



CIMBERIO VALVES

SAV Systems Product Brochure

CIMBERIO VALVES

	Page
Balancing Valves	6
Isolation Valves	10
Check Valves	21
Gas Valves	23

SAV Systems

SAV Systems is a leading provider of innovative building services solutions designed to boost energy efficiency and cut carbon emissions.

Products vary from sophisticated mini-CHP systems to simple water meters, but all are purpose-developed to serve a better internal environment and a greener world.

Used as individual products, or integrated into custom-designed systems, the SAV range makes a perfect partner for low energy technologies from renewables to central plant and even district heating systems.

It's a full family of choice sourced from some of the world's leading specialist companies - our Partners in Technology. Product groups cover the full spectrum of modern building services.

SAV has been operating in the UK since 1988.

Hard won skills and experience have been used to create a Development and Distribution Centre for the world's finest fluid control valves and systems.

Working in liaison with our Partners in Technology we have access to comprehensive ranges of components backed by the latest in research, development and manufacturing techniques.

Our Partners are all leading figures in their specialist sectors. SAV's development team provides the catalyst that binds superb individual products into cost-efficient solutions, tailored to meet the special needs of the British construction industry.

Quality is the common thread that runs through all SAV activity. We insist on quality in both human and technical resources. It is quality that ensures efficiency and reliability and thus customer satisfaction.

And we believe that satisfied customers are our best guarantee of a long and prosperous future.



C721

C721

DZR METERING STATION

CODE	SIZE	Min Flow Rate (l/s)	C721
L-15	1/2	0.015	See List
M-15	1/2	0.028	See List
S-15	1/2	0.055	See List
20	3/4	0.11	See List
25	1"	0.21	See List
32	1 1/4"	0.46	See List
40	1 1/2"	0.7	See List
50	2"	1.3	See List
20 Bar at -10 to 100 °C			



C727

C727

FEMALE DZR DOUBLE REGULATING VALVE

CODE	SIZE	C727
L-15	1/2	See List
S-15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List
20 Bar at -10 to 100 °C		



C747

C747

FEMALE DZR COMMISSIONING SET

CODE	SIZE	Min Flow Rate (l/s)	C737
L-15	1/2	0.015	See List
ML-15	1/2	0.028	See List
MS-15	1/2	0.028	See List
S-15	1/2	0.055	See List
20	3/4	0.11	See List
25	1"	0.21	See List
32	1 1/4"	0.46	See List
40	1 1/2"	0.7	See List
50	2"	1.3	See List
20 Bar at -10 to 100 °C			

Cim 790 Threaded automatic flow balancing valves

Balancing valve **Cim 790** is designed for automatic balancing of heating and cooling installations.

Automatic balancing is achieved by means of cartridges that provide constant flow. The wide selection of cartridges is able to match every flow requirement from a minimum of 0,007 l/s (7 KPa min. Δp) up to a maximum of 3,154 l/s (44 KPa min. Δp).

Cim 790 can be used either in constant flow or variable flow system, assuring that specified flow would not be exceeded.

Automatic balancing function is performed with innovative and patented cartridges with incorporated fixed orifice.

The automatic function of **Cim 790** eliminates the manual balancing of the system, allowing possible inspection by contractor.

The cartridge can be easily removed from its seat even with installed valve, allowing easy flushing of the installation and possible flow modification required after first installation.

The use of automatic balancing valve on terminal units of the system avoids the need of other balancing valves on the main circuit or on system branches.

Balancing valve **Cim 790**, is made of CR brass and is available in sizes from DN ½" up to DN 2"

Working temperature range of the valve is between -20° C and 120°C, with maximum operating pressure PN 25.

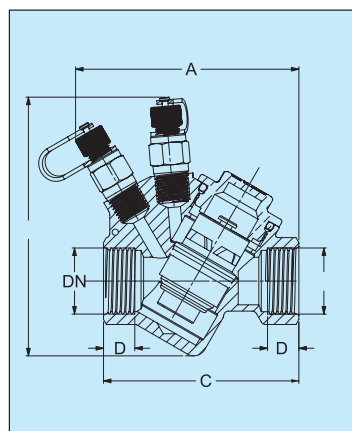


The main features of **Cim 790** are as follows:

- The cartridge is removable from the valve body and can be changed, inspected and cleaned without breaking the main piping. No special tool is requested for removal of cartridge;
- System balancing is assured automatically, even under fluctuating pressure conditions;
- More compact installation with automatic balancing valves not requiring straight pipe to obtain linear flow at valve inlet and outlet;
- Decrease of installation costs, due to energy saving and cut off cost related to system balancing.
- Cartridge performance is not affected by debris. The self-cleaning cartridge design makes very difficult for any particles to accumulate and compromise the accuracy of the valve;
- Energy saving due to elimination of excessive flow;
- Increased comfort thanks to more accurate flow distribution with better performance of system regulating valves.

cim 790

THREADED AUTOMATIC FLOW BALANCING VALVES



Cim 790						
DN	Grms.	A	B	C	D	Flow rate range (l/h)
15	510	89	103	78	11,5	25 ÷ 2448
20	530	89	103	78	12,5	25 ÷ 2448
25	615	93	103	85	14,5	25 ÷ 2448
25L	1505	125	141	123	14,5	674 ÷ 11355
32	1530	125	141	123	16,8	674 ÷ 11355
40	1590	125	141	123	16,8	674 ÷ 11355
50	1710	130	141	132	21,1	674 ÷ 11355

Cartridge Operations

When the pressure increases, the spring is compressed and the piston reduces outlet windows, in order to maintain the same flow rate; when Δp decreases the windows start to open again (see picture on the right).

Constant flow rate is obtained through the valve, despite pressure fluctuations.

By simply measuring differential pressure across the valve, the flow through the cartridge is obtained as follows:

- if measured differential pressure is above minimum Δp , the flow rate is the same as the one stated on the cartridge table.
- if measured differential pressure is below minimum Δp stated on cartridge table, flow rate is calculated with one of the following formula.

$$Q = K_v \cdot \sqrt{\Delta p}$$

$$Q = \text{m}^3/\text{h}$$

$$\Delta p = \text{bar}$$

$$Q = 100 \cdot K_v \cdot \sqrt{\Delta p}$$

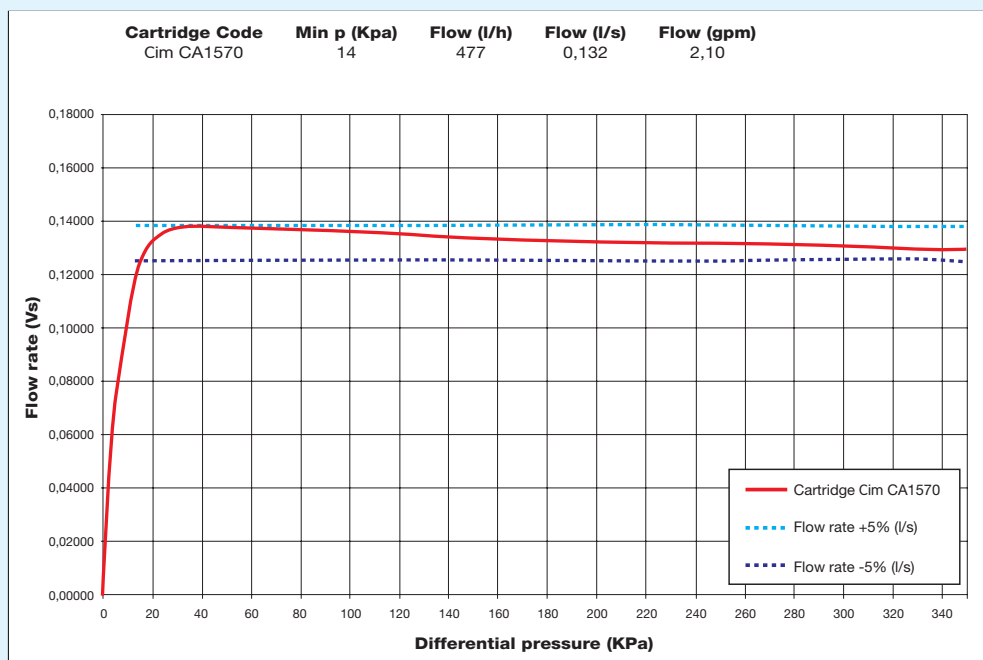
$$Q = \text{l/h}$$

$$\Delta p = \text{KPa}$$

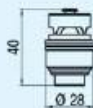
$$Q = 1/36 \cdot K_v \cdot \sqrt{\Delta p}$$

$$Q = \text{l/s}$$

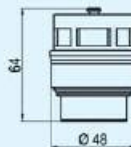
$$\Delta p = \text{KPa}$$



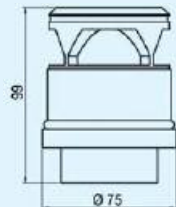
Cim 790
DN 15 - 20 - 25
CARTRIDGES
from 0.007 l/s to 0.680 l/s
25 l/h - 2448 l/h



Cim 790
DN 25L - 32 - 40 - 50
CARTRIDGES
from 0.188 l/s to 3.154 l/s
674 l/h - 11355 l/h



Cim 3790
DN 50 - DN 800
CARTRIDGES
from 1.0061 l/s to 12.5 l/s
3820 l/h - 45000 l/h



Orifice plate marking

On the orifice plate is engraved a four digit code number, corresponding to the last four digits of Cimberio cartridge code.

Cartridges can be identified by above mentioned four digits numbers; the corresponding flow rate and minimum Δp can be read on specific tables.

cod. (max 350KPa)	cod. (max 600KPa)	Flow (l/s)	Flow (l/h)	Flow (gpm)	Min Δp (KPa)
Cim CA1620	Cim CA1620 H	0,151	545	2,40	14
Cim CA1725	Cim CA1725 H	0,171	615	2,71	14
Cim CA1730	Cim CA1730 H	0,186	670	2,95	14



C302F

C302F

FAR X FAR

CODE	SIZE	£
A15	MFA x MFA	See List
B20	MFB x MFB	See List
C25	MFC x MFC	See List



C346F

C346F

MALE UNION X FAR

CODE	SIZE	£
A15	MFA x 1/2"	See List
B20	MFB x 3/4"	See List
C25	MFC x 1"	See List



C309F

C309F

COPPER X FAR

CODE	SIZE	£
A15	MFA x 15	See List
B20	MFB x 22	See List
C25	MFC x 28	See List



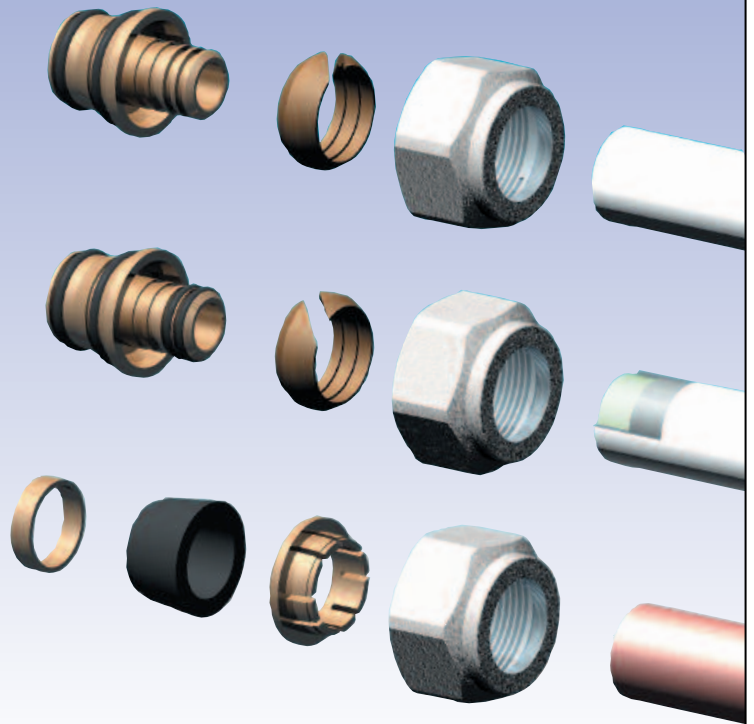
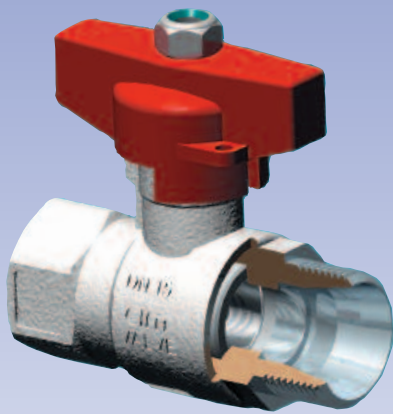
C312F

C312F

FEMALE X FAR

CODE	SIZE	£
A15	MFA x 1/2"	See List
B20	MFB x 3/4"	See List
C25	MFC x 1"	See List

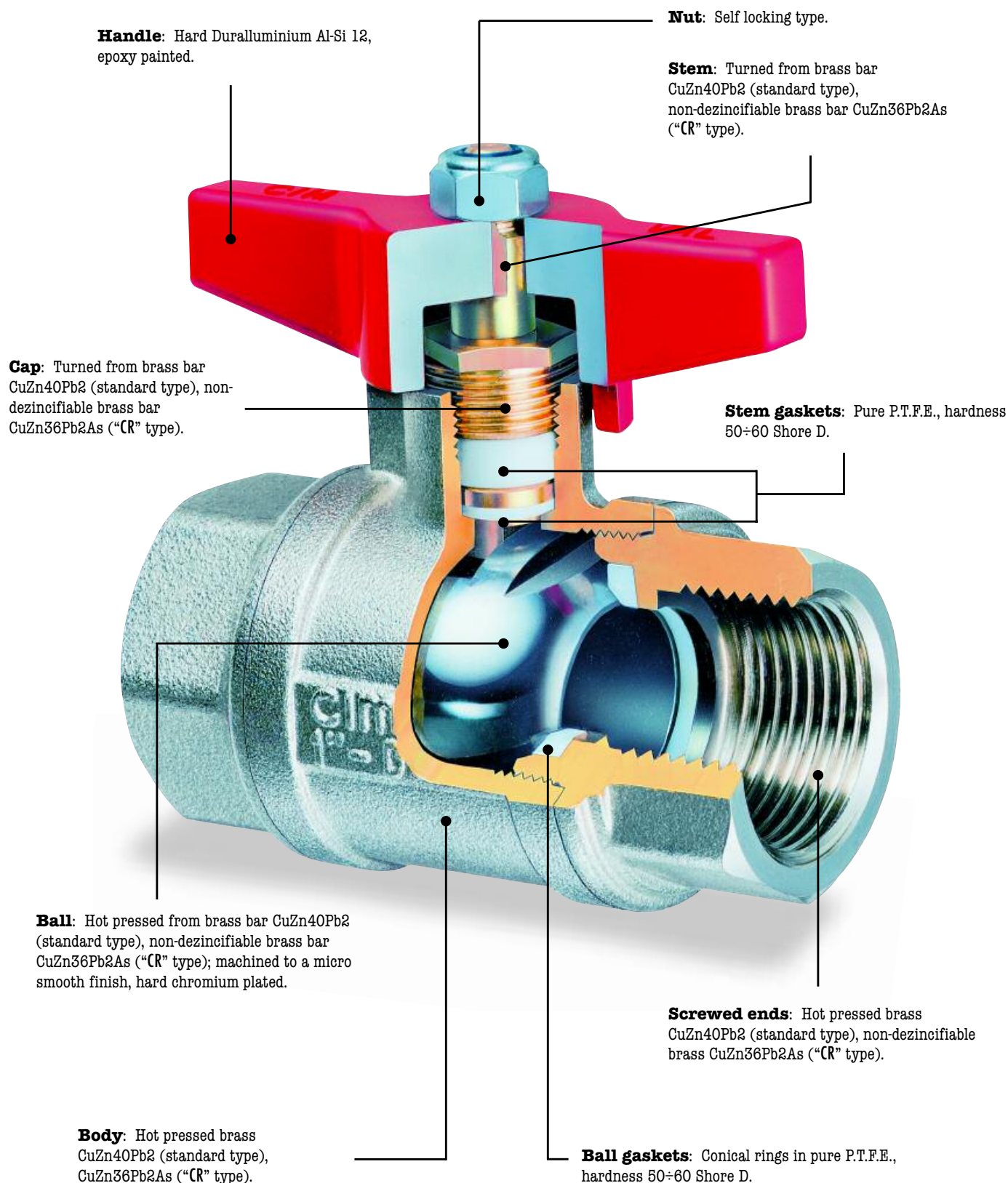
cimFAR **BALL VALVES**



**EXAMPLE OF CIMFAR 312 WITH
MFA PIPE ADAPTORS**

CIMBERIO BALL VALVES

- **Top Fed Stem - Non Leak Protection**
- **Full Bore - Laminar Flow**
- **Lockable Handle in Open or Closed**
- **BS21 Parallel Threads**
- **1999 Water Fittings Regulations Approved**





C12



C312

C12FULL BORE BALL VALVE - LOCKABLE HANDLE
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C12
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List
BS21 PARALLEL THREADS - MOP 58 TO 18 BAR - TEMP. RANGE -20 + 150°C		



CA12

CA12EXTENDED STEM (NYLON) FULL BORE BALL VALVE
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	CA12
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List
BS21 PARALLEL THREADS - MOP 58 TO 18 BAR - TEMP. RANGE -20 + 150°C		



C12CR



C312CR

C12CRFULL BORE DZR BALL VALVE - LOCKABLE HANDLE
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C12CR
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List
BS21 PARALLEL THREADS - MOP 58 TO 18 BAR - TEMP. RANGE -20 + 150°C		



CA12CR

CA12CREXTENDED STEM (NYLON) FULL BORE BALL VALVE
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	CA12CR
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List
BS21 PARALLEL THREADS - MOP 58 TO 18 BAR - TEMP. RANGE -20 + 150°C		



C16



C17

C16

FULL BORE BALL VALVE - LOCKABLE HANDLE
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C16	C17
15	1/2	See List	See List
20	3/4	See List	See List
25	1"	See List	See List
32	1 1/4"	See List	See List
40	1 1/2"	See List	See List
50	2"	See List	See List
BS21 PARALLEL THREADS - MOP 58 TO 18 BAR - TEMP. RANGE -20 + 150°C			

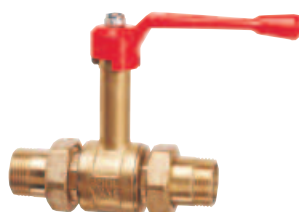


C501CR

C501CR

"ROTACIM" NON-ROTATING EXTENDED STEM FOR
VAPOUR SEALING - FULL BORE DZR BALL VALVE

CODE	SIZE	C501CR
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List
BS21 PARALLEL THREADS - MOP 58 TO 18 BAR - TEMP. RANGE -20 + 150°C		



C535CR

C535CR

"ROTACIM" NON-ROTATING EXTENDED STEM FOR
VAPOUR SEALING - FULL BORE DZR BALL VALVE

CODE	SIZE	C535CR
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	-
50	2"	-
BS21 PARALLEL THREADS - MOP 58 TO 18 BAR - TEMP. RANGE -20 + 150°C		



C201/12CR



C301/12CR

C201/12CR C301/12CR

FULL BORE BALL VALVE -
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C201/12CR	C301/12CR
15	1/2	See List	See List
20	3/4	See List	See List
25	1"	See List	See List
32	1 1/4"	See List	See List
40	1 1/2"	See List	See List
50	2"	See List	See List
BS21 PARALLEL THREADS - MOP 58 TO 18 BAR - TEMP. RANGE -20 + 150°C			



C200



C300

C200 / C300FULL BORE BALL VALVE - TWO TEST/DRAIN POINTS -
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C200	C300
15	1/2	See List	See List
20	3/4	See List	See List
25	1"	See List	See List
32	1 1/4"	See List	See List
40	1 1/2"	See List	See List
50	2"	See List	See List
SHORT PATTERN BS2779 PARALLEL THREADS - MOP 58 TO 16 BAR TEMP. RANGE -20 + 150°C			



C229

C229FULL BORE ANGLE BALL VALVE -
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C229
15	1/2 x 1/2"	See List
20	3/4 x 3/4"	See List
25	1 x 1"	See List
BS21 PARALLEL THREADS - MOP 40 TO 32 BAR - TEMP. RANGE -20 + 150°C		



C230

C230FULL BORE ANGLE BALL VALVE -
SERVICABLE/NON-LEAK STEM DESIGN

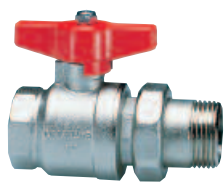
CODE	SIZE	C230
15	1/2	See List
20	3/4	See List
25	1"	See List
BS21 PARALLEL THREADS - MOP 40 TO 32 BAR - TEMP. RANGE -20 + 150°C		



C246

C246FULL BORE MALE UNION BALL VALVE -
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C246
15	1/2 x 1/2	See List
20	3/4 x 3/4	See List
25	1 x 1	See List
32	1 1/4 x 1 1/4	See List
SHORT PATTERN BS2779 PARALLEL THREADS - MOP 40 BAR / 150°C		

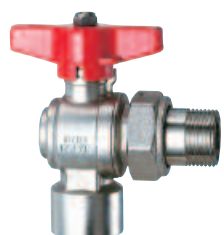


C346

C346

FULL BORE MALE UNION BALL VALVE -
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C246
15	1/2 x 1/2	See List
20	3/4 x 3/4	See List
25	1 x 1	See List
32	1 1/4 x 1 1/4	See List
SHORT PATTERN BS2779 PARALLEL THREADS - MOP 40 BAR / 150°C		



C238

C238

FULL BORE ANGLE MALE UNION BALL VALVE -
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C246
20	3/4 x 3/4	See List
25	1 x 1	See List
BS21 PARALLEL THREADS - MOP 40 TO 32 BAR - TEMP. RANGE -20 + 150°C		

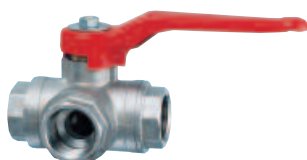


C239

C239

FULL BORE ANGLE MALE UNION BALL VALVE -
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C246
20	3/4 x 3/4	See List
25	1 x 1	See List
BS21 PARALLEL THREADS - MOP 40 TO 32 BAR - TEMP. RANGE -20 + 150°C		



C21

C21

FULL BORE THREE WAY "T" OR "L" PORT BALL VALVE -
SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C21
10	3/8	See List
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List
SHORT PATTERN BS2779 PARALLEL THREADS - MOP 40 TO 25 BAR TEMP. RANGE -10 + 150°C		

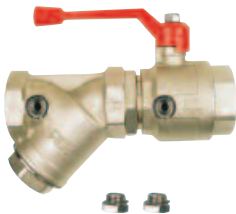


C620

C620

"FILTRACIM" - COMBINED FULL BORE BALL VALVE AND STRAINER - SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C620
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	-
40	1 1/2"	-
50	2"	-
BS21 PARALLEL THREADS - MOP 58 TO 40 BAR - TEMP. RANGE -20 + 150°C 650 MICRON STAINLESS STEEL STRAINER		

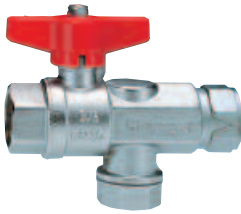


C200/74

C200/74

"FILTRACIM" - COMBINED FULL BORE BALL VALVE AND STRAINER - SERVICABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C200/74
15	1/2	-
20	3/4	-
25	1"	-
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List
BS21 PARALLEL THREADS - MOP 58 TO 40 BAR - TEMP. RANGE -20 + 150°C 650 MICRON STAINLESS STEEL STRAINER		



C621

C621

"FILTRACIM" & INTEGRAL CHECK VALVE

CODE	SIZE	C620
15	1/2	See List
20	3/4	See List
25	1"	See List
32	-	-
40	-	-
50	-	-
BS21 PARALLEL THREADS - MOP 16 BAR - TEMP. RANGE -10 + 95°C SPRING LOADED CHECK		



C612

C612

"BALLSTAR" GEARED HANDLE FULL BORE DZR BALL VALVE

CODE	SIZE	C620
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List
BS21 PARALLEL THREADS - MOP 58 TO 25 BAR - TEMP. RANGE -20 + 150°C		



C011



C012

C011/012REDUCED BORE "MINI" WITH "12" SERIES TYPE
SERVICEABLE/NON-LEAK STEM DESIGN

CODE	SIZE	C011	C012
10	3/8	See List	See List
15	1/2	See List	See List



C209



C309

C209/C309

Compression Full bore ball valve - Servicable/Non-leak stem design

CODE	SIZE	C209	C309
10	10 x 10	See List	See List
15	15 x 15	See List	See List
22	22 x 22	See List	See List
28	28 x 28	See List	See List
35	35 x 35	See List	See List
42	42 x 42	See List	See List
54	54 x 54	See List	See List
DZR Brass Olive Compression - Mop 24 To 16 Bar - Temp. Range -20 + 150°C			



CA209



C545CR

CA209/C545CR

Compression Full bore ball valve - Servicable/Non-leak stem design

CODE	SIZE	CA209	C545CR
15	15 x 15	See List	See List
22	22 x 22	See List	See List
28	28 x 28	See List	See List
35	35 x 35	See List	See List
42	42 x 42	See List	See List
54	54 x 54	See List	See List
DZR Brass Olive Compression - Mop 24 To 16 Bar - Temp. Range -20 + 150°C			



C309 / C346

C309 / C346

Compression/Male Union. Servicable/Non-Leak Stem Design

CODE	SIZE	C309/346
15	15 x 1/2	See List
22	22 x 3/4	See List
28	28 x 1"	See List
35	35 x 1 1/4"	See List
DZR Brass Olive Compression - Mop 24 To 16 Bar - Temp. Range -20 + 150°C		



C613

C613

"BALLSTAR" - GEARED HANDLE COMPRESSION FULL BORE BALL VALVE

CODE	SIZE	C613
15	15 x 15	See List
22	22 x 22	See List
28	28 x 28	See List
35	35 x 35	See List
42	42 x 42	See List
54	54 x 54	See List
DZR BRASS OLIVE COMPRESSION - MOP 24 TO 16 BAR - TEMP. RANGE -20 + 150°C		



C623

C623

"Filtracim" Compression & Compression/Female
Ball Valve & Strainer - Servicable/Non-Leak Stem Design

CODE	SIZE	C623
15	15 x 15 (1/2)	See List
22	22 x 22 (3/4)	See List
28	28 x 28 (1")	See List
Dzr Brass Olive Compression - Mop 24 To 16 Bar - Temp. Range -20 + 150°C		



C70/BS



C81

C70/BSCR

Fullway Kite Marked Gate Valve - Pn20 To 100°C - 9 Bar To 180°C

C81

Bronze Globe Valve - P.T.F.E. Seat - Pn20 To 100°C - 9 Bar To 180°C

CODE	SIZE	C70/BSCR	C81
15	1/2	See List	See List
20	3/4	See List	See List
25	1"	See List	See List
32	1 1/4"	See List	See List
40	1 1/2"	See List	See List
50	2"	See List	See List



C30



C32

C30

"Sprint" Spring Loaded Check Valve - Pn20 To 95°C - 7 Bar To 170°C

C32

"Sprint" Spring Loaded Check Valve - Pn16 To 95°C

CODE	SIZE	C30	C32
10	3/8	See List	-
15	1/2	See List	See List
20	3/4	See List	See List
25	1"	See List	See List
32	1 1/4"	See List	See List
40	1 1/2"	See List	See List
50	2"	See List	See List
B065	2 1/2"	See List	-
B080	3"	See List	-
B100	4"	See List	-



C79A

C79A

BRONZE LIFT CHECK VALVE - P.T.F.E. DISK -
PN20 TO 100°C - 9 BAR TO 180°C

CODE	SIZE	C79A
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List



C80A

C80A

BRASS SWING CHECK VALVE - SOFT SEAT EPDM DISK -
PN16 TO 100°C - 6 BAR TO 115°C

CODE	SIZE	C80A
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List



CNB902



CNB942

CNB902

DZR DOUBLE CHECK VALVES - BSP & COMPRESSION -
PN16 TO 95°C

CNB942

CODE	SIZE	CNB902	CNB942
C15	15	See List	See List
C22	22	See List	See List
C28	28	See List	See List



C74ACR

C74ACR

DZR "Y" TYPE STRAINER WITH STAINLESS STEEL BASKET

CODE	SIZE	C74ACR
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List

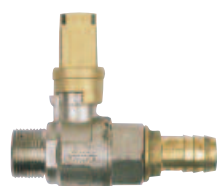


C58/11

C58/11

P.T.F.E. Threadsealant Suitable For Both Potable Water And Gas

CODE	ML	C58/11
C58/11	100	See List



C207/12h

C207/12h

FULL BORE LS DRAIN VALVE

CODE	SIZE	C207/12h
15	1/2	See List
20	3/4	See List
25	1	See List



C191

C191

LS Mini Drain Valve

CODE	SIZE	C191
15	1/2	See List



C194

C194

Mini Drain Valve

CODE	SIZE	C194
15	1/2	See List



C55R

C55R

Drain Cock

CODE	SIZE	C55R
10	3/8	See List
15	1/2	See List



C12G



C312G

C12G

GAS BALL VALVE - 12 SERIES

CODE	SIZE	C12G
08	1/4	See List
10	3/8	See List
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List
40	1 1/2"	See List
50	2"	See List
B065	2 1/2"	See List
B080	3"	See List
B100	4"	See List



C201/12G



C301/12G

C201/12G

GAS BALL VALVES - 12 SERIES

C301/12G

CODE	SIZE	C201/12G	C301/12G
08	1/4	See List	See List
10	3/8	See List	See List
15	1/2	See List	See List
20	3/4	See List	See List
25	1"	See List	See List
32	1 1/4"	See List	See List
40	1 1/2"	See List	See List
50	2"	See List	See List



C209G



C309G

C209G

COMPRESSION GAS BALL VALVES

C309G

CODE	SIZE	C209G	C309G
10	10 x 10	-	-
12	12 x 12	-	-
15	15 x 15	See List	See List
22	22 x 22	See List	See List
28	28 x 28	See List	See List
35	35 x 35	See List	See List
42	42 x 42	See List	See List
54	54 x 54	See List	See List



C12GSI

C12GSI

CIM 12GSI - LOCKABLE OPEN/CLOSED GAS BALL VALVE - 12 SERIES

CODE	SIZE	C12GSI
15	1/2	See List
20	3/4	See List
25	1"	See List



C15G

C15G

CIM 15G - AUTOMATIC LOCKING IN CLOSED POSITION

CODE	SIZE	C15G
15	1/2	-
20	3/4	See List
25	1"	See List



C15GWL

C15GWL

CIM 15GWL - PADLOCK LOCKABLE BALL VALVE

CODE	SIZE	C15GWL
15	1/2	-
20	3/4	See List
25	1"	See List
32	1 1/4"	-



CB12

CB12

CIM B12 - BELL LOCK GAS BALL VALVE - 12G SERIES

CODE	SIZE	CB12
15	1/2	See List
20	3/4	See List
25	1"	See List
32	1 1/4"	See List

1 DEFINITIONS

In these Conditions:

"Buyer" is the buyer for the Goods referred to in the Seller's Order Confirmation (or if there is none the Seller's Delivery Note).
"Conditions" means these terms and conditions of sale for the Goods.
"Contract" means the contract for the supply of the Goods consisting of the Buyer's purchase order, the Seller's Order Confirmation (or if there is none the Seller's Delivery Note), the specification if applicable and the Conditions.
"Goods" means the products (and services) described by the Seller.
"Price" means the price for the Goods set out on the Seller's Order Confirmation.
"Seller" is the seller of the Goods referred to in the Seller's Order Confirmation or if there is none the Seller's Delivery Note.
"Specification" if relevant means the detailed requirements for the Goods in an assembled form which is attached to the Seller's Order Confirmation.

2. CONTRACT TERMS

2.1 The Contract is made by the Seller subject to these Conditions, which supersede all earlier sets of conditions issued by the Seller. Any terms and conditions proffered by the Buyer as part of the Buyer's purchase order or otherwise are excluded and do not form a part of the Contract.
 2.2 Any order by the Buyer whether made orally or in writing or electronically shall be treated as an offer to the Seller only and any acceptance thereof by the Seller, whether made orally or in writing or electronically or by conduct, shall be subject to the Conditions to the exclusion of all others.
 2.3 No communication from the Seller, its servants or agents, whether oral or in writing or electronically shall be of any contractual effect or be relied on as a representation, condition or warranty, and no variation of the Conditions or any part of the Contract shall be effective save as hereinafter expressly provided for unless given in writing and signed by a Director of the Seller.

3 INTELLECTUAL PROPERTY RIGHTS

3.1 Any and all intellectual property rights including but not limited to copyright, patents, registered or unregistered design rights, or trade marks anywhere in the world in or related to the Goods (and any improvements to the Goods) or the Specification belong to or shall vest in the Seller or its suppliers.
 3.2 The Buyer is licensed to use such intellectual property rights only in connection with its acquisition and use or onward distribution of the Goods and for no other purpose. The Buyer and any subsequent purchaser of the Goods is prohibited as a condition of the Contract from copying, manufacturing, reverse engineering or otherwise replicating all or any part of the Goods or the Specifications.

4 PAYMENT AND INTEREST

4.1 The Buyer shall pay to the Seller the Price on delivery of an invoice for the Goods or end of month plus 30 days thereafter for approved credit account customers. A discount of 2.50% will be allowed where payment is made before delivery of the Goods.
 4.2 The time for payment of the Price is of the essence of the Contract.
 4.3 The Seller shall be entitled to charge interest from day to day on any overdue payments at the rate of 2% per month calculated on a daily basis from the first day of the calendar month following the expiry of one month from the date of the delivery of the invoice until payment.
 4.4 Delivery shall be of part or of the whole of the Goods at the discretion of the Seller, and the Buyer shall be obliged to take instalment deliveries of the Goods unless otherwise expressly agreed in writing in accordance with clause 2.3 hereof. The Seller shall be entitled to invoice each instalment of the Goods separately and the Buyer shall make payment of each instalment invoice in accordance with the Terms as to payment herein.

5 VAT

All prices quoted or accepted are exclusive of Value Added Tax and the Price shall be such price plus VAT at the prevailing rate.

6 TERMINATION

6.1 The Seller shall be entitled forthwith (without prejudice to any of its other rights and remedies against the Buyer and without liability for breach of contract) by notice in writing to the Buyer to cancel the Contract and/or any other contract between the Seller and the Buyer or to suspend delivery in the following events:
 6.1.1 should any sums owing by the Buyer to the Seller be overdue, whether under the Contract and/or any other contract;
 6.1.2 should the Buyer be in breach of any provisions of the Contract and/or any other contract with the Seller or if any distress or execution shall be levied upon the Buyer, its property or assets or if it shall become insolvent or have a receiver or administrator or an equivalent officer appointed in respect of its assets or business.
 6.2 Any such contract then subsisting shall be deemed to have been cancelled.

7 DELIVERY

Delivery dates for the Goods provided by the Seller whether on the Seller's Order Confirmation or the Seller's Delivery Note or otherwise are estimates only. Although every reasonable endeavour will be made by the Seller to meet the Buyer's requirements for delivery of the Goods the Seller shall not be liable for any loss or damage whether direct or indirect or consequential caused by any delay in delivery.

7.2 All deliveries arranged by the Seller shall be arranged as agent for the Buyer and on condition that the Seller is under no obligation to contract under anything but the carrier's normal conditions.
 7.3 The Buyer must ensure that proper arrangements are made for the receipt of the Goods on delivery and will indemnify the Seller against all losses arising from failure to comply with this obligation.
 7.4 The Buyer or purchasers from the Buyer shall be responsible for installing the Goods on site and for following any instructions provided by the Seller with reference to such installation.

8 PROPERTY AND RISK

8.1 The risk in the Goods shall pass to the Buyer on delivery notwithstanding that the property in the Goods may not have passed to it.
 8.2 The property in the Goods shall not pass to the Buyer until the Price has been paid in full.
 8.3 The Buyer shall at its own expense take all necessary steps to protect the Seller's title to the Goods against third parties.
 8.4 Until the Price has been paid in full the Buyer shall hold the Goods as the Seller's fiduciary agent and bailee and shall to the extent possible keep the Goods separate from or at least separately identifiably from the any other Goods. If the Buyer resells such unpaid Goods in the ordinary course of its business it shall hold the proceeds of sale as trustee on account for the Seller.
 8.5 In case of default in payment by the Buyer or upon termination of the Contract by the Seller under clause 7 of the Conditions, the Seller shall be entitled to retake possession of and permanently retain any unpaid Goods and to revoke all liability of the Seller to the Buyer under this Contract. The Buyer shall give the Seller such facilities as are reasonably required by the Seller to enable the Seller to retake possession of the said Goods including, without limitation, an irrevocable license to enter any premises where the Goods are located.

9 WARRANTY AND LIABILITY FOR DEFECTS

9.1 Subject to the conditions set out below the Seller warrants that the Goods shall at the time of delivery to the Buyer comply with the Specification.
 9.2 The Seller's liability for any breach of the above warranty shall be limited, at the Seller's option, to:
 9.2.1 replacement of the Goods by the Seller provided that the Buyer notifies the Seller in writing of any complaint concerning the Goods delivered within 3 days of receipt of them by the Buyer and prior to the Goods being used failing which the Seller shall be under no further or other liability to the Buyer for any such breach.
 9.3 EXCEPT AS EXPRESSLY PROVIDED IN THE CONTRACT THE SELLER MAKES NO WARRANTY OR REPRESENTATION EXPRESS OR IMPLIED RELATING TO THE GOODS OR THE SPECIFICATION AND ALL OTHER REPRESENTATIONS, WARRANTIES, TERMS OR CONDITIONS WHETHER EXPRESS, IMPLIED STATUTORY OR OTHERWISE RELATED TO THE FITNESS FOR PURPOSE, QUALITY, OR COMPLIANCE WITH DESCRIPTION OF THE GOODS OR THE SPECIFICATION ARE HEREBY EXCLUDED TO THE EXTENT PERMITTED BY LAW.
 9.4 The buyer relies on its own skill and judgment as to the sufficiency, capacity and performance of the Goods and as to the suitability of the Goods for any purposes for which they are required by the Buyer. The Seller shall not be responsible for any failure of the Goods attributable to the failure of the Buyer or any purchaser from the Buyer to comply with any installation instructions provided by the Seller.
 9.5 If the Seller has assembled or otherwise dealt with or processed all or any part of the Goods in accordance with the requirements of the Buyer, these requirements shall be as expressed and given effect to in the Specification. This relies upon the adequacy, accuracy and completeness of the information provided by the Buyer as to its requirements whether on the Buyer's Purchase Order or otherwise.
 9.6 The Seller shall be under no liability under or with reference to the Contract or the Goods or the Specification for any defect in the Goods (or the way in which they are assembled, dealt with or processed) or in the Specification which is attributable to any defect, inaccuracy, inadequacy or incompleteness of any drawing design, specification or other material or information supplied by the Buyer.
 9.7 The Buyer shall before using the Goods, and before parting with possession of them, test and examine them to satisfy itself that the Goods are of the contractual quality and description and are suitable for the purpose for which they are intended to be used.

10 LIMIT OF LIABILITY

10.1 THE LIABILITY OF THE SELLER UNDER OR WITH REFERENCE TO THE CONTRACT, THE GOODS AND/OR THE SPECIFICATION WHETHER IN CONTRACT, TORT, FOR BREACH OF STATUTORY DUTY OR OTHERWISE, WHETHER ARISING DIRECTLY OR INDIRECTLY, SHALL BE LIMITED TO THE AMOUNT OF THE PRICE PAYABLE UNDER THE CONTRACT.

10.2 THE SELLER SHALL IN ANY EVENT NOT BE LIABLE UNDER OR WITH REFERENCE TO THE CONTRACT, THE GOODS OR THE SPECIFICATION WHETHER IN CONTRACT, TORT, FOR BREACH OF STATUTORY DUTY OR OTHERWISE FOR ANY CONSEQUENTIAL, INDIRECT OR PUNITIVE LOSS OR DAMAGE, LOSS OF PROFIT, REVENUE OR ANTICIPATED LOSS OF PROFIT, OR LOSS OF BUSINESS, DATA OR GOODWILL OF OR RELATED TO THE BUYER OR ANY THIRD PARTY EVEN IF THE SELLER HAS BEEN MADE AWARE OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE. THE BUYER IS ADVISED TO INSURE AGAINST ALL POTENTIAL RISKS.

10.3 THE BUYER ACKNOWLEDGES THAT SUCH LIMITS OF LIABILITY ARE REASONABLE IN THE CONTEXT OF THE CONTRACT.

FORCE MAJEURE

The Seller shall not be liable for any failure to carry out its obligations under the Contract if and to the extent that such failure is due to force majeure which shall mean an event beyond the control of the Seller including but not limited to an act of war, an outbreak of hostilities (whether or not involving the United Kingdom and whether war is declared or not), terrorism, national emergency, strikes, lock-outs, trade disputes or other labour difficulties, breakdown, delays in transport, accidents, explosions, fire, flood, drought, tempest, abnormal weather conditions, delay in delivery of raw materials or components, or failure to obtain any necessary licenses, consents of authorities for the exportation or importation of the Goods.
 11.2 The Seller shall be entitled to terminate the Contract without liability for breach of contract in the event that such a force majeure event continues for 30 days or longer.

12 CONFIDENTIALITY

12.1 The parties to the Contract will keep confidential the Contract and any confidential information relating to the other party, their business, the Goods, other products, the Specification, clients, projects or otherwise which is marked as confidential or is clearly intended to be confidential and will provide the same degree of protection for this as it would for its own confidential information and will not use, copy or disclose the same to any third party except to the extent that this is expressly permitted under this agreement or is necessary for its proper operation.
 12.2 This obligation of confidentiality will not apply to any such confidential information which:

(a) is already in the public domain;

(b) becomes known from a third party without breach of this or any other obligation of confidentiality;

(c) is required to be disclosed by a court of law or any other competent tribunal, government or other authority or regulatory body.

13 STATUS OF THE PARTIES

The parties to the Contract are to be considered as independent contractors and nothing shall be deemed to create a relationship of partnership or agency between them.

14 ENTIRE AGREEMENT

The Contract represents the entire agreement between the parties relating to its subject matter and supersedes any and all prior promises, representations, agreements, statements and understandings whatsoever which existed or may have existed between the parties other than those expressly incorporated in the Contract. This clause shall not exclude liability for fraudulent misrepresentation.

15 WAIVER

Any delay or failure by any party in exercising any right or remedy arising under the Contract shall not constitute a waiver of such right or remedy.

16 SEVERABILITY

If any provisions of the Contract should be declared invalid by a court of law or other competent tribunal or governmental body then the remainder of the Contract shall continue in full force and effect provided that it is capable of so doing.

17 UN CONVENTION

The parties hereto specifically exclude the United Nations Convention on Contracts for the International Sale of Goods from the Contract, and any transaction that may be implemented in connection with this Agreement.

18 THIRD PARTY RIGHTS

Save where expressly stated, the Contract is not intended to nor shall it create any rights, entitlements, claims or benefits enforceable by any person that is not a party to it. Accordingly, save as aforesaid, no person shall derive any benefit or have any right, entitlement or claim in relation to this Agreement by virtue of the Contracts (Rights of Third Parties) Act 1999.

19 HEADINGS

The headings in the Conditions are included for reference purposes only and shall not be taken into account in their interpretation.

20 NOTICES

All communications and notices by and to the Seller or the Buyer shall be made or given by sending the same by hand, ordinary first class post, facsimile transmission or electronic transmission in the case of the Buyer to the address on the Seller's Order Confirmation (or if none the Seller's Delivery Note) or the Buyer's last known address and in the case of the Seller to Scandia House, Armfield Close, West Molesey, Surrey, KT8 2JS and if so sent by post shall be deemed to have been made or given on the day after the date when the same was posted and in the case of other notices will be deemed to have been given on delivery.

21 GOVERNING LAW AND DISPUTES

The Contract shall be governed by and construed in accordance with the law of England and the parties hereby submit to the exclusive jurisdiction of the English courts.



SAV Systems - greener by design

Established in 1988 SAV Systems is a leading provider of innovative building services solutions designed to boost energy efficiency and cut carbon emissions. Head office is in Surrey in the United Kingdom, but the company has partnership links with specialist manufacturers across Europe.

The SAV range makes a perfect partner for low energy technologies from renewables to central plant and even district heating systems.

Products vary from sophisticated mini-CHP systems to simple water meters, but all are purpose-developed to serve a better internal environment and a greener world.

SAV Systems' technical team can help specifiers to successfully integrate modules into their projects and specially prepared design guides are also available.

SAV Systems modules are delivered pre-packaged and pre-tested to integrate easily into modern, fast-track construction programmes.

- Ultra-compact SAV Flatstations
- FloCon™ fan coil and chilled beam commissioning modules
- LoadTracker modulating energy centres
- SAV metering and monitoring services
- SAV Warehouse

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