRP
FFC-02P-05-20	CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON P	£57.24
FFC-02P-50-20	CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON P	£57.24
FFC-02A-05-20	CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON A	£57.24
FFC-02A-50-20	CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON A	£57.24
FFC-02B-05-20	CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON B	£57.24
FFC-02B-50-20	CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON B	£57.24
FFC-02T-05-20	CETOP 3 MODULAR CHECK VALVE C/P 0.35BAR ON T	£57.24
FFC-02T-50-20	CETOP 3 MODULAR CHECK VALVE C/P 3.5BAR ON T	£57.24



# **FLOWFIT CETOP 3 NG6 MODULAR PILOT OPERATED CHECK VALVE**



### FLOWFIT CETOP 3 NG6 MODULAR **PILOT OPERATED CHECK VALVE**

The Flowfit modular pilot operated (P/O) check valve allows free flow in one direction and pilot pressure allows flow in the opposite direction.

Flowfit pilot operated check valves are available for the A or B ports individually, or the A and B ports combined. They can be specified with a cracking pressure of 0.35bar or 3.5bar depending on the system requirements

#### **SPECIFICATION**

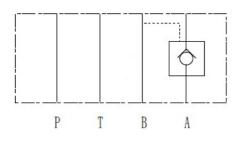
Nominal Size: NG6

Maximum Flow Rate: 35 I/min Maximum Pressure: 250 Bar

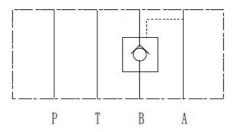
Seal Material:- NBR

Max Fluid Temperature: -20° to 70°C Oil Viscosity: -2.8 to 380 mm2/s

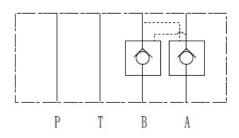
Weight: 1.1kg



FFPCV-02A



FFPCV-02B

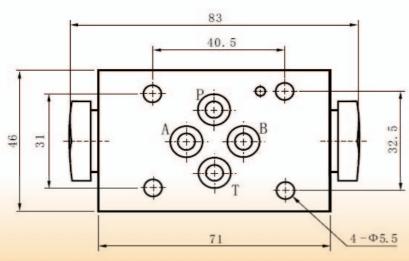


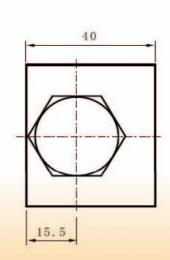
FFPCV-02W

**UNIT.mm** 

### **DIMENSIONS**

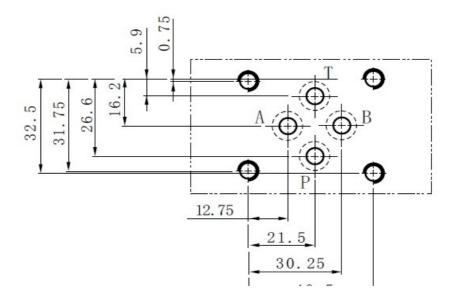






# FLOWFIT CETOP 3 NG6 MODULAR PILOT OPERATED CHECK VALVE





CETOP 3 NG6 MODULAR PILOT OPERATED CHECK VALVE PRICE LIST			
PRODUCT REFERENCE	DESCRIPTION	RRP	
FFPCV-02A-05-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 0.35BAR ON A	£63.60	
FFPCV-02A-50-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 3.5BAR ON A	£63.60	
FFPCV-02B-05-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 0.35BAR ON B	£63.60	
FFPCV-02B-50-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 3.5BAR ON B	£66.78	
FFPCV-02W-05-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 0.35BAR ON A AND B	£66.78	
FFPCV-02W-50-20	CETOP 3 MODULAR P/O CHECK VALVE C/P 3.5BAR ON A AND B	£66.78	



# FLOWFIT CETOP 3 NG6 MODULAR FLOW CONTROL VALVE WITH CHECK



# FLOWFIT CETOP 3 NG6 MODULAR FLOW CONTROL VALVE WITH CHECK

The Flowfit modular flow control valves regulate the flow of oil through the circuit in one direction whilst allowing free flow in the opposite direction using a check valve.

Two types of valve are available; the first meters the flow of oil into the circuit (allowing free flow out), while the second meters the flow out of the circuit (allowing free flow in).

Flow on the metered side can be adjusted using the plastic knob (standard on all modular flow control valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once the desired flow has been set (Available upon request).

#### **SPECIFICATION**

Nominal Size: NG6

Maximum Flow Rate: 35 I/min Maximum Pressure: 250 Bar

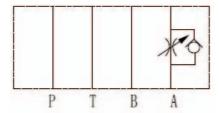
Seal Material:- NBR

Max Fluid Temperature: -20° to 70°C Oil Viscosity: -2.8 to 380 mm2/s Weight: A, B 1.2kg

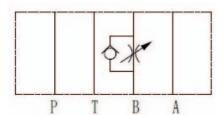
W 1.4kg

Manual Adjustment: Standard on all valves

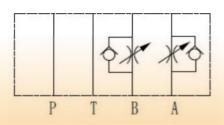
## **METERED OUT**



**FFTCV-02A-K-20** 

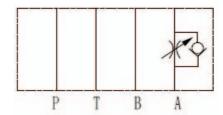


FFTCV-02B-K-20

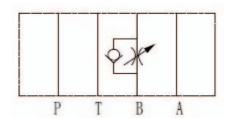


**FFTCV-02W-K-20** 

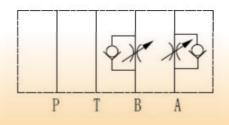
#### **METERED IN**



FFTCV-02A-K-I-20



FFTCV-02B-K-I-20



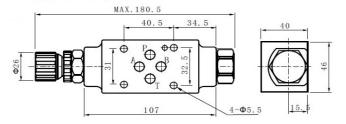
**FFTCV-02W-K-I-20** 

# FLOWFIT CETOP 3 NG6 MODULAR FLOW CONTROL VALVE WITH CHECK

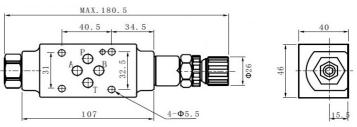


# DIMENSIONS UNIT.mm

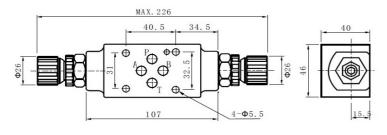
# FFTCV-02A

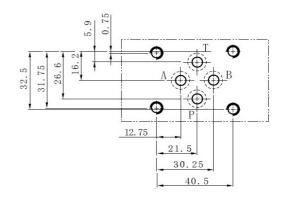


### FFTCV-02B



### FFTCV-02W





CETOP 3 NG6 MODULAR FLOW CONTROL VALVE PRICE LIST						
PRODUCT REFERENCE	DESCRIPTION	RRP				
FFTCV-02A-K-20	CETOP 3 MODULAR FLOW CONTROL VALVE MTR OUT ON A PORT	£69.96				
FFTCV-02A-K-I-20	CETOP 3 MODULAR LFOW CONTROL VALVE MTR IN ON A PORT	£69.96				
FFTCV-02B-K-20	CETOP 3 MODULAR FLOW CONTROL VALVE MTR OUT ON B PORT	£69.96				
FFTCV-02B-K-I-20	CETOP 3 MODULAR LFOW CONTROL VALVE MTR IN ON B PORT	£69.96				
FFTCV-02W-K-20	CETOP 3 MODULAR FLOW CONTROL VALVE MTR OUT ON A+B PORT	£76.32				
FFTCV-02W-K-I-20	CETOP 3 MODULAR LFOW CONTROL VALVE MTR IN ON A+B PORT	£76.32				



# FLOWFIT CETOP 3 NG6 MODULAR COUNTER BALANCE VALVE



# FLOWFIT CETOP 3 NG6 MODULAR COUNTER BALANCE VALVE

The Flowfit modular counter balance valve is designed to equalize the pressure in a sepcific line of a hydraulic system.

Pressure can be adjusted using the plastic knob (standard on all modular counter balance valves) but for added security, valves can also be supplied with an adjustment screw that can be locked once pressure has been set (Available upon request).

The pressure ranges available are:

8 - 70bar

35 - 140bar

70 - 250bar

#### **SPECIFICATION**

Nominal Size: NG6

Maximum Flow Rate: 35 I/min Maximum Pressure: 250 Bar

Seal Material:- NBR

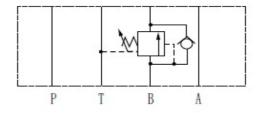
Max Fluid Temperature: -20° to 70°C Oil Viscosity: -2.8 to 380 mm2/s

Weight: 1.5kg

Manual Adjustment: Standard on all valves

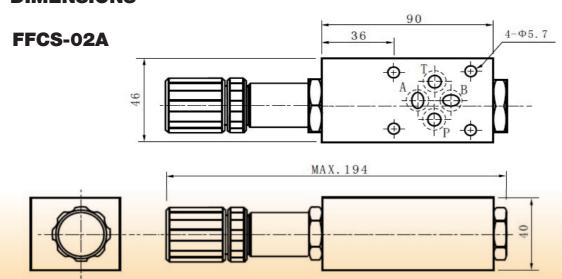


FFCS-02A



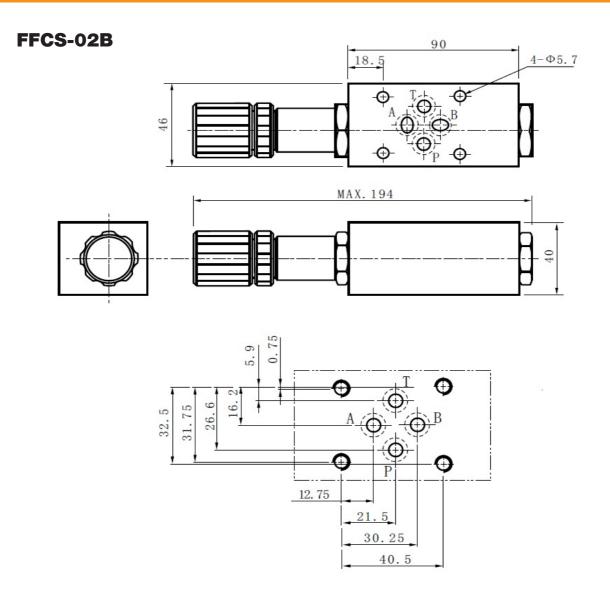
FFCS-02B

#### **DIMENSIONS**



# FLOWFIT CETOP 3 NG6 MODULAR COUNTER BALANCE VALVE





CETOP 3 NG6 MODULAR FLOW CONTROL VALVE PRICE LIST						
PRODUCT REFERENCE	DESCRIPTION	RRP				
FFCS-02A-K-1-20	CETOP 3 MODULAR COUNTER BALANCE VAVE 8-70BAR ON A LINE	£127.20				
FFCS-02A-K-2-20	CETOP 3 MODULAR COUNTER BALANCE VAVE 35-140BAR ON A LINE	£127.20				
FFCS-02A-K-3-20	CETOP 3 MODULAR COUNTER BALANCE VAVE 70-250BAR ON A LINE	£127.20				
FFCS-02B-K-1-20	CETOP 3 MODULAR COUNTER BALANCE VAVE 8-70BAR ON B LINE	£127.20				
FFCS-02B-K-2-20	CETOP 3 MODULAR COUNTER BALANCE VAVE 35-140BAR ON B LINE	£127.20				
FFCS-02B-K-3-20	CETOP 3 MODULAR COUNTER BALANCE VAVE 70-250BAR ON B LINE	£127.20				



# FLOWFIT CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD

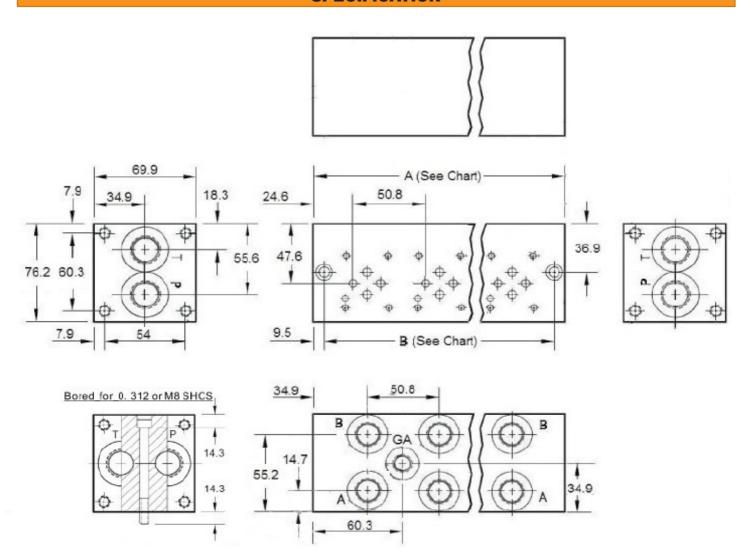


# FLOWFIT CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD

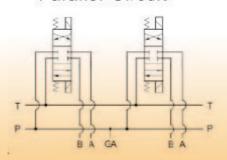
The Flowfit CETOP 3 parallel circuit manifold is precision machined from a mild steel block with sizes of 3/8"BSP for A & B ports and 1/2"BSP for P & T ports.

Flowfit manifolds are available from 1 to 10 stations with a 1/4"BSP Gauge port machined as standard on the 2 station and above (not available on the 1 station manifold).

#### **SPECIFICATION**



# Parallel Circuit



# FLOWFIT CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD



WEIGHT/	NUMBER OF STATIONS												
DIMENSIONS	1	2	3	4	5	6	7	8	9	10			
WEIGHT (KGS)	2.57	4.45	6.33	8.21	10.09	11.97	13.85	15.73	17.61	19.49			
LENGTH "A" (MM)	69.9	12.07	171.5	222.3	273.1	323.9	374.7	425.5	476.3	527.1			
LENGTH "B" (MM)	50.8	101.6	152.4	203.2	254	304.8	355.6	406.4	457.2	508			

NOTE: GAUGE PORT IS NOT AVAILABLE ON 1 STATION MANIFOLD

CETOP 3 NG6 STEEL MANIFOLD (WITHOUT RELIEF VALVE CAVITY) PRICE LIST						
PRODUCT REFERENCE	DESCRIPTION	RRP				
MD-03P-1-G	CETOP 3 1 STATION STEEL MANIFOLD NO RV CAVITY	£38.16				
MD-03P-2-G	CETOP 3 2 STATION STEEL MANIFOLD NO RV CAVITY	£69.96				
MD-03P-3-G	CETOP 3 3 STATION STEEL MANIFOLD NO RV CAVITY	£102.82				
MD-03P-4-G	CETOP 3 4 STATION STEEL MANIFOLD NO RV CAVITY	£139.92				
MD-03P-5-G	CETOP 3 5 STATION STEEL MANIFOLD NO RV CAVITY	£178.08				
MD-03P-6-G	CETOP 3 6 STATION STEEL MANIFOLD NO RV CAVITY	£216.24				
MD-03P-7-G	CETOP 3 7 STATION STEEL MANIFOLD NO RV CAVITY	£254.40				
MD-03P-8-G	CETOP 3 8 STATION STEEL MANIFOLD NO RV CAVITY	£292.56				
MD-03P-9-G	CETOP 3 9 STATION STEEL MANIFOLD NO RV CAVITY	£330.72				
MD-03P-10-G	CETOP 3 10 STATION STEEL MANIFOLD NO RV CAVITY	£375.24				



# FLOWFIT CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD WITH RELIEF VALVE

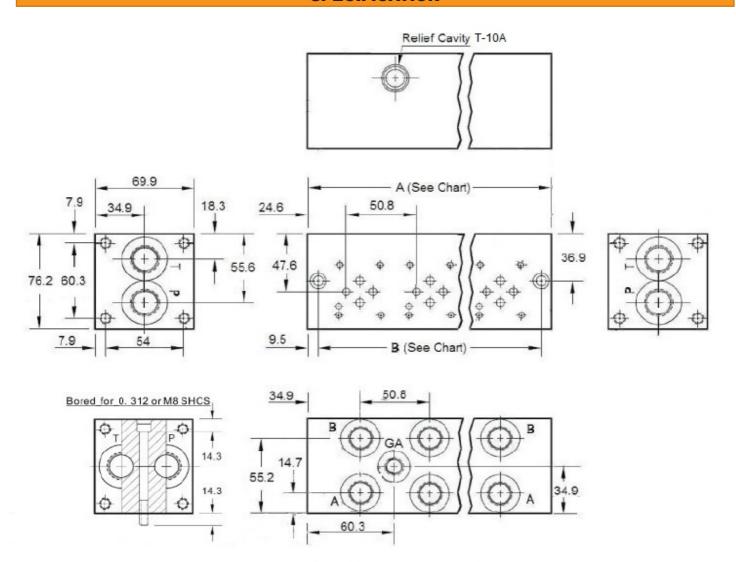


# FLOWFIT CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD WITH RELIEF VALVE CAVITY

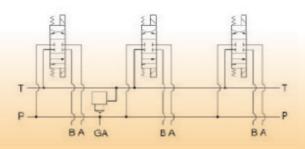
The Flowfit CETOP 3 parallel circuit manifold is precision machined from a steel block with sizes of 3/8"BSP for A & B ports and 1/2"BSP for P & T ports. The manifold also comes with a machined port for a relief valve.

Flowfit manifolds are available from 1 to 10 stations with a 1/4"BSP Gauge port machined as standard on the 2 station and above (not available on the 1 station manifold).

#### **SPECIFICATION**



## Parallel Circuit with Cavity



# FLOWFIT CETOP 3 NG6 STEEL PARALLEL CIRCUIT MANIFOLD WITH RELIEF VALVE



WEIGHT/	NUMBER OF STATIONS											
DIMENSIONS	1	2	3	4	5	6	7	8	9	10		
WEIGHT (KGS)	3.51	4.45	6.33	8.21	10.09	11.97	13.85	15.73	17.61	19.49		
LENGTH "A" (MM)	95.3	12.07	171.5	222.3	273.1	323.9	374.7	425.5	476.3	527.1		
LENGTH "B" (MM)	76.2	101.6	152.4	203.2	254	304.8	355.6	406.4	457.2	508		

NOTE: GAUGE PORT IS NOT AVAILABLE ON 1 STATION MANIFOLD

CETOP 3 NG6 STEEL MANIFOLD (WITH RELIEF VALVE CAVITY) PRICE LIST						
PRODUCT REFERENCE	DESCRIPTION	RRP				
MD-03P-1-G-S	CETOP 3 1 STATION STEEL MANIFOLD WITH RV CAVITY	£97.92				
MD-03P-2-G-S	CETOP 3 2 STATION STEEL MANIFOLD WITH RV CAVITY	£123.49				
MD-03P-3-G-S	CETOP 3 3 STATION STEEL MANIFOLD WITH RV CAVITY	£166.69				
MD-03P-4-G-S	CETOP 3 4 STATION STEEL MANIFOLD WITH RV CAVITY	£210.88				
MD-03P-5-G-S	CETOP 3 5 STATION STEEL MANIFOLD WITH RV CAVITY	£259.49				
MD-03P-6-G-S	CETOP 3 6 STATION STEEL MANIFOLD WITH RV CAVITY	£299.12				
MD-03P-7-G-S	CETOP 3 7 STATION STEEL MANIFOLD WITH RV CAVITY	£349.47				
MD-03P-8-G-S	CETOP 3 8 STATION STEEL MANIFOLD WITH RV CAVITY	£402.74				
MD-03P-9-G-S	CETOP 3 9 STATION STEEL MANIFOLD WITH RV CAVITY	£443.40				
MD-03P-10-G-S	CETOP 3 10 STATION STEEL MANIFOLD WITH RV CAVITY	£493.22				
SNH-RDDALAN	CETOP 3 RELIEF CARTRIDGE	£65.46				



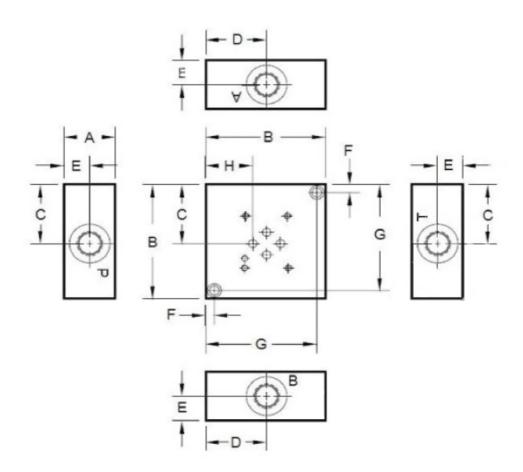
# FLOWFIT CETOP 3 NG6 STEEL SUBPLATE WITH SIDE PORTS



# FLOWFIT CETOP 3 NG6 STEEL SUBPLATE WITH SIDE PORTS

The Flowfit CETOP 3 subplate is machined from steel and is available with 3/8"BSP, 1/2"BSP or 3/4"BSP side ports.

### **SPECIFICATION**



PRODUCT	PORT	DIMENSIONS								
REFERENCE	SIZE	Α	В	С	D	E	F	G	н	
D-03-SP-S-6G	3/8"BSP	25.4	63.5	33.3	31.8	12.7	6.4	57.2	22.4	
D-03-SP-S-8G	1/2"BSP	38.1	88.9	46	45.2	19.1	6.4	82.6	34.9	
D-03-SP-S-12G	3/4"BSP	44.5	102	52.4	51.6	22.2	9.5	92.1	41.3	

CETOP 3 NG6 STEEL SUBPLATE WITH SIDE PORTS PRICE LIST						
PRODUCT REFERENCE	THE COURT OF THE C					
D-03-SP-S-6G	CETOP 3 SUBPLATE SIDE ENTRY 3/8" BSPP PORTED	£28.62				
D-03-SP-S-8G	CETOP 3 SUBPLATE SIDE ENTRY 1/2" BSPP PORTED	£31.42				
D-03-SP-S-12G	CETOP 3 SUBPLATE SIDE ENTRY 3/4" BSPP PORTED	£48.97				

# FLOWFIT CETOP 3 NG6 STEEL SUBPLATE WITH BASE PORTS

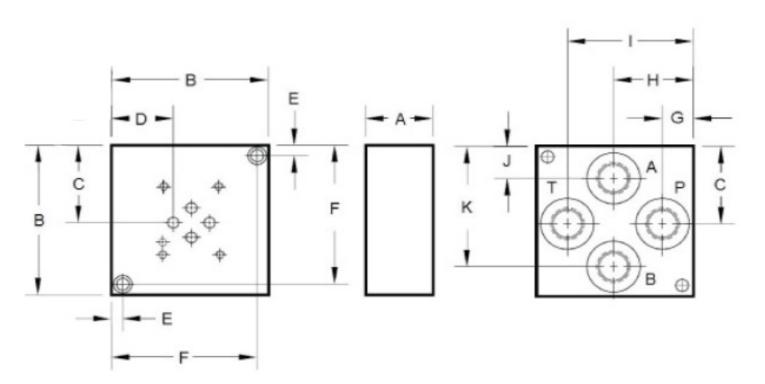




# FLOWFIT CETOP 3 NG6 STEEL SUBPLATE WITH BASE PORTS

The Flowfit CETOP 3 subplate is machined from steel and is available with 3/8"BSP, 1/2"BSP or 3/4"BSP base ports.

#### **SPECIFICATION**



PRODUCT	PORT		DIMENSIONS									
REFERENCE	SIZE	Α	В	С	D	E	F	G	Н	- I	J	K
D-03-SP-B-6G	3/8"BSP	25.4	63.5	31.8	21.4	6.4	57.2	13	31.8	50.4	13.2	50
D-03-SP-B-8G	1/2"BSP	38.1	88.9	46	34.9	6.4	82.6	17.5	45.2	71.4	19.1	71.4
D-03-SP-B-12G	3/4"BSP	38.1	114	58.8	47.6	9.5	105	23.8	57.9	90.5	23.8	90.5

CETOP 3 NG6 STEEL SUBPLATE WITH BASE PORTS PRICE LIST						
PRODUCT REFERENCE	negation negation					
D-03-SP-B-6G	CETOP 3 SUBPLATE BASE ENTRY 3/8" BSPP PORTED	£28.62				
D-03-SP-B-8G	CETOP 3 SUBPLATE BASE ENTRY 1/2" BSPP PORTED	£31.42				
D-03-SP-B-12G	CETOP 3 SUBPLATE BASE ENTRY 3/4" BSPP PORTED	£48.97				



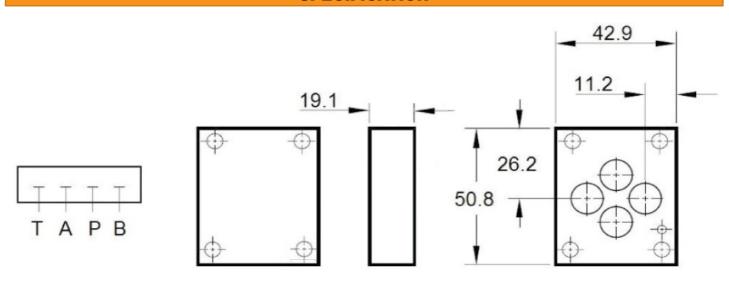
# FLOWFIT CETOP 3 NG6 STEEL COVER PLATE



#### FLOWFIT CETOP 3 NG6 STEEL COVER PLATE

The Flowfit steel cover plate replaces a CETOP 3 solenoid valve on the steel manifold, providing a pressure blank to enable the remaining stations to operate.

### **SPECIFICATION**



CETOP 3 NG6 STEEL COVER PLATE PRICE LIST							
PRODUCT REFERENCE	DESCRIPTION	RRP					
D-03-CP-G	CETOP 3 COVER PLATE	£8.97					