

Pricelist

GB 2024 GBP
Valid from 01.01.2024



SWEDISH HYDRONIC SOLUTIONS SINCE 1906



Hydraulic controls for everyday use

System units • System components • Accessories • Spare parts

essco is the UK distributor of ESBE products to Wholesalers



Scan or click for
full T&C's of Sale



Scan or click for
Carrige Costs



Prices shown are valid until further notice, however Essco Group reserve the right to alter prices as necessary. Where it is necessary to pass on increases, a minimum of 30 days' notice will be given.

- From fall 2014 all ESBE products containing brass which are recommended for use in drinking water are manufactured out of dezincification resistant brass DZR which are according to the "Hygienic copper alloy composition list HCACL" this includes the 4MS-Composition List of accepted metallic materials and the German UBA List.



- From 2022 ESBE also offers product for drinking water manufactured out of brass which contain less than 0,1% lead.



CONTENTS



ROTARY VALVES
7-9

4



**FAN COIL VALVES
& ACTUATORS**
18

9



THERMOSTATIC UNITS
24

13

SPARE PARTS
32-42

17



**CIRCULATION
UNITS**
4-5

1



**CIRCULATION UNIT
MANIFOLDS**
6

2



**FRESH HYDRO
UNITS**
6

3



ROTARY ACTUATORS
10-11

5



CONTROLLERS
12-13

6

**ROTARY ADAPTOR
KIT GUIDE**
14-15

7

**ROTARY SELECTION
GUIDE**
16-17

8



ROOM THERMOSTATS
19

10



**SOLID FUEL
PRODUCTS**
20-21

11



**DIVERTING VALVES
& ZONE VALVES**
22-23

12



**THERMOSTATIC
MIXING VALVES**
25-27

14



**LINEAR VALVES
& ACTUATORS**
28-30

15



**COMPLEMENTARY
PRODUCTS**
31

16

INDEX
43-45

18

REPLACEMENT GUIDE
46-49

19

**DISTRIBUTION PACKAGING
OVERVIEW**
50-51

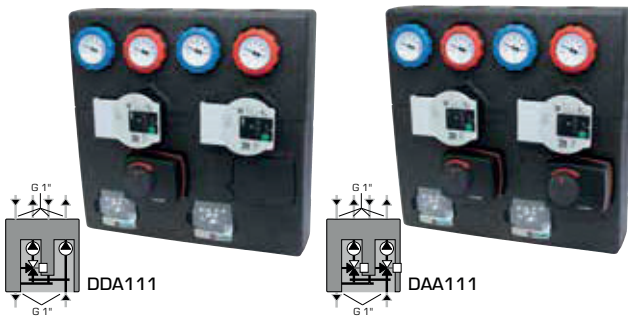
20



CIRCULATION UNIT

Series DxA

Series DxA100 is a combination of two circulation units and a manifold covered under one insulation shell.



Mixing + Direct function series DDA

One mixing circuit + one direct circuit. PN6.

Art. No.	Ref.	DN	With pump	GBP/pcs
61310100	DDA111	20	Wilo PARA 15/8-75/SC	1,662.00

Mixing function series DAA

Two mixing circuits. PN6.

Art. No.	Ref.	DN	With pump	GBP/pcs
61310200	DAA111	20	Wilo PARA 15/8-75/SC	1,945.00

ESBE ACCESSORIES

UPGRADE SET

Series DVA

DVA111 - upgrade from DDA111 to DAA111 (contains: sealing set, valve and actuator)



Art. No.	Ref.	DN	Note	GBP/pcs
66100300	DVA111	20		339.00

i Further technical information
 On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.
 Scan the QR-code and go to address <https://esbe.eu/group/products>

i Guidance to choose correct
 Circulation units sizing software
 Scan the QR-code and go to address <http://selector.esbe.eu>

i Further product possibilities
 • Matching accessories for the circulation units can be found on page 6.



CIRCULATION UNIT

Mixing function Series GRA

With Actuator ARA661, 230V 3-point ready and mounted on the Circulation unit. PN10.



Art. No.	Ref.	DN	With pump	GBP/pcs
61043600	GRA311	20	Wilo 15/8	1,015.00
61042100	GRA211	25	Wilo 25/6	1,082.00
61042200		32	Wilo 25/8	1,174.00
61042300	GRA212	25	Grundfos 25-50	1,120.00
61042400		32	Grundfos 25-70	1,200.00

With Actuator ARA639, 24V proportional, ready and mounted on the Circulation unit. PN10.

Art. No.	Ref.	DN	With pump	GBP/pcs
61042500	GRA231	25	Wilo 25/6	1,187.00
61042600		32	Wilo 25/8	1,255.00
61042700	GRA232	25	Grundfos 25-50	1,229.00
61042800		32	Grundfos 25-70	1,295.00

CIRCULATION UNIT

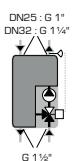
Mixing function Series GRC

With Controller CRD227 ready and mounted on the Circulation unit. PN10.



Art. No.	Ref.	DN	With pump	GBP/pcs
61044500	GRC241	25	Wilo 25/8	2,022.00
61044600		32		2,115.00
61044700	GRC242	25	Grundfos 25-70	2,128.00
61044800		32		2,202.00

With Controller CRC217 ready and mounted on the Circulation unit. PN10.



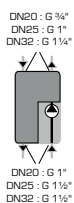
Art. No.	Ref.	DN	With pump	GBP/pcs
61044100	GRC221	25	Wilo 25/8	1,633.00
61044200		32		1,637.00
61044300	GRC222	25	Grundfos 25-70	1,705.00
61044400		32		1,771.00

CIRCULATION UNIT

Direct supply

Series GDA

Circulation unit intended for direct supply of heating. PN10.



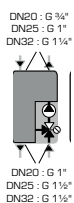
Art. No.	Ref.	DN	With pump	GBP/pcs
61003200	GDA311	20	Wilo 15/8	601.00
61001100	GDA211	25	Wilo 25/6	676.00
61001200		32	Wilo 25/8	740.00
61001300	GDA212	25	Grundfos 25-50	748.00
61001400		32	Grundfos 25-70	813.00

CIRCULATION UNIT

Fixed temperature

Series GFA

Circulation unit intended for fixed temperature operation. PN10. Temperature range: 20-55°C



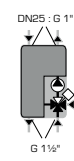
Art. No.	Ref.	DN	With pump	GBP/pcs
61023200	GFA311	20	Wilo 15/8	801.00
61021100	GFA211	25	Wilo 25/6	888.00
61021200		32	Wilo 25/8	946.00
61021300	GFA212	25	Grundfos 25-50	933.00
61021400		32	Grundfos 25-70	994.00

CIRCULATION UNIT

Bivalent mixing function

Series GBA

With Actuator ARA661, 230V 3-point ready and mounted on the Circulation unit. PN10.



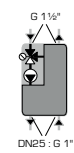
Art. No.	Ref.	DN	With pump	GBP/pcs
61061100	GBA211	25	Wilo 25/6	1,174.00

RETURN TEMPERATURE UNIT

Thermostatic, mixing function

Series GST

With thermostatic load valve series VTC400 with adjustable temperature, 50-70°C. PN10.



Art. No.	Ref.	DN	With pump	GBP/pcs
61121200	GST241	25	Wilo PARA 25-130/6	885.00

CIRCULATION UNIT

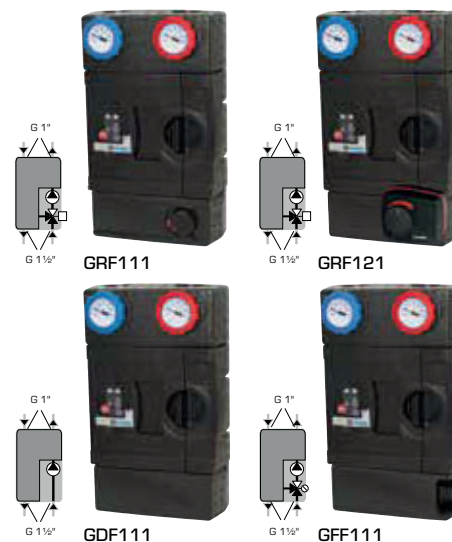
FLEXI

Series GxF

Circulation unit Flexi with built-in ESBE valve technology gives you a opportunity to use the 180 mm G 1 1/2" circulator you prefer. PN10.

The product range includes:

- Mixing group - equipped with ESBE rotary mixing valve VRG432, for free choice of any ESBE actuator or controller.
- Mixing group - equipped with ESBE rotary mixing valve VRG432 and actuator ARA661
- Direct unit - direct distribution of the heat to the system
- Mixing group - equipped with ESBE thermostatic mixing valve. Temperature range: 20-55°C



Art. No.	Ref.	DN	Note	GBP/pcs
61240100	GRF111	25	Mixing function, with VRG432	457.00
61241100	GRF121		Mixing function, with VRG432 + ARA661	636.00
61200100	GDF111		Direct supply function	338.00
61220100	GFF111		Mixing function, with VTA378	473.00

ESBE ACCESSORIES

MANIFOLD DN20

GMA321

GMA331

Connections; To system: RN 1" + From Heat source: G 1". PN4.

Art. No.	Ref.	No. of circ. units	With hydraulic separator function	Note	GBP/pcs
66000500	GMA321	2	No	-	363.00
66000600	GMA331	3			469.00

MANIFOLD DN25/DN32/FLEXI

GMA421

GMA431



GMA411



GMA521



GMA531

Connections; To system: RN 1½" + From Heat source: G 1½". PN6.

Art. No.	Ref.	No. of circ. units	With hydraulic separator function	Note	GBP/pcs
66001200	GMA421	2	No	-	444.00
66001300	GMA431	3			542.00
66001100	GMA411	1	Yes	-	291.00
66001600	GMA521	2			701.00
66001700	GMA531	3			914.00



GMA441

GMA451

Note: Products are made to order and may incur longer lead times. For confirmation of current lead times, please contact an Essco sales representative

Connections; To system: RN 1½" + From Heat source: G 1½". PN6.

Art. No.	Ref.	No. of circ. units	With hydraulic separator function	Note	GBP/pcs
66001400	GMA441	4	No	-	683.00
66001500	GMA451	5			853.00

**Guidance to choose correct**

Circulation units sizing software

Scan the **QR-code** and go to address <http://selector.esbe.eu>**Tutorials and product videos**Scan the **QR-code** and go to address <https://www.esbe.eu/group/support/tutorials-and-product-videos>**ESBE ADVANTAGES**

- All time fresh, vital and hygienic drinking water in the demanded volume
- High tap rates due to high dimensioned plate heat exchangers
- Fast reaction times without over and under shooting
- Lowest calcification risk due to reduction of the temperature on the heat plate exchanger inlet side
- Legionella flushing function
- Up to 40 l/min domestic hot water

FRESH HYDRO UNIT
Series FSK**FSK101**

External thread, PN10

Art. No.	Power supply	With pump	Connections	GBP/pcs
64000100	230 V, 50Hz	Wilo 25/7.0	G 1"	3,532.00



ESBE ACCESSORIES

FSK803

Circulation unit with pump and electronic return thermostat

Art. No.	Power supply	Connection	GBP/pcs
64020100	230 V, 50Hz	G ½"	654.00

**Water ingredients**

- PH-value (considering SI Index) _____ Limits 7-9
- Degree of hardness (°dH) _____ Limits 6-15



MIXING VALVE

Series VRG130



VRG131
Internal thread, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11600100	15	0.4	Rp 1/2"	106.00
11600200		0.63		106.00
11600300		1		106.00
11600400		1.6		106.00
11600500		2.5		97.00
11600600		4		106.00
11600700	20	2.5	Rp 3/4"	102.00
11600800		4		90.00
11600900		6.3		90.00
11601000	25	6.3	Rp 1"	106.00
11601100		10		98.00
11601200	32	16	Rp 1 1/4"	106.00
11603400	40	25	Rp 1 1/2"	183.00
11603600	50	40	Rp 2"	226.00

VRG132
External thread, PN10

Art. No.	DN	Kvs	Connection *	GBP/pcs
11601500	15	0.4	G 3/4"	106.00
11601600		0.63		106.00
11601700		1		106.00
11601800		1.6		106.00
11601900		2.5		106.00
11602000		4		106.00
11602100	20	2.5	G 1"	103.00
11602200		4		103.00
11602300		6.3		103.00
11602400	25	6.3	G 1 1/4"	111.00
11602500		10		111.00
11602600	32	16	G 1 1/2"	125.00
11603500	40	25	G 2"	180.00
11603700	50	40	G 2 1/4"	267.00

VRG133
Compression fitting, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11602900	20	4	CPF 22 mm	112.00
11603000		6.3		111.00
11603100	25	10	CPF 28 mm	112.00

MIXING VALVE

Series VRG130



VRG138
Rotating nut and External flange, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11604100	20	6.3	3 x RN 1"	130.00
11603800		4	2 x RN 1" + G 1"	120.00

MIXING VALVE

Series VRH130



VRH139
External thread + Pump flange, PN10
Flexible rotation 360 degrees + Flexible configuration 90-125 mm

Art. No.	DN	Kvs	Connections	GBP/pcs
11720100	20	2.5	G 1 1/2" + PF 1 1/2"	256.00
11720200		4		256.00
11720300		6.3		256.00

MIXING VALVE

Series VRG140



VRG141
Internal thread, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11640100	15	2.5	Rp 1/2"	120.00
11640200	20	4	Rp 3/4"	116.00
11640300		6.3		116.00
11640400	25	10	Rp 1"	125.00
11640500	32	16	Rp 1 1/4"	140.00
11641500	40	25	Rp 1 1/2"	258.00
11641700	50	40	Rp 2"	301.00

VRG142
External thread, PN10

Art. No.	DN	Kvs	Connection *	GBP/pcs
11640900	20	4	G 1"	116.00
11641000		6.3		116.00
11641100	25	10	G 1 1/4"	125.00
11641200	32	16	G 1 1/2"	140.00



Further product possibilities

- Matching actuators can be found on page 10-11
- Matching controllers can be found on page 12-13
- Selection guide can be found on page 14-17



Further technical information

On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.

Scan **the QR-code** and go to address
<https://esbe.eu/group/products>



Notes: * The matching connection kit for your valve can be found on page 9

CHANGE-OVER/DIVERTING VALVE

Series VRG230



VRG231

VRG232

VRG231

Internal thread, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11620100	20	6.3	Rp 3/4"	103.00
11620200	25	10	Rp 1"	111.00
11620300	32	16	Rp 1 1/4"	125.00
11621400	40	30	Rp 1 1/2"	188.00
11621600	50	40	Rp 2"	267.00

VRG232

External thread, PN10

Art. No.	DN	Kvs	Connection *	GBP/pcs
11620600	20	6.3	G 1"	103.00
11620700	25	10	G 1 1/4"	111.00
11620800	32	16	G 1 1/2"	125.00
11621500	40	30	G 2"	192.00
11621700	50	40	G 2 1/4"	267.00

MIXING VALVE

Series VRG330



VRG331

VRG332

VRG331

Internal thread, PN10

Art. No.	DN	Kvs A ■ - ▲	Kvs B ■ - ●	Connection	GBP/pcs
11700100	20	13	8	Rp 3/4"	103.00
11700200	25	17	10	Rp 1"	111.00
11700300	32	32	20	Rp 1 1/4"	125.00
11701100	40	45	30	Rp 1 1/2"	186.00
11701300	50	65	40	Rp 2"	267.00

VRG332

External thread, PN10

Art. No.	DN	Kvs A ■ - ▲	Kvs B ■ - ●	Connection *	GBP/pcs
11700600	20	13	8	G 1"	103.00
11700700	25	17	10	G 1 1/4"	111.00
11700800	32	32	20	G 1 1/2"	125.00
11701200	40	45	30	G 2"	186.00
11701400	50	65	40	G 2 1/4"	267.00

BIVALENT MIXING VALVE

Series VRB140



VRB141

VRB142

VRB143

VRB141

Internal thread, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11660100	15	2.5	Rp 1/2"	151.00
11660200	20	4	Rp 3/4"	147.00
11660300		6.3		147.00
11660400	25	10	Rp 1"	155.00
11660500	32	16	Rp 1 1/4"	176.00
11662000	40	25	Rp 1 1/2"	256.00
11662200	50	35	Rp 2"	379.00

VRB142

External thread, PN10

Art. No.	DN	Kvs	Connection *	GBP/pcs
11660800	15	2.5	G 3/4"	151.00
11662400		4		162.00
11660900	20	4	G 1"	147.00
11661000		6.3		147.00
11661100	25	10	G 1 1/4"	155.00
11662100	40	25	G 2"	272.00

VRB143

Compression fitting, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11661500	20	4	CPF 22 mm	155.00
11661600		6.3		155.00
11661700	25	6.3	CPF 28 mm	180.00

MIXING VALVE

Series T

**T** Internal thread, PN6

Art. No.	DN	Kvs	Connection	Note	GBP/pcs
11300900	20	8	Rp 3/4"		251.00

MIXING VALVE

Series HG



3HG, cc 125

4HG, cc 90

4HG, cc 125

3HG External thread + Pump flange, PN10

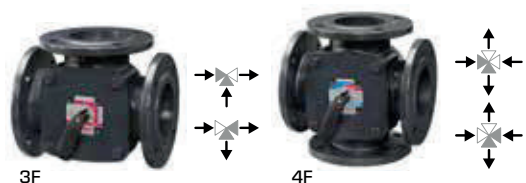
Art. No.	DN	Kvs	Connection	Note	GBP/pcs
11351200	25	10	G 1 1/2" + PF 1 1/2"	cc 125 mm, By-pass	399.00

4HG External thread + Pump flange, PN10

Art. No.	DN	Kvs	Connection	Note	GBP/pcs
11350100	25	8	G 1 1/2" + PF 1 1/2"	cc 90 mm	253.00
11350200		6,3		cc 125 mm	272.00
11351100		10		cc 125 mm, By-pass	399.00

MIXING VALVE

Series 3F and 4F



3F

4F

3F Flange, PN6

Art. No.	DN	Kvs	GBP/pcs
11100100	20	12	280.00
11100200	25	18	280.00
11100300	32	28	323.00
11100400	40	44	341.00
11100600	50	60	384.00
11100800	65	90	442.00
11101000	80	150	622.00
11101200	100	225	794.00
11101400	125	280	1,053.00
11101600	150	400	1,421.00

4F Flange, PN6

Art. No.	DN	Kvs	GBP/pcs
11101800	40	44	515.00
11101900	50	60	663.00
11102000	65	90	734.00
11102100	80	150	906.00
11102200	100	225	1,230.00



Further product possibilities

- Matching actuators can be found on page 10-11
- Matching controllers can be found on page 12-13
- Selection guide can be found on page 14-17



Further technical information

On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.

Scan the QR-code and go to address <https://esbe.eu/group/products>



ESBE ACCESSORIES

CONNECTION KIT

Series KTD100



KTD112

External thread
(3 connections/package)

Art. No.	Valve thread	Connection thread	GBP/pcs
36551700	G 1"	R 3/4"	39.00
36551800	G 1 1/4"	R 1"	72.00
36551900	G 1 1/2"	R 1 1/4"	98.00
36552000	G 2"	R 1 1/2"	169.00
36552100	G 2 1/4"	R 2"	237.00

INSULATION SHELL

Series VRI100



VRI111

Art. No.	Ref.	DN	GBP/pcs
16103800	for valve series VRG130/230/330 + VRB140	15/20	25.00
16103900		25	27.00
16104000		32	42.00
16104100		40	53.00



ACTUATOR
Series ARA600



3-point/ 2-point/ Proportional

3-point, auxiliary switch/
2-point, auxiliary switch

ARA600
3-point, 24 V AC

3-P

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12100100	ARA643	30	6		262.00
12100200	ARA653	60			262.00
12100700	ARA654			1)	303.00
12100300	ARA663	120			262.00
12100800	ARA664			1)	222.00
12100400	ARA673	240			262.00
12100500	ARA693	120/240/ 480/1200			303.00

ARA600
3-point, 230 V AC

3-P

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12101100	ARA641	30	6		262.00
12101600	ARA642			1)	303.00
12101200	ARA651	60			247.00
12101700	ARA652			1)	205.00
12101300	ARA661	120			247.00
12101800	ARA662			1)	222.00
12101400	ARA671	240			262.00
12101900	ARA672			1)	224.00
12101500	ARA691	120/240/ 480/1200			303.00

ARA600
2-point, 230 V AC

2-P

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12120700	ARA635	15	3	2)	295.00
12121000	ARA636			1), 2)	336.00
12120800	ARA645	30	6		295.00
12121100	ARA646			1)	336.00
12120900	ARA655	60			303.00
12121200	ARA656			1)	373.00

ARA600
Proportional, 24 V AC/DC

Prop.

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12520100	ARA639	15/30/ 60/120	6	6)	311.00
12520200	ARA659	45/120			256.00

ACTUATOR
Series 90



3-P

90
3-point, 24 V AC

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12050600	92	60	15		311.00
12050700	92-2	120			311.00
12051300	93	240			311.00

90
3-point, 230 V AC

3-P

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12051700	94	15	5		311.00
12051900	95	60	15		311.00
12052000	95-2	120	15		311.00
12052300	96	240	15		311.00

90
2-point, 230 V AC

2-P

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12052500	97	15	5	3)	385.00
12052600	98	60	15		385.00

90
Proportional, 24 V AC/DC

Prop.

Art. No.	Reference	Running time [s]	Torque [Nm]	Note	GBP/pcs
12550500	93P	60 – 390	15	4), 5) Operating range 90°/180°/355°	490.00

ESBE ACCESSORIES

**AUXILIARY SWITCH,
ADAPTOR KITS**



ARA600

90

Options ARA600, 90

Art. No.	Reference	Designation	Note	GBP/pcs
16200700	ARA801	Auxiliary switch kit ARA600		56.00
98100690	-	Auxiliary switch kit 90		81.00
Different adaptor kits suitable – see pages 14–15				

Notes: 1) With premounted auxiliary switch 2) Recommended only for valves DN 15-32 3) With built-in relay 4) Factory settings are: 90° operating range and 120s running time 5) The running time relates to set turning angle, more information can be found in the installation instruction. 6) With feedback signal

ACTUATOR Series ARC



ARC
3-point/2-point, 24 V AC/DC

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12201100	ARC363	150	30		551.00

ARC
3-point/2-point, 230 V AC/DC



Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12200100	ARC361	150	30		551.00

ARC
Proportional, 24 V AC/DC



Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12220100	ARC369	150	30	2)	731.00



EXCHANGE SET

Series 90 on existing Centra mixing valve
Actuator 95-2, 230 V AC + Adaptor kit 900C

As a replacement set to an actuator Honeywell VMM20 mounted on a Centra mixing valve ZR/DR/DRG DN15-50; DRU DN25-32. Valid for installations from year 1990.

Art. No.	Actuator	Adaptor kit, 900C	GBP/pcs
12050500	95-2	Centra ZR, DR, DRU, DRG (≤ DN50)	338.00



Legend

- 3-P** 3-point SPDT = Single Pole Double Throw
- 2-P** 2-point SPST = Single Pole Single Throw
- Prop.** Proportional = 0..10 V, 2..10 V, 0..20mA, 4..20mA
- Spring return



Further product possibilities

- Matching valves can be found on page 7-9
- Matching room thermostats can be found on page 19
- Selection guide can be found on page 14-17



Further technical information

On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.

Scan **the QR-code** and go to address <https://esbe.eu/group/products>



VALVE + ACTUATOR Series VRG + Series ARA



VRG131 + ARA661
Mixing valve PN10 + Actuator 3-point, 230 V AC

Art. No.	Mixing valve			Actuator	GBP/pcs
	DN	Kvs	Connection		
13020600	15	2.5	Rp 1/2"	ARA661	354.00
13020700	20	4	Rp 3/4"		345.00
13022300		6.3			345.00
13020800	25	6.3	Rp 1"		355.00
13022400		10			355.00



Tutorials and product videos

Scan **the QR-code** and go to address <https://www.esbe.eu/group/support/tutorials-and-product-videos>



Notes: 1) With 2 premounted auxiliary switches 2) With 0(2)-10V feed back signal [U]

**CONTROLLER**
Series CRA**CRA**

Constant temperature controller, 230 V AC,
Temp. range 5–95°C,



Art. No.	Ref.	Torque [Nm]	Note	GBP/pcs
12721500	CRA215	6	1), 2)	512.00

CONTROLLER
Series CRB**CRB**

Indoor sensor based controller, 230 V AC



Art. No.	Ref.	Torque [Nm]	Room display unit	Note	GBP/pcs
12663100-A	CRB211	6	Cable	1), 2), 3)	731.00
12665200	CRB221		Wireless	1)	921.00

CONTROLLER
Series CRC**CRC**

Weather compensation controller, 230 V AC



Art. No.	Ref.	Torque [Nm]	Note	GBP/pcs
12821100-A	CRC211	6	1), 2)	590.00

CONTROLLER
Series CRD**CRD**

Combined weather compensating and indoor sensor based
controller, 230 V AC



Art. No.	Ref.	Torque [Nm]	Note	GBP/pcs
12684200	CRD221	6	1)	1,024.00

**Tutorials and product videos**

Scan the **QR-code** and go to address
[https://www.esbe.eu/group/
support/tutorials-and-product-videos](https://www.esbe.eu/group/support/tutorials-and-product-videos)

**CONTROLLER**
Series CRK**CRK**

Combined constant flow temperature and return temperature
controller when two flow temperatures need to be controlled.,
230 V AC, Temp. range 5–95°C



Art. No.	Ref.	Torque [Nm]	Note	GBP/pcs
12729100-A	CRK211	6	1), 2)	608.00

CONTROLLER
Series CRS**CRS**

Constant flow temperature controller made especially
for PWx (Potable water applications), 230 V AC,
Temp. range 5–95°C



Art. No.	Ref.	Torque [Nm]	Note	GBP/pcs
12727100-A	CRS211	6	1), 2)	794.00

ESBE ACCESSORIES

**SENSORS, ADAPTOR KITS,
AUXILIARY SWITCH**

ARA600, CRxx1x

90, CRAx20, CRCx20

CRx2xx

CRx2xx

Options CRA, CRB, CRC, CRD, CUA

Art. No.	Ref.	Designation	GBP/pcs
17053100	CRA911	Flow pipe sensor, 5m cable	85.00
17056000	CRC911	Outdoor sensor [CRC, CRD]	132.00
17052000	CRS911	Flow pipe sensor [CRS]	147.00
17055600	CRA913	Pump control module, on/off	85.00
17056400	CRB916	Wireless communication module [for CRx2xx versions]	140.00
		Different adaptor kits suitable – see pages 14–15	

Art. No.	Ref.	Designation	Note	GBP/pcs
16200700	ARA801	Auxiliary switch kit ARA600, CRx200, CRA111/112/141/151, CRB111, CRC111/141, CRS131	4)	56.00
98100690	-	Auxiliary switch kit 90, CRA120, CRC120		81.00

VALVE + CONTROLLER

Series VRx + Series CRx



VRB141 + CRA211

Bivalent valve PN10 + Controller, 230 V AC



Art. No.	Mixing valve			Controller	GBP/pcs
	DN	Kvs	Connection		
13042200	25	10	Rp 1"	CRA211	690.00



VRG131 + CRC211

Mixing valve PN10 + Controller, 230 V AC



Art. No.	Mixing valve			Controller	GBP/pcs
	DN	Kvs	Connection		
13042000	20	6,3	Rp 3/4"	CRC211	620.00
13042100	25	10	Rp 1"		626.00

i Legend

- Combined weather compensating and indoor sensor based controller
- Indoor sensor based controller
- Weather compensation controller
- Constant flow temperature controller made especially for PWx (Potable water applications)
- Constant temperature controller

i Further product possibilities

- Matching valves can be found on page 7-9
- Selection guide can be found on page 14-17

i Further technical information

On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.

Scan **the QR-code** and go to address **<https://esbe.eu/group/products>**



Fitting kit compatibility guide for ESBE actuators and controllers

● Comes with the actuator ● Order separately



Type Reference	Art. No.	GBP/pcs		Series ARA6xx, CRAx1x, CRAx4x, CRAx5x, CRBx1x, CRBx2x, CRCx1x, CRCx4x, CRDx2x, CRKx2x, CRSx3x	Series 90, CRAx2x, CRCx2x	Series 90C
ARA803 ESBE VRG, VRB (Only the pictured components needed).	16000500	15.00		●		
ARA803 ESBE MG, G, F, BIV, T, TM, H, HG			●			
VRG801 ESBE VRG, VRB	16053300	26.00			●	
VRG804 ESBE VRG, VRB without hand lever for controller 90C	16053700	28.00				●
900 ESBE Series MG, G, F, BIV, H, HG	16051300	20.00			●	
900-270 ESBE Series MG, G, F without hand lever for actuator 92P4, 95-270M, 93P and for controller 90C	16053400	23.00			●*	●
ARA806 Honeywell Centra Corona, Series V5433A, V5433G, V5442A, V5442G	16000800	37.00		●		
ARA808 Lovato	16000900	38.00		●		
ARA805 Meibes	16000600	18.00		●		
ARA809 PAW	16001000	43.00		●		

Notes: *No extra adaptors are required for 95-270M and 92P4

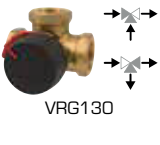


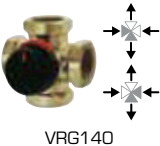

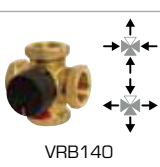


Type Reference	Art. No.	GBP/pcs		Series ARA6xx, CRAx1x, CRAx4x, CRAx5x, CRBx1x, CRBx2x, CRCx1x, CRCx4x, CRDx2x, CRKx2x, CRSx3x	Series 90, CRA12x, CRC12x	Series 90C
ARA807 Watts**	16000700	25.00		●		
ARA810 Wita Minimix, Maximix, H10, H9GG, H9MS	16001100	27.00		●		
900C Honeywell Centra ZR, DR, DRU, DRG (DN15 - DN50)	16053900	75.00			●	● *
900CK Honeywell Centra Kompakt DRK/ZRK	16051700	95.00			●	● *
900F Meibes / Watts/ BRV/ Oventrop***	16053600	84.00			●	● *
900K Siemens VBG31, VBI31, VBF21, VCI31****	16052500	116.00			●	● *
900A TA-VTR	16051400	83.00			●	● *
900L Schneider Electric TRV / TAC-TRV	16052600	97.00			●	● *
900B Viessmann (DN20 - DN25)	16051500	83.00			●	● *







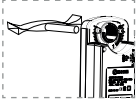


Notes: *Adaptor kit includes hand lever which must be removed for Series 90C. It is not required for assembly. **Adapter valid to valves manufactured before 2019 *** For Oventrop mixing valves until ~2015 (old design of the housing). **** Only up to DN50

Fitting kit compatibility guide for ESBE actuators and controllers

● Recommended ● Secondary alternative

	Actuators						Controllers				
	ARAGxx			90			90C	CRAx1x, CRAx4x, CRAx5x, CRK	CRBx1x, CRBx2x	CRA12x	CRS131, CRS211
	3-P	2-P	Prop.	3-P	2-P	Prop.		Tc	Tc	Tc	
 <p>VRG130</p>	●	●	●	●*	●*	●*	●	●	●*	● ¹⁾	
 <p>VRG330</p>	●	●	●	●*	●*	●*	●	●	●*	● ¹⁾	
 <p>VRH130</p>											
 <p>VRG140</p>	●	●	●	●*	●*	●*	●	●	●*	● ¹⁾	
 <p>VRG230</p>	●	●	●	●*	●*	●*	●	●	●*	● ¹⁾	
 <p>VRB140</p>	●	●	●	●*	●*	●*	●	●	●*	● ¹⁾	

Notes: *Additional adaptor kit necessary, see pages 14–15 1) UK regulations should be considered when selecting valves for certain applications

		Actuators					Controllers	
		 90 - 15 Nm		 ARC - 30 Nm			 90C	 CRAx2x CRCx2x
		3-P	2-P	Prop.	3-P/2-P	Prop.		
 3F		●	●	●	●	●	●	●
 4F		●	●	●	●	●	●	●
 Damper					●	●		
				6 m ²  9 - 18 mm  9 - 26 mm				

Selection guide ESBE actuators

The figures below are intended only as a recommendation for ordinary installations. In some applications the valve may require even more actuator torque.

		Maximum differential pressure			Maximum Flow		
	Actuator	 ARA600	 90	 ARC300	 ARA600	 90	 ARC300
	Torque	6 Nm	15 Nm	30 Nm	6 Nm	15 Nm	30 Nm
	DN	max. ΔP [kPa]			max. flow [m ³ /h]		
 3F/4F	20	50	50	50	8,5	8,5	8,5
	25				13	13	13
	32				20	20	20
	40				31	31	31
	50				42	42	42
	65	—	64	64			
	80	—	110	110			
	100	—	120	160			
	125	—	110	200			
150	—	15	—	160	280		



FAN COIL VALVE
Series VLG100



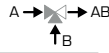
VLG122 VLG132 VLG142

VLG122
2-Way Valve PN16



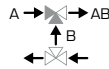
Art. No.	DN	Kvs	Connection	GBP/pcs
21500100	15	0.25	G 1/2"	41.00
21500200		0.4		41.00
21500300		0.6		41.00
21500400		1		41.00
21500500		1.6		41.00
21500600	20	2.5	G 3/4"	50.00

VLG132
3-Way Valve PN16



Art. No.	DN	Kvs		ΔP_{max} (bar)		Connection	GBP/pcs
		A-AB	B-AB	A-AB	B-AB		
21501300	15	0.6	0.6	2.5	2.5	G 1/2"	48.00
21501400		1	0.6	2.5	2.5		48.00
21501500		1.6	1	1.5	1.5		48.00
21501600	20	2.5	1.6	1.5	1.5	G 3/4"	56.00
21501700		4	2.5	1.0	0.4		113.00

VLG142
3-Way Valve with by-pass, PN16



Art. No.	DN	Kvs		ΔP_{max} (bar)		Connection	GBP/pcs
		A-AB	B-AB	A-AB	B-AB		
21502100	15	0.25	0.25	2.5	2.5	G 1/2"	54.00
21502200		0.4	0.4	2.5	2.5		54.00
21502300		0.6	0.6	2.5	2.5		54.00
21502400		1	0.6	2.5	2.5		54.00
21502500		1.6	1	1.5	1.5		54.00
21502600	20	2.5	1.6	1.5	1.5	G 3/4"	58.00

ACTUATOR
Series ALG400



ALG43x
2-point, Stroke 2.5 mm



ALG434, ALG436 ALG438

Art. No.	Ref.	Supply voltage	Running time [s]	Force [N]	GBP/pcs
22500100	ALG434	110-230 V AC	380/230*	140	52.00
22500200	ALG436	24 V AC/DC	400		52.00


ALG438
Proportional, Stroke 2.5 mm



Art. No.	Ref.	Supply voltage	Running time [s]	Force [N]	GBP/pcs
22500300	ALG438	24 V AC	400	140	147.00

i **FURTHER PRODUCT POSSIBILITIES**
Matching room thermostat is series TFC >> see page 19

i **Further technical information**
On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.
Scan **the QR-code** and go to address <https://esbe.eu/group/products>



Notes: *380 s with 110 V supply voltage and 230 s with 230 V supply voltage



ROOM THERMOSTAT

Series TMA



TMA115

TMA116

Art. No.	Ref.	Notes	Temp. range	Switching capabilities	GBP/ pcs
18000500	TMA115	1	8-30°C	16 (2,5)A@250V AC	30.00
18000600	TMA116	1, 3		5 (2,5)A@250V AC	39.00

FAN COIL ROOM THERMOSTAT

Series TFC



TFC139

Art. No.	Ref.	Notes	Power supply	Temp. range	Switching capabilities	GBP/ pcs
18004500	TFC139	2, 4	24V AC/ 230V AC	5-35°C	3 (1)A @250V AC	180.00



NOTES INSIDE TABLES: FUNCTIONS/FEATURES

- 1) For use in heating application
- 2) For use in heating and cooling application
- 3) With ON/OFF switch
- 4) With 0-10V DC heating, cooling and fan signal output



FURTHER PRODUCT POSSIBILITIES

For series TMA

Recommended actuator is 2-points versions:

- series ARA >> see page 10
- series 90 >> see page 10
- series ARC >> see page 11
- series VZC, VZD >> see page 22
- series MBA >> see page 23
- series ZRS >> see page 23

For series TFC

Recommended actuator is series ALG >> see page 18



LOAD UNIT
Series LTC300



LTC341 Internal thread, with electronic 4m pump, PN6

Art. No.	DN	Connection Adapter	Temp.*	GBP/pcs
55005300	25	G 1"	55°C ± 5°C	814.00
55005400			60°C ± 5°C	814.00
55005500			65°C ± 5°C	814.00

LTC361 Internal thread, with electronic 6m pump, PN6

Art. No.	DN	Connection Adapter	Temp.*	GBP/pcs
55006000	25	G 1"	55°C ± 5°C	822.00
55006100			60°C ± 5°C	822.00
55006200			65°C ± 5°C	822.00
55006300			70°C ± 5°C	822.00
55006400	32	G 1 1/4"	55°C ± 5°C	838.00
55006500			60°C ± 5°C	838.00
55006600			65°C ± 5°C	838.00
55006700			70°C ± 5°C	838.00


LTC381 Internal thread, with electronic 8m pump, PN6

Art. No.	DN	Connection Adapter	Temp.*	GBP/pcs
55006800	40	G 1 1/2"	55°C ± 5°C	906.00
55006900			60°C ± 5°C	906.00
55005200			65°C ± 5°C	906.00

i **Further technical information**


On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.

Scan **the QR-code** and go to address <https://esbe.eu/group/products>



i **Tutorials and product videos**

Scan **the QR-code** and go to address <https://www.esbe.eu/group/support/tutorials-and-product-videos>



LOAD VALVE
Series VTC500



VTC511 Internal thread, PN10

Art. No.	DN	Kvs	Connection	Temp.*	GBP/pcs
51020100	25	9	Rp 1"	50°C ± 5°C	175.00
51020200				55°C ± 5°C	175.00
51020300				60°C ± 5°C	175.00
51021100				65°C ± 5°C	175.00
51020400				70°C ± 5°C	175.00
51020600	32	14	Rp 1 1/4"	50°C ± 4°C	181.00
51020700				55°C ± 4°C	181.00
51020800				60°C ± 4°C	181.00
51021200				65°C ± 4°C	181.00
51020900				70°C ± 4°C	181.00

VTC512 External thread, PN10

Art. No.	DN	Kvs	Connection	Temp.*	GBP/pcs
51021500	25	9	G 1 1/4"	50°C ± 5°C	175.00
51021600				55°C ± 5°C	175.00
51021700				60°C ± 5°C	175.00
51022500				65°C ± 5°C	175.00
51021800	32	14	G 1 1/2"	70°C ± 5°C	175.00
51022000				50°C ± 4°C	181.00
51022100				55°C ± 4°C	181.00
51022200				60°C ± 4°C	181.00
51022600				65°C ± 4°C	181.00
51022300				70°C ± 4°C	181.00

SOLID FUEL KIT
Series SFK100



SFK120 Adjustable temperature, Internal thread, PN6

Art. No.	DN	Kvs	Connection Adapter	Temperature		GBP/pcs
				Opening	Mixed (AB)	
55021100	25	4,5	G 1"	50-70°C	52-72°C ± 3°C	777.00

SFK130 Motorised, Internal thread, PN6

Art. No.	DN	Kvs	Kvs	Connection Adapter	Note	GBP/pcs
55021300	25	13	8	G 1"	Actuator ARA651, 3-point, 230 V AC	818.00

SFK140 Motorised, Internal thread, PN6

Art. No.	DN	Kvs	Kvs	Connection Adapter	Note	GBP/pcs
55021600	25	13	8	G 1"	Controller CRA211, 230 V AC	911.00

Notes: *Mixed temperature.

LOAD VALVE Series VTC400



VTC412

VTC422

VTC412 External thread, PN10. Fixed temperature settings.

Art. No.	DN	Kvs	Connection	Temp.*	GBP/pcs
51060100	25	5.5	G 1"	50°C ± 4°C	166.00
51060200				55°C ± 4°C	166.00

VTC422 External thread, PN10. Adjustable temperature range.

Art. No.	DN	Kvs	Connection	Temp. range*	GBP/pcs
51060600	25	4.5	G 1"	50-70°C ± 4°C	200.00

LOAD VALVE Series VTC300



VTC311

VTC312

VTC317

VTC318

VTC311 Internal thread, PN10

Art. No.	DN	Kvs	Connection	Temp.*	GBP/pcs
51000100	20	3.2	Rp ¾"	45°C ± 2°C	147.00
51000200				55°C ± 2°C	147.00
51000300				60°C ± 2°C	147.00

VTC312 External thread, PN10

Art. No.	DN	Kvs	Connection	Temp.*	GBP/pcs
51000800	15	2.8	G ¾"	45°C ± 2°C	139.00
51000900				55°C ± 2°C	139.00
51001000				60°C ± 2°C	139.00
51001500	20	3.2	G 1"	45°C ± 2°C	147.00
51001600				55°C ± 2°C	147.00
51001700				60°C ± 2°C	147.00

VTC317 Pumpflange/External thread, PN10

Art. No.	DN	Kvs	Connection	Temp.*	GBP/pcs
51002200	20	3.2	PF 1½", G 1"	45°C ± 2°C	172.00
51002300				55°C ± 2°C	172.00
51002400				60°C ± 2°C	172.00

VTC318 Rotating nut/External thread, PN10

Art. No.	DN	Kvs	Connection	Temp.*	GBP/pcs
51002900	20	3.2	RN 1", G 1"	45°C ± 2°C	163.00
51003000				55°C ± 2°C	163.00
51003100				60°C ± 2°C	163.00

DRAUGHT REGULATOR Series ATA200



Art. No.	Reference	Temp. range	Connection	Note	GBP/pcs
56001100	ATA212	35-95°C	G ¾"	1)	64.00
56001500				2)	72.00

FLUE GAS THERMOSTAT Series CTF150



CTF151

Art. No.	Switch temp. range	Max. temp. probe	Note	GBP/pcs
56020100	20-240°C	550°C		166.00

Options series CTF151

Art. No.	Reference	Designation	GBP/pcs
56020200	CTF851	Immersion pocket Ø 8 mm x 0.75 mm, length 100 mm	76.00

FLUE GAS THERMOSTAT Series CTF200



CTF271

Art. No.	Switch temp. range	Max. temp. probe	Note	GBP/pcs
56020300	40-160°C	750°C	3)	238.00

THERMAL SAFETY VALVE Series VST200



VST212 Internal thread, PN10

Art. No.	Opening temp.	Relief capacity	Connection	GBP/pcs
36028000	95°C ± 3°C	1,35 [m ³ /h] ⁴⁾	G ¾" G ½"	174.00

ESBE ACCESSORIES

THERMOSTATS ETC.



Options series LTC100, LTC200, LTC300, VTC530, VTC510

Art. No.	Reference	Designation	GBP/pcs
57020100	VTC951	Thermostat 50°C	72.00
57020200		Thermostat 55°C	72.00
57020300		Thermostat 60°C	72.00
57020800		Thermostat 65°C	72.00
57020400		Thermostat 70°C	72.00
57020500		Thermostat 75°C	72.00
57020600	VTC952	Thermometer, 3pcs	145.00
57020700	VTC953	Insulation, ≥ DN32	99.00

Options series VTC300

Art. No.	Reference	Designation	GBP/pcs
57000600	VTC931	Thermostat 42°C	60.00
57000100		Thermostat 45°C	60.00
57000700		Thermostat 50°C	60.00
57000200		Thermostat 55°C	60.00
57000300		Thermostat 60°C	60.00
57000400		Thermostat 70°C	60.00
57000500		Thermostat 80°C	60.00

Notes: *Mixed temperature. 1) Immersion pocket 50 mm 2) Immersion pocket 75 mm 3) Immersion pocket Ø 6,35 mm, length 150 mm 4) At 1 bar differential pressure



MOTORISED DIVERTING VALVE

Series VZC 3s



VZC162
External thread, PN6, IP20

Art. No.	DN	Kvs*	Connection	Note	GBP/pcs
43060600	15	3.5	G 3/4"	1)	211.00
43060700	20	6.0	G 1"	2)	189.00
43060800			G 1"	1)	211.00

VZC263
Compression fitting, PN6, IP20

Art. No.	DN	Kvs*	Connection	Note	GBP/pcs
43061400	20	4.5	CPF 22 mm	1)	243.00
43061600	25	6.0	CPF 28 mm	1)	245.00

Series VRG230 + ARA645 30s



VRG232 + ARA645
Change-over/Diverting valve PN10 + Actuator 2-point, 230 V AC

Art. No.	Mixing valve			Actuator	GBP/pcs
	DN	Kvs	Connection		
13023500	25	10	G 1 1/4"	ARA645	392.00
13023600	32	16	G 1 1/2"		406.00
13023700	40	30	G 2"		456.00

MOTORISED DIVERTING VALVE

Series VZD 3s



VZD161
Internal thread, PN6, IP40

Art. No.	DN	Kvs*	Connection	Note	GBP/pcs
43080100	20	6.0	Rp 3/4"	3)	211.00

VZD162
External thread, PN6, IP40

Art. No.	DN	Kvs*	Connection	Note	GBP/pcs
43080300	15	3.5	G 3/4"	3)	211.00
43080400	20	6.0	G 1"		211.00

VZD263
Compression fitting, PN6, IP40

Art. No.	DN	Kvs*	Connection	Note	GBP/pcs
43080700	20	4.5	CPF 22 mm	3)	243.00
43080800	25	6.0	CPF 28 mm		245.00

ESBE ACCESSORIES CABLES



Options series VZC, VZD

Art. No.	Reference	Designation	GBP/pcs
46050300	ALZ801	Cable, loose version IP20, 3-wire	45.00

THERMOSTATIC DIVERTING VALVE

Series VTD300



VTD322
External thread, PN10

Art. No.	DN	Kvs	Connection	Change-over point	GBP/pcs
31600100	20	3.6	G 1"	45°C	147.00
31600200				50°C	147.00
31600300				60°C	147.00

Series VTD500



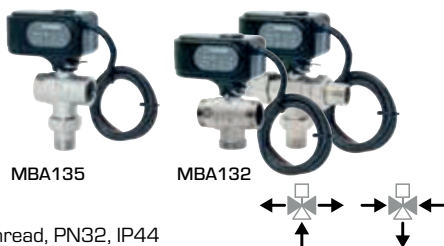
VTD582
External thread, PN10

Art. No.	DN	Kvs	Connection	Change-over point	GBP/pcs
31580100	20	2.8	G 1"	42-52°C	192.00

Notes: *Kvs-value in diverting mode measured as m³/h at a pressure drop of 1 bar. Kvs-value in mixing mode 10% lower. 1) Detachable cable 2) Without cable 3) Fixed cable

MOTORIZED DIVERTING VALVE

Series MBA  40s 



MBA135
Internal/External thread, PN32, IP44

Art. No.	DN	Kvs	Connections			Note	GBP/pcs
			A	B	C		
43102100	20	9.6	G 3/4"	G 3/4"	G 3/4"	1)	225.00
43102200	25	11.3	G 1"	G 1"	G 1"		242.00

MBA132
External thread, PN32, IP44

Art. No.	DN	Kvs	Connections			Note	GBP/pcs
			A	B	C		
43102500	20	9.6	G 1"	G 1"	G 1"		224.00
43102600	25	11.3	G 1 1/4"	G 1 1/4"	G 1 1/4"		238.00

MBA132
External thread with adapters, PN32, IP44

Art. No.	DN	Kvs	Connections			Note	GBP/pcs
			A	B	C		
43102700	20	9.6	G 3/4"	G 3/4"	G 3/4"		242.00
43102800	25	11.3	G 1"	G 1"	G 1"		270.00



Series ZRS  15s  



ZRS234
Internal thread, PN16, IP44

Art. No.	DN	Kvs	Max. differential pressure [kPa]	Connection	GBP/pcs
43123200	20	4.6	100	G 3/4"	162.00
43123300	25	5.7		G 1"	166.00
43123400	32	8.4		G 1 1/4"	221.00

MOTORIZED ZONE VALVE

Series MBA  40s 



MBA121
Internal thread, PN32, IP44

Art. No.	DN	Kvs	Connections		Note	GBP/pcs
			A	B		
43100100	20	45	G 3/4"	G 3/4"		202.00
43100200	25	60	G 1"	G 1"		213.00
43100300	32	100	G 1 1/4"	G 1 1/4"		225.00

MBA124
Internal/External thread, PN32, IP44

Art. No.	DN	Kvs	Connections		Note	GBP/pcs
			A	B		
43100400	20	45	G 3/4"	G 3/4"	3)	233.00
43100500	25	60	G 1"	G 1"		232.00
43100600	32	100	G 1 1/4"	G 1 1/4"		239.00

MBA122
External thread, PN32, IP44

Art. No.	DN	Kvs	Connections		Note	GBP/pcs
			A	B		
43101100	15	20	G 3/4"	G 3/4"		195.00
43101200	20	45	G 1"	G 1"		203.00
43101300	25	60	G 1 1/4"	G 1 1/4"		219.00
43101400	32	100	G 1 1/2"	G 1 1/2"		233.00

MBA122
External thread with adapters, PN32, IP44

Art. No.	DN	Kvs	Connections		Note	GBP/pcs
			A	B		
43100700	15	20	G 1/2"	G 1/2"		211.00
43100800	20	45	G 3/4"	G 3/4"		217.00
43100900	25	60	G 1"	G 1"		242.00
43101000	32	100	G 1 1/4"	G 1 1/4"		258.00



Series ZRS  15s  



ZRS224
Internal thread, PN16, IP44

Art. No.	DN	Kvs	Max. differential pressure [kPa]	Connection	GBP/pcs
43122200	20	4.6	150	G 3/4"	155.00
43122300	25	5.7	100	G 1"	161.00
43122400	32	10	80	G 1 1/4"	211.00

Legend

-  2-P 2-point SPST = Single Pole Single Throw
-  Spring return


Further product possibilities

- Matching room thermostats can be found on page 19

Further technical information

On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.

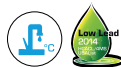
Scan the QR-code and go to address <https://esbe.eu/group/products>



Notes: 1) Connection A, B = Internal thread, Connection C = External thread 2) Connection A = Internal thread, Connection B, C = External thread 3) Connection A = Internal thread, Connection B = External thread



CIRCULATION SET
Series VTR



VTR300



VTR500

VTR322
External thread, PN10

Art. No.	Temp. range	Kvs	Connection	GBP/pcs
31400100	35-60°C	1.6	R 3/4"	338.00
31400200	45-65°C			338.00
31400300	50-75°C			338.00

VTR522
External thread, PN10

Art. No.	Temp. range	Kvs	Connection		GBP/pcs
31400400	45-65°C	3.5	R 3/4"	R 1"	458.00
31400500	50-75°C			458.00	

THERMOSTATIC FLOW LIMITATION VALVE
Series VTF300



VTF322
External thread, PN10

Art. No.	Closing temperature	Kvs	Connection	GBP/pcs
31220300	55°C	1.8	G 3/4"	168.00

SOLAR KIT
Series VMD300



VMD322
External thread, PN10

Art. No.	Temperatures		Kvs	Connection	GBP/pcs
	Opening	Mixing			
31525000	42-52°C	35-60°C	1.4	R 3/4"	507.00

SOLAR KIT
Series VMC300



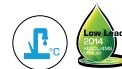
VMC322
External thread, PN10

Art. No.	Temperatures		Kvs	Connection*	GBP/pcs
	Opening	Mixing			
31521000	45°C	35-60°C	1.5	G 1"	327.00

VMC322
External thread with adapters, PN10

Art. No.	Temperatures		Kvs	Connection	Note	GBP/pcs
	Opening	Mixing				
31521300	45°C	35-60°C	1.4	R 3/4"	1)	402.00

VALVE MANIFOLD
Series VMB400, VMB500



VMB423
Compression fitting, PN10
Temp. range 35-60°C

Art. No.	DN	Kvs	Connection	Safety valve		GBP/pcs
				[MPa]	[bar]	
31502000	15	1.1	CPF 15 mm	—	—	163.00
31502600				1.0	10	188.00
31502100	20	1.6	CPF 22 mm	—	—	163.00
31502200				0.6	6	188.00
31502300				0.7	7	188.00
31502400				0.9	9	188.00
31502500				1.0	10	188.00



VMB523
Compression fitting, PN10
Temp. range 35-60°C

Art. No.	DN	Kvs	Connection	Safety valve		GBP/pcs
				[MPa]	[bar]	
31510100	25	3.2	CPF 28 mm	0.9	9	460.00

Notes: * The matching connection kit for your valve can be found on page 27. 1) Two check valves for both hot and cold water are included

14 THERMOSTATIC MIXING VALVES



THERMOSTATIC MIXING VALVE Basic series VTA320, VTA520



VTA321 VTA322, VTA522 VTA323



VTA321 LF Internal thread, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
32100800	35 - 60°C	1.6	Rp 3/4"		142.00

VTA322 LF External thread, PN10

Art. No.	Temp. range	Kvs	Connection *	Note	GBP/pcs
32100600	35 - 60°C	1.5	G 3/4"		137.00
32101000		1.6	G 1"		141.00

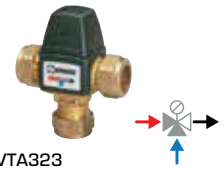
VTA321 Internal thread, PN10



Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31100300	20 - 43°C	1.5	Rp 1/2"		118.00
31100700		1.6	Rp 3/4"		124.00
31100400	35 - 60°C	1.5	Rp 1/2"		118.00
31100800		1.6	Rp 3/4"		122.00

VTA322, VTA522 External thread, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection *	GBP/pcs
31102800	VTA322	20 - 43°C	1.2	G 1/2"	114.00
31100500			1.5	G 3/4"	118.00
31100900			1.6	G 1"	120.00
31620100	VTA522	20 - 43°C	3.2	G 1"	181.00
31620400			3.5	G 1 1/4"	187.00
31102900	VTA322	35 - 60°C	1.2	G 1/2"	114.00
31100600			1.5	G 3/4"	118.00
31101000	VTA522	35 - 60°C	1.6	G 1"	120.00
31620200			3.2	G 1"	181.00
31620500	VTA322	45 - 65°C	3.5	G 1 1/4"	187.00
31103200			1.6	G 1"	124.00
31620300	VTA522	50 - 75°C	3.2	G 1"	181.00
31620600			3.5	G 1 1/4"	187.00



VTA323 Compression fitting, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31102600	20 - 43°C	1.2	CPF 15 mm	2)	119.00
31100100		1.5	CPF 22 mm		129.00
31102700	35 - 60°C	1.2	CPF 15 mm	2)	119.00
31103900		1.5	CPF 18 mm		124.00
31100200		1.5	CPF 22 mm		127.00



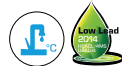
VTA522 External thread with adapters, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31620700	20 - 43°C	3.0	G 1" R 3/4"	1)	216.00
31621000		3.4	G 1 1/4" R 1"		254.00
31620800	45 - 65°C	3.0	G 1" R 3/4"	1)	216.00
31621100		3.4	G 1 1/4" R 1"		254.00
31620900	50 - 75°C	3.0	G 1" R 3/4"	1)	216.00
31621200		3.4	G 1 1/4" R 1"		254.00

VTA523 Compression fitting with adapters, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31621600	20 - 43°C	3.4	G 1 1/4" CPF 28mm	1)	274.00
31621700	45 - 65°C	3.4	G 1 1/4" CPF 28mm		274.00

THERMOSTATIC MIXING VALVE Basic series VTA350, VTA550



VTA351 Internal thread, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31104900	35 - 60°C	1.6	Rp 3/4"		124.00

VTA352, VTA552 External thread, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection *	GBP/pcs
31660100	VTA552	20 - 43°C	3.2	G 1"	181.00
31660400			3.5	G 1 1/4"	187.00
31105000	VTA352	35 - 60°C	1.5	G 3/4"	118.00
31105100			1.6	G 1"	124.00
31660200	VTA552	45 - 65°C	3.2	G 1"	181.00
31660500			3.5	G 1 1/4"	187.00
31660300	VTA552	50 - 75°C	3.2	G 1"	181.00
31660600			3.5	G 1 1/4"	187.00

» For more variants, please see next page

Notes: * The matching connection kit for your valve can be found on page 27. 1) Two check valves for both hot and cold water are included 2) A non-return valve for the cold water is included.



VTA352

External thread with integrated check valves, PN10

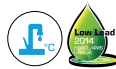
Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31106100	35 - 60°C	1.5	G 1"	1)	132.00

VTA353

Compression fitting, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31105200	35 - 60°C	1.5	CPF 22 mm		175.00

THERMOSTATIC MIXING VALVE
Premium series VTA330, VTA360



VTA332

External thread, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection*	Note	GBP/pcs
31150200	VTA332	32 - 49°C	1.2	G ¾"		190.00
31150700			1.2	G ¾"		203.00
31150900	VTA332	35 - 60°C	1.3	G 1"		200.00

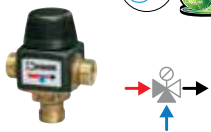
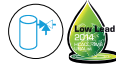
VTA362

External thread, PN10



Art. No.	Ref.	Temp. range	Kvs	Connection*	Note	GBP/pcs
31151400	VTA362	32 - 49°C	1.2	G ¾"		147.00
31151100			1.2	G ¾"		147.00
31151200	VTA362	35 - 60°C	1.3	G 1"		155.00

THERMOSTATIC MIXING VALVE
Series VTA310



VTA312

External thread, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31050200	35 - 60°C	1.2	G ½"		84.00

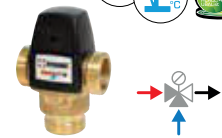


VTA313

Compression fitting, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31050100	35 - 60°C	1.2	CPF 15 mm		104.00
31050400		1.5	CPF 22 mm	2)	107.00
31050500	30 - 70°C	1.5	CPF 22 mm		107.00

THERMOSTATIC MIXING VALVE
Solar series VTS520



VTS522

External thread, PN10

Art. No.	Temp. range	Kvs	Connection*	Note	GBP/pcs
31720100	45 - 65°C	3.2	G 1"		215.00
31720300		3.5	G 1¼"		222.00
31720200	50 - 75°C	3.2	G 1"		215.00
31720400		3.5	G 1¼"		222.00



VTS522

External thread with adapters, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31720500	45 - 65°C	3.0	G 1" R ¾"	1)	254.00

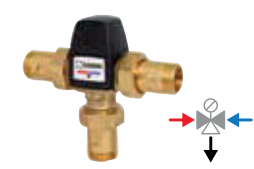
THERMOSTATIC MIXING VALVE
Solar series VTS550



VTS552

External thread, PN10

Art. No.	Temp. range	Kvs	Connection*	Note	GBP/pcs
31740100	45 - 65°C	3.2	G 1"		215.00
31740300		3.5	G 1¼"		222.00
31740200	50 - 75°C	3.2	G 1"		215.00
31740400		3.5	G 1¼"		222.00



VTS552

External thread with adapters, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31740500	45 - 65°C	3.0	G 1" R ¾"		254.00
31740700		3.4	G 1¼" R 1"		272.00
31740600	50 - 75°C	3.0	G 1" R ¾"		254.00



Further technical information

On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.

Scan the QR-code and go to address <https://esbe.eu/group/products>



Notes: * The matching connection kit for your valve can be found on page 27. 1) Two check valves for both hot and cold water are included 2) A non-return valve for the cold water is included. 3) According to standard EN 15092 4) According to standard EN 1111 + NFD79 (France)

THERMOSTATIC MIXING VALVE

Basic series
VTA370, VTA570



VTA372, VTA572 VTA377, VTA577 VTA378, VTA578

VTA372, VTA572
External thread, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection*	GBP/pcs
31700100	VTA572	10 - 30°C	4.5	G 1"	188.00
31700400			4.8	G 1 1/4"	200.00
31200100	VTA372	20 - 55°C	3.4	G 1"	140.00
31200400		30 - 70°C	3.4	G 1"	140.00
31702100	VTA572	20 - 55°C	4.5	G 1"	188.00
31702200			4.8	G 1 1/4"	200.00
31702500	VTA572	30 - 70°C	4.5	G 1"	188.00
31702600			4.8	G 1 1/4"	200.00

VTA377, VTA577
Pump flange and External thread, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection	GBP/pcs
31200200	VTA377	20 - 55°C	3.4	G 1" PF 1 1/2"	168.00
31702300	VTA577		4.5		231.00

VTA378, VTA578
Rotating nut and External thread, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection	GBP/pcs
31200300	VTA378	20 - 55°C	3.4	G 1" RN 1"	149.00
31702400	VTA578		4.5		200.00

THERMOSTATIC MIXING VALVE

Series VTG140



VTG141
Internal and external thread, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31810100	20 - 55°C	3.4	Rp 3/4" G 1"		140.00

THERMOSTATIC EMERGENCY MIXING VALVE

Premium series
VTE310, VTE510



VTE312, VTE512
External thread, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection*	GBP/pcs
31260200	VTE312	22 - 28°C	1.2	G 3/4"	289.00
31280200	VTE512		4.8	G 1 1/4"	407.00

ESBE ACCESSORIES

CONNECTION KIT Series KCD300



KCD313
Compression fitting, PN10

Art. No.	Valve thread	Connection	Note	GBP/pcs
36552900	G 1"	CPF 22 mm	6)	88.00

CONNECTION KIT Series KTD200, KTD300



KTD212, KTD312
External thread, PN10

Art. No.	Ref.	Valve thread	Connection thread	Note	GBP/pcs
36552200	KTD212	G 1"	R 3/4"	5)	50.00
36552400	KTD312			6)	59.00
36552300	KTD212	G 1 1/4"	R 1"	5)	89.00
36552500	KTD312			6)	92.00

Notes: * The matching connection kit for your valve can be found on page 27. 1) Two check valves for both hot and cold water are included 2) A non-return valve for the cold water is included. 3) According to standard EN 15092 4) According to standard EN 1111 + NF079 (France) 5) 3 connections/package, One check valve included 6) 3 connections/package, Two check valves included

i Legend

- Potable water, Anti-scald function
- Solar heating, Anti-scald function
- Potable water, No anti-scald function
- Eye washers or emergency showers, Anti-scald function
- Under floor heating or wall heating, Anti-scald function



CONTROL VALVE Series VLF100

VLF135
3-Way Control Valve PN6



Art. No.	Reference	DN	Kvs	Note	GBP/pcs
21001200	VLF135	20	6.3	1), 2)	414.00
21001300		25	10		422.00
21001400		32	16		521.00
21001500		40	25		654.00
21001600		50	38		772.00

CONTROL VALVE Series VLA100

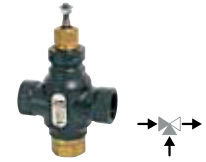
VLA121
2-Way Control Valve PN16



Art. No.	DN	Kvs	Connection	Note	GBP/pcs
21150100	15	1.6	Rp 1/2"	1)	168.00
21150200		2.5			168.00
21150300		4			168.00
21150400	20	6.3	Rp 3/4"	1)	188.00
21150500	25	10	Rp 1"		211.00
21150600	32	16	Rp 1 1/4"		244.00
21150700	40	25	Rp 1 1/2"		268.00
21150800	50	38	Rp 2"		371.00

CONTROL VALVE Series VLA100

VLA131
3-Way Control Valve PN16



Art. No.	DN	Kvs	Connection	Note	GBP/pcs
21150900	15	1.6	Rp 1/2"	1)	189.00
21151000		2.5			189.00
21151100		4			189.00
21151200	20	6.3	Rp 3/4"	1)	203.00
21151300	25	10	Rp 1"		230.00
21151400	32	16	Rp 1 1/4"		254.00
21151500	40	25	Rp 1 1/2"		302.00
21151600	50	38	Rp 2"		413.00

CONTROL VALVE Series VLA300, VLB300

VLA325, VLB325
2-Way Control Valve PN16



Art. No.	Reference	DN	Kvs	Note	GBP/pcs		
21200100	VLA325	15	1.6	1), 2)	290.00		
21200200			2.5		290.00		
21200300			4		290.00		
21200400			20		6.3	310.00	
21200500		25	10		343.00		
21200600		32	16		419.00		
21200700		40	25		448.00		
21200800		50	38		547.00		
21220100		VLB325	65		63	3)	1,154.00
21220200			80		100	4)	1,452.00
21220300	100		130	1,991.00			
21220400	125		200	2,871.00			
21220500	150		300	3,893.00			

VLA335, VLB335
3-Way Control Valve PN16



Art. No.	Reference	DN	Kvs	Note	GBP/pcs		
21200900	VLA335	15	1.6	1), 2)	330.00		
21201000			2.5		330.00		
21201100			4		330.00		
21201200		20	6.3		361.00		
21201300		25	10		383.00		
21201400		32	16		465.00		
21201500		40	25		581.00		
21201600		50	38		690.00		
21221100		VLB335	65		63	3)	988.00
21221200			80		100	4)	1,305.00
21221300	100		130	1,880.00			
21221400	125		200	2,798.00			
21221500	150		300	3,678.00			

i **Valve operation overview**

2-way valve 3-way valve

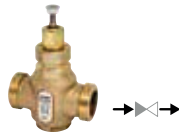
i **Further technical information**

On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.

Scan **the QR-code** and go to address <https://esbe.eu/group/products>

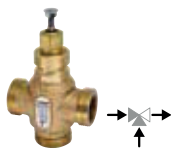
Notes: 1) Stroke 20 mm 2) With premounted flange gasket 3) Stroke 25 mm 4) Stroke 45 mm

CONTROL VALVE Series VLE100



VLE122
2-Way Control Valve PN16

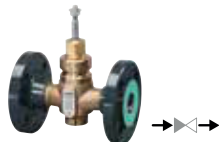
Art. No.	DN	Kvs	Connection*	Note	GBP/pcs
21250100	15	0.25	G 1"	1)	298.00
21250200		0.4			298.00
21250300		0.63			298.00
21250400		1			298.00
21250500		1.6			298.00
21250600		2.5			298.00
21250700		4			298.00
21250800	20	6.3	G 1 1/4"		333.00
21250900	25	10	G 1 1/2"		384.00
21251000	32	16	G 2"		445.00
21251100	40	25	G 2 1/4"		562.00
21251200	50	38	G 2 3/4"		664.00



VLE132
3-Way Control Valve PN16

Art. No.	DN	Kvs	Connection*	Note	GBP/pcs
21251300	15	1.6	G 1"	1)	298.00
21251400		2.5			298.00
21251500		4			298.00
21251600	20	6.3	G 1 1/4"		334.00
21251700	25	10	G 1 1/2"		385.00
21251800	32	16	G 2"		445.00
21251900	40	25	G 2 1/4"		562.00
21252000	50	38	G 2 3/4"		691.00

CONTROL VALVE Series VLE300



VLE325
2-Way Control Valve PN16

Art. No.	Reference	DN	Kvs	Note	GBP/pcs
21400300	VLE325	20	1.6	1), 2)	460.00
21400400			2.5		460.00
21400700		25	1.6		467.00
21400800			2.5		467.00
21400900			4		491.00

CONTROL VALVE Series VLC100, VLC200



VLC125
2-Way Control Valve PN25

Art. No.	Reference	DN	Kvs	Note	GBP/pcs
21300100	VLC125	15	0.25	1)	440.00
21300200			0.4		440.00
21300300			0.63		440.00
21300400			1		440.00
21300500			1.6		440.00
21300600			2.5		440.00
21300700			4		440.00
21300800		20	6.3		538.00
21300900		25	10		538.00
21301000		32	16		614.00
21301100		40	25		664.00
21301200		50	38		796.00

VLC225
2-Way Control Valve PN25, With pressure balanced plug.

Art. No.	Reference	DN	Kvs	Note	GBP/pcs
21301300	VLC225	25	10	1)	664.00
21301400		32	16		796.00
21301500		40	25		926.00
21301600		50	38		1,108.00

ESBE ACCESSORIES CONNECTION KITS

Options valves DN15-50



KTB112
Fittings Internal thread, PN16

Art. No.	Valve thread	Connection Ød	Note	GBP/pcs
26100700	G 1"	Rp 1/2"	3), With internal thread	27.00
26100800	G 1 1/4"	Rp 3/4"		20.00
26100900	G 1 1/2"	Rp 1"		20.00
26101000	G 2"	Rp 1 1/4"		28.00
26101100	G 2 1/4"	Rp 1 1/2"		34.00
26101200	G 2 3/4"	Rp 2"		50.00

Notes: * The matching connection kit for your valve can be found on page 29. Notes: 1) Stroke 20 mm 2) With premounted flange gasket 3) 1 connection/package



ACTUATOR Series ALFxxx



ALF131, ALF261, ALF361, ALF461

Modulating/Proportional or 3-point floating, 230 V AC

Art. No.	Reference	Running time [s]	Force [N]	Note	GBP/pcs
22200100	ALF131	15-60	600	1)	544.00
22200200	ALF261		1000	2)	659.00
22200300	ALF361		1500		993.00
22200400	ALF461	60	2220		1,432.00

ALF134, ALF264, ALF364, ALF464

Modulating/Proportional or 3-point floating, 24 V AC/DC

Art. No.	Reference	Running time [s]	Force [N]	Note	GBP/pcs
22201100	ALF134	15-60	600	1)	544.00
22201200	ALF264		1000	2)	659.00
22201300	ALF364		1500		993.00
22201400	ALF464	60	2220		1,432.00

ACTUATOR Series ALB100



ALB144

Proportional/3-point, 24 V AC

Running time by proportional signal;
 [10-25 mm] _____ 15 s
 [10-32 mm] _____ 20 s
 [10-52 mm] _____ 30 s
 by increase/decrease signal; _ 300 s/60 s

Art. No.	Reference	Force [N]	Note	GBP/pcs
22050100	ALB144	800	3), 4)	1,058.00

ESBE ACCESSORIES

STEM HEATER

Options actuators



Art. No.	Reference	For	Operating voltage	GBP/pcs
26201200	ALF802	ALFxxx, ALBxxx, ALHxxx, ALAxxx*	24V AC, 50W	294.00

END POSITION CONTACTS

Options actuators



Art. No.	Reference	For	Switching capabilities	Note	GBP/pcs
26201100	ALF801	ALFxxx	4A @ 24V AC/DC	5)	140.00

ADAPTOR KITS

Options ESBE valves DN15-50 to other actuators



Art. No.	Ref.	For	Adaptor kit to	GBP/pcs
26000700	VLA821	ESBE VLx	Siemens SQX, SAX	65.00

ADAPTOR KITS

Options ESBE actuators to other valves

Art. No.	Ref.	Actuator				Designation	Note	GBP/pcs
		ALA*	ALB	ALF13x	ALF26x, ALF36x, ALF46x			
26000200	ALB841		•		•	Siemens VVF31..., VVF32..., VVF40..., VVF41..., VVF42..., VVF42..K, VVF43..., VVF45..., VVG41..., VVF52..., VVF53..., VVF61..., VXF31..., VXF32..., VXF40..., VXF41..., VXF42..., VXF43..., VXF53..., VXF61..., VVG41...		184.00

LINEAR UNIT Series SLD



SLD136

Modulating/Proportional 24 V AC/DC

Art. No.	Ref.	DN	Kvs	Connection	Note	GBP/pcs
43500100	SLD136	10	1.6	G 1/2"		343.00
43500200		15	2.5	G 3/4"		355.00
43500300		20	3.4	G 1"		366.00

Notes: *Actuator series ALA is expired from assortment and replaced by series ALF 1) Stroke 30 mm 2) Stroke 60 mm 3) Stroke 10-52 mm 4) 0...10V, 2...10V or 3-point 5) Not possible together with 3-point ALFxx1

16 COMPLEMENTARY PRODUCTS



MANIFOLD Series VMA200

VMA213 Compression fitting/internal thread, PN16

Art. No.	Reference	DN	Kvs	Connection	GBP/pcs
36401000	VMA213	15	2.5	CPF 15 mm G 1/2"	64.00
36401100		20	3.5	CPF 22 mm G 1/2"	72.00

FILLING VALVE Series VFA200

VFA203 Compression fitting, PN16

Art. No.	DN	Kvs	Connection	Note	GBP/pcs
36301100	15	2.3	CPF 15 mm		50.00

DRAINING VALVE Series VDA100

VDA102 External thread, PN16

Art. No.	DN	Connection	Note	GBP/pcs
36200100	15	G 1/2"	G 1/2"	20.00

VACUUM VALVE Series VVA100

VVA100 External thread, PN10

Art. No.	DN	Connection	Note	GBP/pcs
36100100	15	G 1/2"		20.00

CHECK VALVE Series VCA100

VCA100 PN10
Only for copper pipes 15x1 mm / 22x1 mm

Art. No.	DN	Kvs	Opening pressure [kPa]			GBP/pcs
			↑	→	↓	
36500100	15	1.5	4.0	3.8	3.5	11.00
36500400	20	4.0	2.5	2.3	2.0	11.00

SAFETY VALVE Series VSB100

VSB132 External thread and Compression fitting, PN16

CE PED 97/23/EC TÜV ACS



Art. No.	Opening pressure		Blow-off capacity*		DN	Connection		GBP/pcs
	[MPa]	[bar]	[kW] ¹⁾	[l/h] ²⁾				
36020100	0.6	6.0	75	76	15	R 1/2"	CPF 15mm	25.00
36020400	0.9	9.0						25.00
36020500	1.0	10.0						25.00

CONTACT THERMOSTAT Series TSA100



Art. No.	Ref.	Control range	Contacts rating	Note	GBP/pcs
86900100	TSA121	40 - 70°C ± 5°C	(C-2) 10A	A)	50.00
86900200	TSA122	20 - 90°C	(C-1) 10A/ (C-2) 6A 250V AC	B)	34.00
86900300	TSA112	20 - 90°C		A)	34.00

IMMERSION ADJUSTABLE THERMOSTAT Series TIA100



TIA122

Art. No.	Ref.	Immersion sleeve [mm]	Connection	Note	GBP/pcs
86901100	TIA122	100	G 1/2"		50.00
86901200		200		53.00	

IMMERSION DOUBLE THERMOSTAT Series TIB100



TIB121

Art. No.	Ref.	Immersion sleeve [mm]	Connection	Note	GBP/pcs
86902100	TIB121	100	G 1/2"		82.00



Further technical information

On our website you will find loads of useful information like instruction manuals, certificates and technical data. You also might discover some additional article numbers.

Scan the QR-code and go to address <https://esbe.eu/group/products>



Notes: *given at specified pressure +20% 1) Acc. to EN-1491 § 9 2) Acc. to EN-1491 § 6.2.4 A) Internal setting B) External setting

ROTARY VALVES

Series VRG, VRB, VRH



VRG130, VRG330



VRG140, VRB140

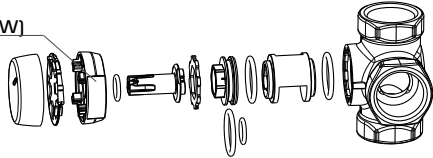


VRG230



VRH130

Date code (YYWW)



17006900, 17006910,
17006920, 17006930,
17006950



17006940

Valve type	Applies to			Jointing set			Handle knob/Scale		
	Art.No.	DN	Note	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs
VRG130	116001xx - 116009xx, 116015xx - 116023xx, 116029xx - 116030xx 116038xx - 116041xx 116044xx - 116046xx	15/20		VRG802	17006900	60.00	VRG803	17006940	32.00
	116010xx - 116011xx 116024xx - 116025xx 116031xx	25			17006910	60.00			
	116012xx, 116026xx 116034xx - 116035xx	32/40	1), 3)		17006920	60.00			
	116013xx - 116014xx 116027xx - 116028xx	40/50	2), 4)		17006930	59.00			
	116036xx - 116037xx	50	1), 5)		17006950	60.00			
VRH130	117201xx - 117203xx	20		VRG802	17006900	60.00	VRG803	17006940	32.00
VRG140	116401xx - 116403xx 116408xx - 116410xx	15/20		VRG802	17006900	60.00	VRG803	17006940	32.00
	116404xx, 116411xx	25			17006910	60.00			
	116405xx, 116412xx 116415xx - 116416xx	32/40	1), 3)		17006920	60.00			
	116406xx - 116407xx 116413xx - 116414xx	40/50	2), 4)		17006930	59.00			
	116417xx - 116418xx	50	1), 5)		17006950	60.00			
VRG230	116201xx, 116206xx, 116211xx - 116212xx	20		VRG802	17006900	60.00	VRG803	17006940	32.00
	116202xx, 116207xx, 116213xx	25			17006910	60.00			
	116203xx, 116208xx 116214xx - 116215xx	32/40	1), 3)		17006920	60.00			
	116204xx - 116205xx 116209xx - 116210xx	40/50	2), 4)		17006930	59.00			
	116216xx - 116217xx	50	1), 5)		17006950	60.00			
VRG330	117001xx, 117006xx	20		VRG802	17006900	60.00	VRG803	17006940	32.00
	117002xx, 117007xx	25			17006910	60.00			
	117003xx, 117008xx 117011xx - 117012xx	32/40	1), 3)		17006920	60.00			
	117004xx - 117005xx 117009xx - 117010xx	40/50	2), 4)		17006930	59.00			
	117013xx - 117014xx	50	1), 5)		17006950	60.00			
VRB140	116601xx - 116602xx 116608xx - 116609xx 116615xx - 116616xx	15/20		VRG802	17006900	60.00	VRG803	17006940	32.00
	116604xx, 116611xx, 116617xx	25			17006910	60.00			
	116605xx, 116612xx 116620xx - 116621xx	32/40	1), 3)		17006920	60.00			
	116606xx - 116607xx 116613xx - 116614xx	40/50	2), 4)		17006930	59.00			
	116622xx - 116623xx	50	1), 5)		17006950	60.00			

VRB243

Compression fitting, PN10 - With equal flow configuration as old series BIV20. Please note that it is not the same installation dimensions.



VRB243

BIV20

Art. No.	DN	Kvs	Connection	GBP/pcs
11661800	20	4	CPF 22 mm	187.00

Note: 1) from YYMM = 0908 2) up to YYMM = 0907 3) inner diameter D = 40,8 mm 4) inner diameter D = 57,8 mm 5) inner diameter D = 53,8 mm

ROTARY VALVES

Series 3MG, 3HG



3MG

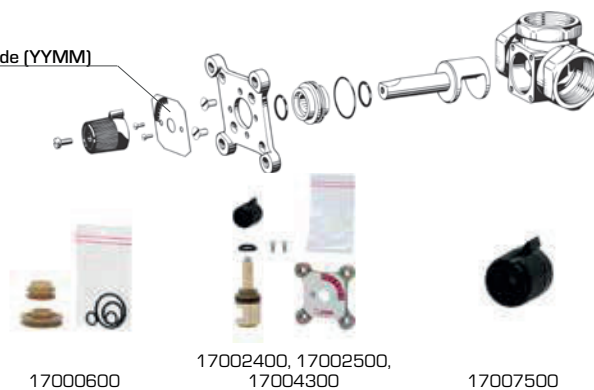


3MGP



3HG

Date code [YYMM]



17000600

17002400, 17002500,
17004300

17007500

Valve type	Applies to		Interior complete			Handle knob/Lever			Joining set		
	Art.No.	up to [YYMM]	Reference	Art.No.	GBP/ pcs	Reference	Art.No.	GBP/ pcs	Reference	Art.No.	GBP/ pcs
3MG15 - 3MG28 (Kvs 0.6-8)	11000100		3MG-1	17002400	172.00				MG	17000600	42.00
	11000200										
	11000300										
	11000400										
	11000500										
	11000700										
3MGP15 - 3MGP25 (Kvs 2.5-8)	11005500										
	11005600										
	11002000										
3MG25 -12 3MG32 -18 (Kvs 12-18)	11002400		3MG-2	17002500	172.00				MG	17000600	42.00
	11002700										
3MGP32 (Kvs 18)	11005700										
3HG25	11350500										
	11351200*										

ROTARY VALVES

Series 4MG, 4HG, TM, 5MG, BIV20



4MG



4HG



TM



5MG



BIV20

Date code [YYMM]



17000600

17003700, 17003800,
17004100, 17004200,
17004400

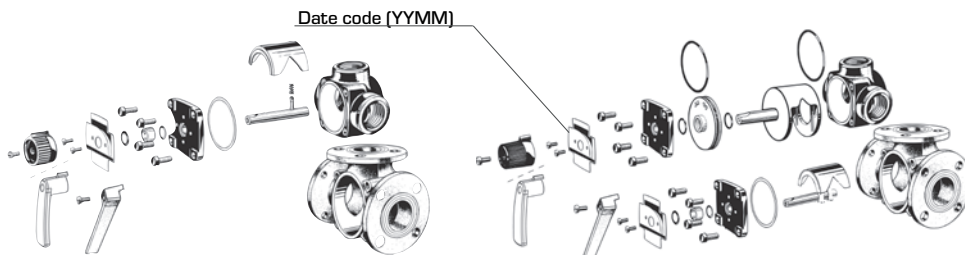
17007500

Valve type	Applies to		Interior complete			Handle knob/Lever			Joining set		
	Art.No.	up to [YYMM]	Ref.	Art.No.	GBP/ pcs	Ref.	Art.No.	GBP/ pcs	Ref.	Art.No.	GBP/ pcs
4MG15 - 4MG25 (Kvs 2.5-8)	11003400								MG	17000600	42.00
	11003600										
	11003900										
	11004200										
4MG25 -12 4MG32 -18 (Kvs 12-18)	11004700										
	11004900										
4HG25 -8, cc 90 mm 4HG25 -6.3, cc 125 mm	11350100										
	11350200										
4HG25 -10, cc 125 mm	11350800 11351100*										
TM22	11300400	9412									
TM20	11300400										
5MG25 -8 5MG32 -18	11005200										
	11005300										
BIV20 BIV22	11450100										
	11450300										

Note: *with By-pass ** for x-shaped valves

ROTARY VALVES

Series 3G, 3F, 3H



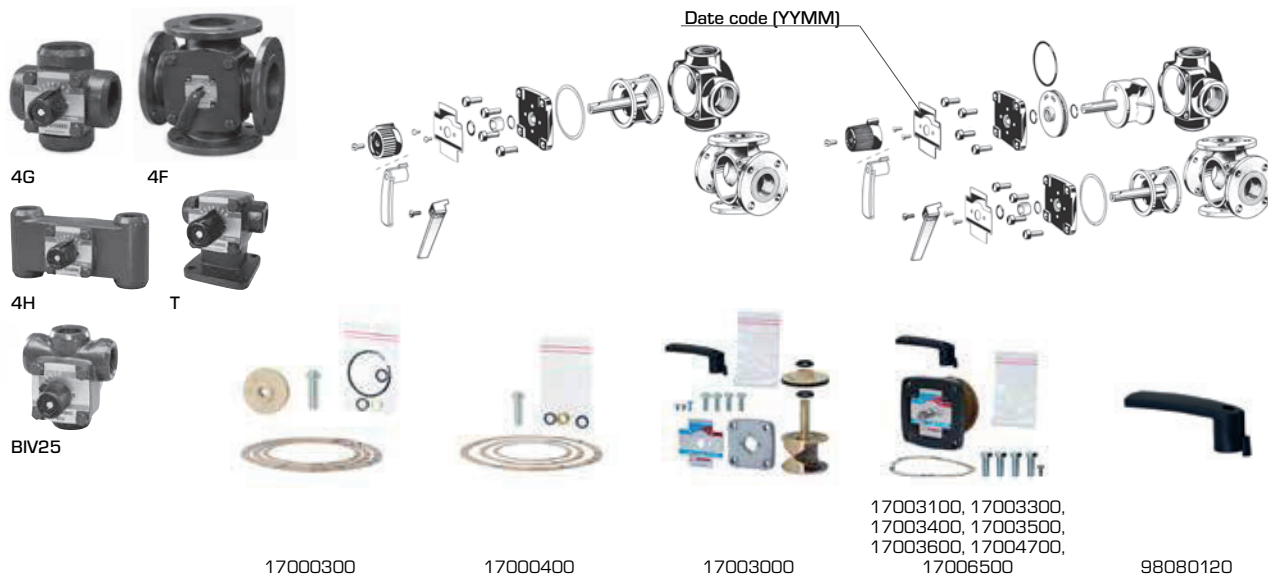
Valve type	Applies to		Interior complete			Handle knob/Lever			Jointing set		
	Art.No.	up to (YYMM)	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs
G119 - 138	11050100 11050200 11050300 11050400	9605	K1C	17000800	213.00	Lever*	98080120	17.00	No. 1 (DN 20-65)	17000300	57.00
G151	11050600	9612	K2A-S	17001100	385.00						
F120-125	110 - 111	9605	K1C	17000800	213.00						
F132-140	112 - 113	9612	K2A-S	17001100	385.00						
F150-165	11100600 115	9012	-								
F180	116		-								
F1100	117		K5A-S	17001800	990.00						
F1125	118		-								
F1150	119		K6-S	17002100	1,565.00						
3H25	11351500		-						No. 2 (DN 80-150)	17000400	57.00
			-								
			-			No. 1 (DN 20-65)	17000300	57.00			

Valve type	Applies to		Interior complete			Handle knob/Lever			Jointing set		
	Art.No.	from (YYMM)	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs
3G20 - 40	11050100 11050200 11050300 11050400	9606	K1C	17000800	213.00	Lever	98080120	17.00	No. 1 (DN 20-65)	17000300	57.00
3G50	11050600	9701	K2A-S	17001100	385.00						
3F20 - 25	11100100 11100200	9606	K1C	17000800	213.00						
3F32 - 40	11100300 11100400	9701	K2A-S	17001100	385.00						
3F50 - 65	11100600 11100800	9101	K3A-S	17001400	504.00						
3F80	11101000		K4-S	17001700	784.00						
3F100	11101200		K5A-S	17001800	990.00						
3F125	11101400		K5B-S	17002000	1,193.00						
3F150	11101600		K6-S	17002100	1,565.00						
3H32 - 40	11351700 11351900		-						No. 1 (DN 20-65)	17000300	57.00
			-								

Notes: *Replaces Handle knob Art.No. 17007500 and Lever Art.No. 98360010

ROTARY VALVES

Series 4G, 4F, 4H, T, BIV25



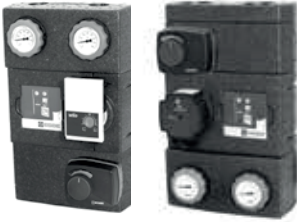
Valve type	Applies to		Interior complete			Handle knob/Lever			Joining set		
	Art.No.	up to (YYMM)	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs
G419 - 438	11050800 11051000 11051300 11051400	9605	V1	17003000	213.00	Lever*	98080120	17.00	No. 1 (DN 20-65)	17000300	57.00
G451	11051600		V2A	17003100	413.00						
F432-440	11101700 11101800		-	-	-						
F450-465	11101900 11102000		-	-	-						
F480	11102100		V4	17003400	842.00				No. 2 (DN 80-150)	17000400	57.00
F4100 - 4125	11102200 11102300		V5	17003500	940.00						
F4150	11102400		-	-	-				-	-	-

Valve type	Applies to		Interior complete			Handle knob/Lever			Joining set		
	Art.No.	from (YYMM)	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs
4G20 - 40	11050800 11051000 11051300 11051400	9606	V1	17003000	213.00	Lever	98080120	17.00	No. 1 (DN 20-65)	17000300	57.00
4G50	11051600		V2A	17003100	413.00						
4F32 - 40	11101700 11101800		-	-	-						
4F50 - 65	11101900 11102000		-	-	-						
4F80	11102100		V4	17003400	842.00				No. 2 (DN 80-150)	17000400	57.00
4F100 - 125	11102200 11102300		V5	17003500	940.00						
4F150	11102400		-	-	-				-	-	-
4H20 - 25	11351300 11351400		V1T	17006500	211.00				No. 1 (DN 20-65)	17000300	57.00
4H32 - 40	11351800 11352000	4H32 - 40	17004700	445.00							
T20 - 32	11300900 11301000 11301100	V1T	17006500	211.00							
BIV25	11450200	-	-	-	-	-	-				

Notes: *Replaces Handle knob Art.No. 17007500 and Lever Art.No. 98360010

CIRCULATION UNITS, RETURN TEMPERATURE UNITS

Series GDx, GFx, GRx, GBx, GSx, Dxx



GDx, GFx, GRx, GBx GSx



Dxx



67000300

67005100

67005200,
67005300

67005600,
67005700



67000400,
67000500

67005400,
67005500



67003000



67004400



67002000



67000600



67003300,
67003800



67003400,
67004000



67003500



67000700



67006100,
67006200



67007000-
67007300

Applies to			Type	Note	Reference	Art.No.	GBP/pcs
DN20	DN25	DN32					
•			Pump Wilo PARA 15-130/8-75/SC	for Dxx versions		67005100	481.00
	•		Pump Wilo PARA 25/6	for Gxx2x1 versions	GSP951	67005200	524.00
		•	Pump Wilo PARA 25/8			67005300	557.00
•			Pump Wilo STG 15/8	for 61003200, 61023200, 61043200	GSP932	67005600	521.00
	•	•	Pump Wilo STG 25/8	for GRC2x1 versions	GSP953	67005700	521.00
		•	Pump Wilo RKA 25/7.5	for Gxx1x1 versions		67000300	557.00
	•		Pump Grundfos UPM3 25-50	for Gxx1x2 versions	GSP901	67000400	586.00
		•	Pump Grundfos UPM3 HYBRID 25-70			67000500	620.00
	•	•	Pump Grundfos UPM3 HYBRID 25-70	for GRC2x2 versions			
	•	•	Pump Grundfos UPM3 AUTO 25-50	for Gxx2x2 versions	GSP952	67005400	586.00
		•	Pump Grundfos UPM3 AUTO 25-70			67005500	620.00
•	•	•	Thermometer upgrade set, 2 pcs/package		GSP903	67000600	116.00
•	•		Ball valves with thermometer DN20 G 3/4", 2 pcs/package		GSP933	67003300	190.00
•	•		Ball valves with thermometer DN20 G 1", 2 pcs/package			67003800	190.00
•	•		Ball valve DN 20, 1 pcs/package			67003500	104.00
	•		Ball valves with thermometer DN 25, 2 pcs/package		GSP911	67003400	229.00
	•	•	Ball valves with thermometer DN 32, 2 pcs/package			67004000	234.00
	•	•	Adaptor kit valve/actuator (ARA/CRx) for circulation unit		GSP912	67000700	28.00
•	•	•	ARA661 quickfit with cable	for Dxx, GRA21x, GRA31x, GBA2'1x versions	GSP961	67006100	245.00
	•	•	ARA639 quickfit	for GRA23x versions	GSP962	67006200	334.00
	•	•	CRC217 quickfit, Wilo	for GRC221 versions	GSP964	67007000	804.00
	•	•	CRC217 quickfit, Grundfos	for GRC222 versions	GSP963	67007100	804.00
	•	•	CRD227 quickfit, Wilo	for GRC241 versions	GSP964	67007200	1,347.00
	•	•	CRD227 quickfit, Grundfos	for GRC242 versions		67007300	1,347.00
•			Insulation circulation unit DN 20		GSP930	67003000	225.00
	•	•	Insulation circulation unit DN 25/32			67004400	223.00
	•	•	Insulation circulation unit Flexi			67002000	225.00

FRESH HYDRO UNIT

Series FSK



FSK101



64040100



64040200



64040300



64040400

Type	Reference	Art.No.	GBP/pcs
Heat exchanger PBU11/41	FSK908	64040100	688.00
Pump Yonos Para HU 25/7.5	FSK901	64040200	753.00
Hydro control	FSK907	64040300	1,217.00
Gasket kit	FSK904	64040400	35.00
Sensor Grundfos	FSK905	64040500	366.00
Actuator ESBE SLB239	FSK906	64040600	406.00
Sensor PT1000	FSK909	64040700	101.00



64040500



64040600



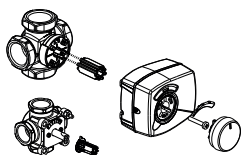
64040700

ROTARY ACTUATORS

Series ARA600, M60, M90



ARA600



16000500

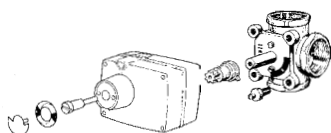


17050600

Applies to		Adaptor kit			Knob		
Actuator type	Valves series	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs
ARA600	VRG, VRB, MG, G, F, BIV, T, TM, H, HG	ARA803	16000500	15.00	ARA902	17050600	31.00



M60



16000100

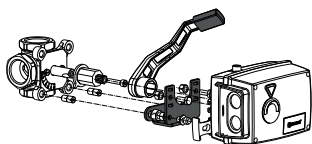


98080690

Applies to		Adaptor kit			Shaft coupling		
Actuator type	Valves series	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs
60	MG, G, F, BIV, T, TM, H, HG	600	16000100	18.00	600	98080690	9.00



M90



16053300



16051300



98180570

Applies to		Adaptor kit			Shaft coupling		
Actuator type	Valves series	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs
90	VRG, VRB	VRG801	16053300	26.00	900	98180570	9.00
	MG, G, F, BIV, T, TM, H, HG	900	16051300	20.00			

CONTROLLERS

Series 90C-1, 90C-2, 90C-3, 95-1C, 90K



90C-1, 90C-2, 90C-3



95-1C



90K



16053700



16053400



17051000

Applies to		Adaptor kit		
Controller type	Valves series	Reference	Art.No.	GBP/pcs
90C-1 90C-2 90C-3 95-1C	VRG, VRB, VRH	VRG804	16053700	28.00
	MG, G	900-270	16053400	23.00



17050900,
17051100



17050800



98180570

Applies to Controller type	Sensors			
	Type	Reference	Art.No.	GBP/pcs
90C-1 90C-2 90C-3	Flow pipe sensor	CRS211	17050800	105.00
	Universal sensor	CRS213	17050900	105.00
	Outdoor sensor	CRS214	17051000	130.00
	High temperature sensor	CRS215	17051100	278.00



16053300



16051300

Applies to		Adaptor kit			Shaft coupling		
Controller type	Valves series	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs
90K	VRG, VRB, VRH	VRG801	16053300	26.00	900	98180570	9.00
	MG, G, F, BIV, T, TM, H, HG	900	16051300	20.00			

CONTROLLERS

Series CRx, CUA



CRAx1x, CRB, CRC, CRD, CRS



16000500



16053300



16051300



17055600



CRAx20



17053100



17053300



17054100-A



17052000



CUA



17055300, 17055500



17055700



17056000



17056400

Applies to Controller type						Adaptor kits			
CRA	CRB	CRC	CRD	CRK	CRS	Applies to valves series	Reference	Art.No.	GBP/pcs
x1x	xxx	xxx	xxx	xxx	xxx	VRG, VRB, VRH, MG, G, F, BIV, T, TM, H, HG	ARA803	16000500	15.00
x2x						VRG, VRB, VRH	VRG801	16053300	26.00
x2x						MG, G, F, BIV, T, TM, H, HG	900	16051300	20.00

Applies to Controller type						Sensors, adaptors, cables etc.				
CRA	CRB	CRC	CRD	CRK	CRS	CUA	Type	Reference	Art.No.	GBP/pcs
xxx	xxx	xxx	xxx			xxx	Flow pipe sensor, 5m cable	CRA911	17053100	85.00
1xx	1xx	1xx	1xx		1xx	1xx	Voltage adaptor, 230V – 24V	CRA912	17053300	56.00
	xxx	xxx				xxx	Communication cable, 20m	CRB914	17055700	86.00
		xxx	xxx				Outdoor sensor	CRC911	17056000	132.00
					xxx		Flow pipe sensor [CRS]	CRS911	17052000	147.00
	xxx					xxx	Room unit, cable	CRB912	17055300	377.00
	xxx		xxx			xxx	Room unit, wireless	CRB913	17055500	537.00
xxx	2xx	xxx	2xx		xxx		Pump control module, on/off	CRA913	17055600	85.00
2xx	2xx	2xx	2xx	2xx	2xx		UK plug for CRx200, 230V – 12V	CRA915	17056200	78.00
2xx	2xx	2xx	2xx	2xx	2xx		EU plug for CRx200, 230V – 12V	CRA911	17056300	80.00
2xx	2xx	2xx	2xx	2xx	2xx		Wireless communication module	CRB916	17056400	140.00
						xxx	Controller [CUA110 without room unit]	CUA911	17054100-A	659.00

SOLID FUEL PRODUCTS

Series VTC300, VTC400



VTC300



57000100 – 57000600



VTC400



57080100 – 57080500



57080600

Applies to Valve type	Thermostat			
	Type	Reference	Art.No.	GBP/pcs
VTC300	42°C	VTC931	57000600	60.00
	45°C		57000100	60.00
	50°C		57000700	60.00
	55°C		57000200	60.00
	60°C		57000300	60.00
	70°C		57000400	60.00
	80°C		57000500	60.00

Applies to Valve type	Exchange kit			
	Type	Reference	Art.No.	GBP/pcs
VTC412	50°C	VTC941	57080100	134.00
	55°C		57080200	134.00
	60°C		57080300	134.00
	65°C		57080400	134.00
	70°C		57080500	134.00
VTC422	50-70°C	VTC942	57080600	134.00

SOLID FUEL PRODUCTS

Series LTC100, LTC200, LTC300, VTC500



LTC100

LTC200

LTC300



57061400



57020700



57020100 -
57020500



57020600,
57061300



VTC510



VTC530



57061500 -
57061700



57060400



57060500 -
57060900

Applies to Valve type					Type	Reference	Art.No.	GBP/pcs
LTC100	LTC200	LTC300	VTC510	VTC530				
•	•	•	•	•	Thermostat 50°C	VTC951	57020100	72.00
•	•	•	•	•	Thermostat 55°C		57020200	72.00
•	•	•	•	•	Thermostat 60°C		57020300	72.00
•	•	•	•	•	Thermostat 65°C		57020800	72.00
•	•	•	•	•	Thermostat 70°C		57020400	72.00
•	•	•	•	•	Thermostat 75°C		57020500	72.00
•	•		•	•	Thermometer, 3pcs	VTC952	57020600	145.00
		•			Thermometer, 3pcs	LTC952	57061300	138.00
		•			Insulation, complete in two parts	LTC953	57061400	94.00
				•	Insulation, ≥ DN32, complete in two parts	VTC953	57020700	99.00
•	•	•	•	•	Jointing set VTC/LTC, 3pcs of fibre gasket 1½"	LTC922	57020900	34.00
	•	•			Pump Yonos Para 4-20	LTC934	57061500	492.00
	•	•			Pump Yonos Para 6-43		57061600	539.00
	•	•			Pump Yonos Para 8-60		57061700	600.00
•	•	•			Non-return insert	LTC921	57060400	45.00
•	•	•	•	•	Shut-off valves / Adapters 1½" x 1" 3pcs	LTC801	57060500	135.00
•	•	•	•	•	Shut-off valves / Adapters 1½" x 1¼" 3pcs		57060600	139.00
•	•	•	•	•	Shut-off valves / Adapters 1½" x 1½" 3pcs		57060700	177.00
•	•	•	•	•	Shut-off valves / Adapters 1½" x 2" 3pcs		57060800	234.00
•	•	•	•	•	Shut-off valves / Adapters 1½" x CPF 28mm 3pcs		57060900	158.00

Series TV



TV



17006800 -
17007400

Valve type	Applies to		Interior complete		
	Art.No.	Type	Type	Art.No.	GBP/pcs
TV45°C	11400600, 11401100, 11401500	45°C		17007300	243.00
TV55°C	11400700, 11401200, 11401600	55°C		17007400	243.00
TV60°C	11400400, 11400800, 11401300	60°C		17006800	243.00
TV72°C	11400100, 11400200, 11400300	72°C		17007000	243.00

Series ATA



ATA100



ATA200



57100100



57100200



37202500,
37202600

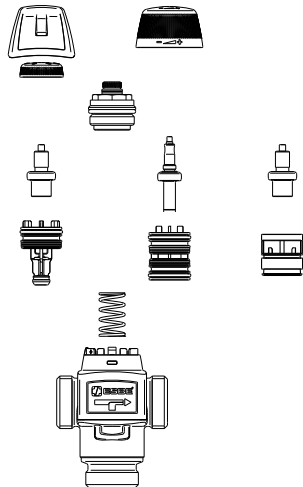
Applies to Valve type		Type	Reference	Art.No.	GBP/pcs
ATA100	ATA200				
•	•	Fork	ATA901	57100100	39.00
•		Eccentric		57100200	34.00
	•	Thermostat 35 - 95°C	ATA902	37202500	49.00
	•	Thermostat 60 - 95°C		37202600	52.00

THERMOSTATIC MIXING VALVES

Series VTA300, VTA500, VTS500, VTR300, VTR500, VTE300, VTE500



VTA300, VTE300



98080420



98080480



98080440



98082130



37000400, 37000500, 37000700, 37001300, 37001400, 37001500, 37001600, 37002000



37000100, 37000200, 37000800, 37000900



37001100, 37001200

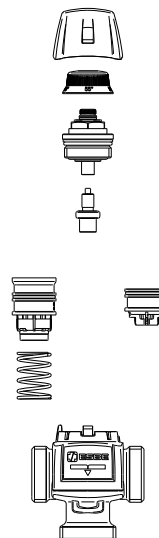


VTA500, VTS500, VTE500



37100400 - 37100600, 37100900 - 37101000, 37120300 - 37120400, 37160100 - 37160200

37100700 - 37100800, 37101100 - 37101300, 37101500 - 37101600, 37120100 - 37120200



Applies to		Exchange kit			
Valve type	Art. No.	Reference	Temp.	Art.No.	GBP/ pcs
VTA520		VTA952	20 - 43°C	37100100	148.00
			29 - 49°C	37101600	169.00
			45 - 65°C	37100200	148.00
			50 - 75°C	37100300	148.00
VTA550		VTA955	20 - 43°C	37100400	148.00
			45 - 65°C	37100500	148.00
VTA530		VTA953	50 - 75°C	37100600	148.00
			45 - 65°C	37100700	148.00
VTA560		VTA956	35 - 50°C	37100800	148.00
VTA570		VTA957	45 - 65°C	37100900	148.00
			35 - 50°C	37101000	148.00
			10 - 30°C	37101100	148.00
			20 - 43°C	37101200	148.00
			20 - 55°C	37101500	169.00
VTS520		VTS952	45 - 65°C	37101300	148.00
			30 - 70°C	37101700	153.00
			45 - 65°C	37120100	148.00
VTS550		VTS955	50 - 75°C	37120200	148.00
			45 - 65°C	37120300	148.00
VTE500		VTE951	50 - 75°C	37120400	148.00
			25°C	37160200	269.00

Applies to		Exchange kit			
Valve type	Art. No.	Reference	Temp.	Art.No.	GBP/ pcs
VTA310		VTA931	35 - 60°C	37000700	79.00
			30 - 70°C	37001400	79.00
VTA320		VTA932	35 - 60°C	37000400	91.00
			20 - 43°C	37000500	91.00
			45 - 65°C	37001500	91.00
			50 - 75°C	37001600	91.00
			30 - 70°C	37001300	91.00
VTA320 LF		VTA932 LF	35 - 60°C	37002000	103.00
VTA330		VTA933	35 - 60°C	37000100	147.00
			32 - 49°C	37000200	147.00
VTA350		VTA936	35 - 60°C	37000800	93.00
VTA360		VTA936	35 - 60°C	37000800	93.00
VTA370	31104400	VTA937	20 - 43°C	37001200	110.00
	31104000, 31104500		35 - 60°C	37001100	110.00
	31200100, 31200200, 31200300		20 - 55°C	37001700	110.00
	31200400		30 - 70°C	37001800	110.00
VTE300		VTE931	25°C	37160100	224.00

Applies to Valve type						Knob		
VTA 310	VTA 320	VTA 330	VTA 350	VTA 360	VTA 370	Ref.	Art.No.	GBP/ pcs
	●	●	●	●	●*	VTA903	98080420	17.00
	●	●	●	●	●*		98080480	11.00
●							98080440	17.00
					●		98082130	17.00



VTR300, VTR500



37202900, 37203000

Applies to Valve type	Type	Art.No.	GBP/ pcs
VTR322	Check valve kit	37202900	50.00
VTR522	Check valve kit	37203000	50.00
VTR322	Knob	98080420	17.00
	Knob	98080480	11.00
	Exchange kit 35 - 60°C	37000400	91.00
	Exchange kit 45 - 65°C	37001500	91.00
	Exchange kit 50 - 75°C	37001600	91.00
VTR522	Exchange kit 45 - 65°C	37100200	148.00
	Exchange kit 50 - 75°C	37100300	148.00

Notes: * Applies to Art. No. 31104000, 31104400, 31104500

THERMOSTATIC MIXING VALVES

Series 20, VTA100, AS, VTA200

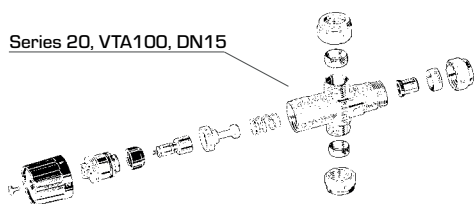


Series 20, VTA100

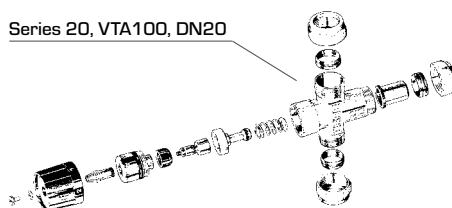


Series AS, VTA200

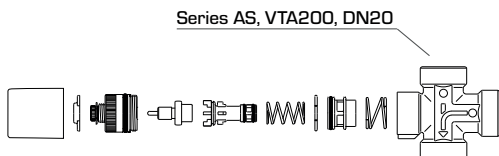
Series 20, VTA100, DN15



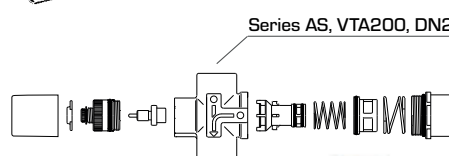
Series 20, VTA100, DN20



Series AS, VTA200, DN20



Series AS, VTA200, DN25



36500100 -
36500400

37050800
- 37052100

Series	Applies to		Handle knob		Check valve*			Exchange kit**	
	Art. No.	DN, Temp.	Art.No.	GBP/pcs	Art.No.	Note	GBP/pcs	Art.No.	GBP/pcs
20, VTA100	401, 410	DN15 38 - 65°C	-		36500100	1)	11.00	-	
	401L, 410L (411)	DN15 20 - 40°C							
	403, 404, 405, 414, 417, 418 (402, 406, 409)	DN20 38 - 65°C	-		36500400	2)	11.00	-	
	403L 404L	DN20 20 - 40°C							

Series	Applies to		Check valve*				Exchange kit**				
	Art. No.	DN, Kv, Temp.	Ref.	Art.No.	Note	GBP/pcs	Ref.	Art.No.	GBP/pcs		
AS, VTA200	470 - 475	DN 20 - 25, Kv 1.6, 38 - 65°C	VCA100, 20	36500400	2)	11.00	VTA922	-			
	470L - 475L	DN 20 - 25, Kv 1.6, 20 - 40°C									
	470LX - 475LX	DN 20 - 25, Kv 1.6, 10 - 30°C									
		DN 20, Kv 1.6, 20 - 40°C									
	31301400	DN 20 - 25, Kv 1.6, 30 - 70°C									
	31300100 (476), 31301200	DN25, Kv 3.0, 38 - 65°C						-	VTA922	37052100	169.00
	31300700	DN25, Kv 3.0, 20 - 40°C								37052000	169.00
31300800	DN25, Kv 3.0, 10 - 30°C	37051000	145.00								
						VTA922	37051400	145.00			
							37051500	160.00			

SOLAR KIT

Series VMC300, VMC500



VMC300



VMC500



37102000 -
37102200

37100400,
37120300

57000600

VALVE MANIFOLD

Series VMB400



VMB400



31350500

Applies to Valve type		Type	Ref.	Art.No.	GBP/pcs
VMC300	VMC500				
●	●	Exchange kit 45°C	VTD911	37102000	119.00
●	●	Exchange kit 50°C		37102100	119.00
●	●	Exchange kit 60°C		37102200	119.00
●		Exchange kit, series VTA320, 35 - 60°C	VTA932	37000400	91.00
●	●	Exchange kit, series VTS550, 45 - 65°C	VTS955	37120300	148.00
●		Thermostat 45°C	VTC931	57000600	60.00

Applies to	Type	Art.No.	GBP/pcs
VMB400	Valve 35 - 60°C	31350500	122.00

Notes: *Applies to models with compression fittings on the cold water inlet **Those materials are not UBA approved 1) Only for Cu 15x1 2) Only for Cu 22x1

DIVERTING VALVES & ZONE VALVES

Series VTD300, VTD500, VTF300



VTD300



VTD500



VTF300



37102000 -
37102300



37102400



37180100

Applies to Valve type			Type	Reference	Art.No.	GBP/pcs
VTD300	VTD500	VTF300				
•			Exchange kit 45°C	VTD911	37102000	119.00
•			Exchange kit 50°C		37102100	119.00
•			Exchange kit 60°C		37102200	119.00
•			Exchange kit 70°C		37102300	119.00
	•		Exchange kit 40 - 52°C	VTD958	37102400	148.00
		•	Exchange kit 55°C	VTF932	37180100	145.00

Series VZA, VZB, VZC, VZD



VZA, VZB, VZC, VZD



46050300 -
46050400



47050200 -
47050500



47000100

Applies to type					Type	Reference	Note	Art.No.	GBP/pcs
VZA 4302xxxx 4304xxxx	VZA 4300xxxx	VZB	VZC	VZD					
•		•	•	•	Cable loose version IP20, 3-wire	ALZ801	1)	46050300	45.00
•	•	•	•	•	Actuator, 2-point 230V IP40	ALZ960		47050200	239.00
•	•	•	•	•	Actuator, 2-point 230V IP20			47050400	239.00
•	•	•			Valve interior complete	VZA900		47000100	112.00

Series ZRS



ZRS224



47120100,
47120200

Applies to Valve type		Type	Reference	Art.No.	GBP/pcs
ZRS224	ZRS234				
•		Actuator, 2-point 230V 2-way	ZRS921	47120100	208.00
	•	Actuator, 2-point 230V 3-way	ZRS931	47120200	229.00

LINEAR VALVES

Series VLA, VLB, VLC, VLE, VLF



VLA, VLB, VLC, VLE, VLF



27000100, 27000200
27000700



27000800

































Applies to valve type				Type	Reference	Art.No.	GBP/pcs
VLAxxx, VLExxx, VLFxxx	VLB1xx, VLB1xx	VLB3xx	VLC3xx				
•				Exchange kit Packing box	VLA901	27000100	265.00
	•				VLB901	27000700	590.00
		•			VLB903	27000800	343.00
			•	Exchange kit High temperature packing box for media temperatures up to 180°C	VLC901	27000200	265.00

Note: 1) Compatible with art.no. 4302xxxx and 4304xxxx (not 4300xxxx)









Art.No.	GBP/pcs	Page	Art.No.	GBP/pcs	Page	Art.No.	GBP/pcs	Page	Art.No.	GBP/pcs	Page
51002400	172.00	21	57061700	600.00	39	67004400	223.00	36			
51002900	163.00	21	57080100	134.00	38	67005100	481.00	36			
51003000	163.00	21	57080200	134.00	38	67005200	524.00	36			
51003100	163.00	21	57080300	134.00	38	67005300	557.00	36			
51020100	175.00	20	57080400	134.00	38	67005400	586.00	36			
51020200	175.00	20	57080500	134.00	38	67005500	620.00	36			
51020300	175.00	20	57080600	134.00	38	67005600	521.00	36			
51020400	175.00	20	57100100	39.00	39	67005700	521.00	36			
51020600	181.00	20	57100200	34.00	39	67006100	245.00	36			
51020700	181.00	20	6100			67006200	334.00	36			
51020800	181.00	20	61001100	676.00	5	67007000	804.00	36			
51020900	181.00	20	61001200	740.00	5	67007100	804.00	36			
51021100	175.00	20	61001300	748.00	5	67007200	1,347.00	36			
51021200	181.00	20	61001400	813.00	5	67007300	1,347.00	36			
51021500	175.00	20	61003200	601.00	5	8690					
51021600	175.00	20	61021100	888.00	5	86900100	50.00	31			
51021700	175.00	20	61021200	946.00	5	86900200	34.00	31			
51021800	175.00	20	61021300	933.00	5	86900300	34.00	31			
51022000	181.00	20	61021400	994.00	5	86901100	50.00	31			
51022100	181.00	20	61023200	801.00	5	86901200	53.00	31			
51022200	181.00	20	61042100	1,082.00	4	86902100	82.00	31			
51022300	181.00	20	61042200	1,174.00	4	9808					
51022500	175.00	20	61042300	1,120.00	4	98080120	17.00	34, 35			
51022600	181.00	20	61042400	1,200.00	4	98080420	17.00	40			
51060100	166.00	21	61042500	1,187.00	4	98080440	17.00	40			
51060200	166.00	21	61042600	1,255.00	4	98080480	11.00	40			
51060600	200.00	21	61042700	1,229.00	4	98080690	9.00	37			
5500			61042800	1,295.00	4	98082130	17.00	40			
55005200	906.00	20	61043600	1,015.00	4	98100690	81.00	10, 12			
55005300	814.00	20	61044100	1,633.00	5	98180570	9.00	37			
55005400	814.00	20	61044200	1,637.00	5						
55005500	814.00	20	61044300	1,705.00	5						
55006000	822.00	20	61044400	1,771.00	5						
55006100	822.00	20	61044500	2,022.00	4						
55006200	822.00	20	61044600	2,115.00	4						
55006300	822.00	20	61044700	2,128.00	4						
55006400	838.00	20	61044800	2,202.00	4						
55006500	838.00	20	61061100	1,174.00	5						
55006600	838.00	20	61121200	885.00	5						
55006700	838.00	20	61200100	338.00	5						
55006800	906.00	20	61220100	473.00	5						
55006900	906.00	20	61240100	457.00	5						
55021100	777.00	20	61241100	636.00	5						
55021300	818.00	20	61310100	1,662.00	4						
55021600	911.00	20	61310200	1,945.00	4						
5600			6400								
56001100	64.00	21	64000100	3,532.00	6						
56001500	72.00	21	64020100	654.00	6						
56020100	166.00	21	64040100	688.00	36						
56020200	76.00	21	64040200	753.00	36						
56020300	238.00	21	64040300	1,217.00	36						
5700			64040400	35.00	36						
57000100	60.00	21, 38	64040500	366.00	36						
57000200	60.00	21, 38	64040600	406.00	36						
57000300	60.00	21, 38	64040700	101.00	36						
57000400	60.00	21, 38	6600								
57000500	60.00	21, 38	66000500	363.00	6						
57000600	60.00	38, 41	66000600	469.00	6						
57000700	60.00	21, 39	66001100	291.00	6						
57020100	72.00	21, 39	66001200	444.00	6						
57020200	72.00	21, 39	66001300	542.00	6						
57020300	72.00	21, 39	66001400	683.00	6						
57020400	72.00	21, 39	66001500	853.00	6						
57020500	72.00	21, 39	66001600	701.00	6						
57020600	145.00	21, 39	66001700	914.00	6						
57020700	99.00	21, 39	66100300	339.00	4						
57020800	72.00	21, 39	6700								
57020900	34.00	39	67000300	557.00	36						
57060100	94.00	<i>web only</i>	67000400	586.00	36						
57061100	565.00	<i>web only</i>	67000500	620.00	36						
57060400	45.00	39	67000600	116.00	36						
57060500	135.00	39	67000700	28.00	36						
57060600	139.00	39	67002000	225.00	36						
57060700	177.00	39	67003000	225.00	36						
57060800	234.00	39	67003300	190.00	36						
57060900	158.00	39	67003400	229.00	36						
57061300	138.00	39	67003500	104.00	36						
57061400	94.00	39	67003800	190.00	36						
57061500	492.00	39	67003900	43.00	36						
57061600	539.00	39	67004000	234.00	36						

The purpose of the replacement guide is to assist you in finding the best replacement for an existing product. It is up to the user of this guide to make the final judgement of which product to choose and check that the application specific requirements are fulfilled. Note also that product installation dimensions might be different.

When product is delivered within an OEM product (boiler, heat pump etc) the product art. number may differ from the ESBE standard reference. Please contact your Essco sales representative for further assistance.






ESBE discontinued series		Current ESBE series			See page	Image		
Art. No.	Type	Art. No.	Type	See page				
	61060100	GBA111 DN25	61061100	GBA211	5			
	61060300	GBA111 DN32						
	61060500	GBA112 DN25						
	61060700	GBA112 DN32						
	61003100	GDA311 DN20	61003200	GDA311	5			
	61000100	GDA111 DN25	61001100	GDA211	5			
	61000200	GDA111 DN32	61001200					
	61000300	GDA112 DN25	61001300	GDA212	5			
	61000400	GDA112 DN32	61001400					
	61023100	GFA311 DN20	61023200	GFA311	5			
	61020100	GFA111 DN25	61021100	GFA211	5			
	61020200	GFA111 DN32	61021200					
	61020300	GFA112 DN25	61021300	GFA212	5			
	61020400	GFA112 DN32	61021400					
	61043100	GRA311 DN20	61043600	GRA311	4			
	61040100	GRA111 DN25	61042100	GRA211	4			
	61040400	GRA111 DN32	61042200					
	61040500	GRA112 DN25	61042300	GRA212	4			
	61040600	GRA112 DN32	61042400					
	61043200	GRA131 DN25	61042500	GRA231	4			
	61043300	GRA131 DN32	61042600					
	61043400	GRA132 DN25	61042700	GRA232	4			
	61043500	GRA132 DN32	61042800					
		61040200	GRC111 DN25	61044100	GRC221		5	
		61040700	GRC111 DN32	61044200				
	61040900	GRC112 DN25	61044300	GRC222	5			
	61041100	GRC112 DN32	61044400					
	61041300	GRC141 DN25	61044500	GRC241	4			
	61041400	GRC141 DN32	61044600					
		61041500	GRC142 DN25	61044700	GRC242	4		
		61041600	GRC142 DN32	61044800				
	61040300	GRC211 DN25	61044500	GRC241	4			
	61040800	GRC211 DN32	61044600					
		61041000	GRC212 DN25	61044700	GRC242		4	
		61041200	GRC212 DN32	61044800				
	61120100	GST131	61121200	GST241	5			
	61120200	GST141						

ESBE discontinued series		Current ESBE series			See page	Image
Art. No.	Type	Art. No.	Type	See page		
	11000200	3MG DN15	11600200	VRG131	7	
	11000300		11600300			
	11000400		11600400			
	11000500		11600400			
	11000100		11600500			
	11000700		11600800			
	11001100		11600900			
	11001600		11601000			
	11002400		11601100			
	11002700		11601200			
	11002100	3MG DN20	11603000	VRG133	7	
	11002300	3MG DN25	11603100			
	11001300	3MGA DN20	11602300	VRG132	7	
	11002600	3MGA DN25	11602500			
	11002900	3MGA DN32	11602600			
	11001500	3MGR DN20	11604100	VRG138	7	
	11003400	4MG DN15	11640100	VRG141	7	
	11003600	4MG DN20	11640200			
	11003900	4MG DN25	11640300			
	11004200	4MG DN25	11640400			
	11004900	4MG DN32	11640500			
	11004100	4MGA DN20	11641000	VRG142	7	
	11005500	3MGP DN15		-	-	-
	11005600	3MGP DN20				
	11002000	3MGP DN25				
	11005700	3MGP DN32				
	11604400	VRG139		-	-	-
	11604500					
	11604600					
	11050100	3G DN20	11600900	VRG131	7	
	11050200	3G DN25	11601100			
	11050300	3G DN32	11601200			
	11050400	3G DN40	11603400			
	11050600	3G DN50	11603600			
	11050800	4G DN20	11640300			
	11051000	4G DN25	11640400	VRG141	7	
	11051300	4G DN32	11640500			
	11051400	4G DN40	11641500			
	11051600	4G DN50	11641700			
	11450100	BIV DN20	11661800	VRB243	32	
	11450300	BIV DN20	11661800	VRB243	32	
	11450200	BIV DN25	11660400*	VRB141	8	

ESBE discontinued series		Current ESBE series			See page	Image
Art. No.	Type	Art. No.	Type	See page		
	66000100	GMA121	66001200	GMA421	6	
	66000200	GMA131	66001300	GMA431	6	
	66000300	GMA221	66001600	GMA521	6	
	66000400	GMA231	66001700	GMA531	6	

Notes: * Different flow pattern

ESBE discontinued series		Current ESBE series			See page	Image	ESBE discontinued series		Current ESBE series			See page	Image
Art. No.	Type	Art. No.	Type	Art. No.			Type	Art. No.	Type				
	12000100	62 24V 3P	12100300	ARA663	10		12720100	CRA111	12721100	CRA211	12		
	12000800	63 24V 3P	12100400	ARA673			12720500	CRA115	12721500	CRA215			
	12001000	65 230V 3P	12101200	ARA651				12725100	CRA151	12729100-A	CRK211	12	
	12001400	66 230V 3P	12101300	ARA661									
	12002000	67 230V 3P	12101400	ARA671									
	12002700	68 230V 2P	12120900	ARA655									
	12003000	69 230V 3P	12101500	ARA691									
12002100	67-20 230V 3P	12101500	ARA691		12660100-A	CRB111	12663100-A	CRB211	12				
12000500	62M 24V 3P	12100800	ARA664										
12000900	63M 24V 3P	-	-										
	12002900	68M 230V 2P	12121200	ARA656	10		12662100	CRB121	12665200	CRB221	12		
	12001100	65M 230V 3P	12101700	ARA652			12662200	CRB122					
	12001500	66M 230V 3P	12101800	ARA662				12820100	CRC111	12821100-A	CRC211	12	
	12002300	67M 230V 3P	12101900	ARA672									
	12003100	69M 230V 3P	-	-									
	12002200	67-20M 230V 3P	-	-				12662200	CRD122	12684200	CRD221	12	
	12500100	62P 24V Prop.	12520100	ARA639									
81	81 24V 3P	-	-										
	82	82 24V 3P	12050600	92	10		ESBE discontinued series	Type	Current ESBE series	Art. No.	Type	See page	Image
	82S	82S 24V 3P											
	83	83 24V 3P											
	83S	83S 24V 3P											
	84	84 220V 3P											
	85	85 220V 3P											
	85S	85S 220V 3P											
	86	86 220V 3P											
	86S	86S 220V 3P											
	87	87 220V 2P											
	88	88 220V 2P											
88S	88S 220V 2P												
	82P	24V Prop	12550500	93P	10		ESBE discontinued series	Type	Current ESBE series	Art. No.	Type	See page	Image
	83P												
	92P	24V Prop	12550500	93P	10		ESBE discontinued series	Type	Current ESBE series	Art. No.	Type	See page	Image
	92P2												
	92P4												

ESBE discontinued series		Current ESBE series			See page	Image
Art. No.	Type	Art. No.	Type			
	12600100	95-1C	12601500	90C-1A-90	12	
	12601100	90C-1A	12601500	90C-1A-90	12	
	12601200	90C-1B	12601600	90C-1B-90		
	12601300	90C-1C	-	-		
	12602100	90C-2A	-	-		
	12602200	90C-2B	12603600	90C-3B-90		
	12602300	90C-2C	-	-		
	12603100	90C-3A	-	-		
	12603200	90C-3B	12603600	90C-3B-90		
12603300	90C-3C	-	-			
	12700100	92K2	12742200	CRA122	<i>web only</i>	
	12700500	99K2	12742100	CRA121		
	12700200	94K2	12050200 + 12642200	91 + CUA122	<i>web only</i>	


The purpose of the replacement guide is to assist you in finding the best replacement for an existing product. It is up to the user of this guide to make the final judgement of which product to choose and check that the application specific requirements are fulfilled. Note also that product installation dimensions might be different.


When product is delivered within an OEM product (boiler, heat pump etc) the product art. number may differ from the ESBE standard reference. Please contact your Essco sales representative for further assistance.


ESBE discontinued series			Current ESBE series			
Art. No.	Type	Art. No.	Type	See page		
11400600	TV25 Kvs 9 45°C Rp 1"	51020100	VTC511, 50°C	20		
11400700	TV25 Kvs 9 55°C Rp 1"	51020200	VTC511, 55°C			
11400400	TV25 Kvs 9 60°C Rp 1"	51020300	VTC511, 60°C			
11400100	TV25 Kvs 9 72°C Rp 1"	51020400	VTC511, 70°C			
11401100	TV32 Kvs 14 45°C Rp 1 1/4"	51020600	VTC511, 50°C			20
11401200	TV32 Kvs 14 55°C Rp 1 1/4"	51020700	VTC511, 55°C			
11400800	TV32 Kvs 14 60°C Rp 1 1/4"	51020800	VTC511, 60°C			
11400200	TV32 Kvs 14 72°C Rp 1 1/4"	51020900	VTC511, 70°C			
51025500	DN25 Kvs 8 G 1" 50°C	51021500	VTC512, 50°C	20		
51025600	DN25 Kvs 8 G 1" 55°C	51021600	VTC512, 55°C			
51025700	DN25 Kvs 8 G 1" 60°C	51021700	VTC512, 60°C			
51027500	DN25 Kvs 8 G 1" 65°C	51022500	VTC512, 65°C			
51025800	DN25 Kvs 8 G 1" 70°C	51021800	VTC512, 70°C			
51026000	DN32 Kvs 8 G 1 1/4" 50°C	51021500	VTC512, 50°C			20
51026100	DN32 Kvs 8 G 1 1/4" 55°C	51021600	VTC512, 55°C			
51026200	DN32 Kvs 8 G 1 1/4" 60°C	51021700	VTC512, 60°C			
51027600	DN32 Kvs 8 G 1 1/4" 65°C	51022500	VTC512, 65°C			
51026300	DN32 Kvs 8 G 1 1/4" 70°C	51021800	VTC512, 70°C	20		
51026400	DN40 Kvs 8 G 1 1/2" 50°C	51021500	VTC512, 50°C			
51026500	DN40 Kvs 8 G 1 1/2" 55°C	51021600	VTC512, 55°C			
51026600	DN40 Kvs 8 G 1 1/2" 60°C	51021700	VTC512, 60°C			
51026700	DN40 Kvs 8 G 1 1/2" 65°C	51022500	VTC512, 65°C			
51026800	DN40 Kvs 8 G 1 1/2" 70°C	51021800	VTC512, 70°C			
51027000	DN50 Kvs 12 G 2" 50°C	51022000	VTC512, 50°C			20
51027100	DN50 Kvs 12 G 2" 55°C	51022100	VTC512, 55°C			
51027200	DN50 Kvs 12 G 2" 60°C	51022200	VTC512, 60°C			
51027800	DN50 Kvs 12 G 2" 65°C	51022600	VTC512, 65°C			
51027300	DN50 Kvs 12 G 2" 70°C	51022300	VTC512, 70°C			


ESBE discontinued series			Current ESBE series		
Art. No.	Type	Art. No.	Type	See page	
1450004	35-60°C CPF 22mm	31502100	VMB423	24	
1450005	35-60°C CPF 22mm 0,9 MPa	31502400	VMB423	24	
31500600	35-60°C CPF 15mm	31502000	VMB423	24	
31500100	35-60°C CPF 22mm	31502100			
31500900	35-60°C CPF 22mm 0,6 MPa	31502200	VMB423	24	
31500300	35-60°C CPF 22mm 0,7 MPa	31502300			
31500200	35-60°C CPF 22mm 0,9 MPa	31502400			
31520400	G 1" 45°C	31521000	VMC322	24	
31520100	G 1" 50°C	31521100			
31520300	G 1" 60°C	31521200			

ESBE discontinued series			Current ESBE series			
Art. No.	Type	Art. No.	Type	See page		
55000200	DN25 G 1" 55°C	55006000	LTC361, 55°C	20		
55000300	DN25 G 1" 60°C	55006100	LTC361, 60°C			
55001100	DN25 G 1" 65°C	55006200	LTC361, 65°C			
55000400	DN25 G 1" 70°C	55006300	LTC361, 70°C			
55000700	DN32 G 1 1/4" 55°C	55006400	LTC361, 55°C			20
55000800	DN32 G 1 1/4" 60°C	55006500	LTC361, 60°C			
55001200	DN32 G 1 1/4" 65°C	55006600	LTC361, 65°C			
55000900	DN32 G 1 1/4" 70°C	55006700	LTC361, 70°C			
55002600	DN40 G 1 1/2" 55°C	55006800	LTC381, 55°C	20		
55002700	DN40 G 1 1/2" 60°C	55006900	LTC381, 60°C			
55003500	DN40 G 1 1/2" 65°C	55005200	LTC381, 65°C			
55004000	DN25 G 1" 55°C	55006000	LTC361, 55°C			20
55004100	DN25 G 1" 60°C	55006100	LTC361, 60°C			
55004200	DN25 G 1" 65°C	55006200	LTC361, 65°C			
55004300	DN25 G 1" 70°C	55006300	LTC361, 70°C			
55004400	DN32 G 1 1/4" 55°C	55006400	LTC361, 55°C	20		
55004500	DN32 G 1 1/4" 60°C	55006500	LTC361, 60°C			
55004600	DN32 G 1 1/4" 65°C	55006600	LTC361, 65°C			
55004700	DN32 G 1 1/4" 70°C	55006700	LTC361, 70°C			
55007200	DN40 G 1 1/2" 55°C	55006800	LTC381, 55°C			20
55007300	DN40 G 1 1/2" 60°C	55006900	LTC381, 60°C			
55007400	DN40 G 1 1/2" 65°C	55005200	LTC381, 65°C			

ESBE discontinued series		Current ESBE series			
Art. No.	Type	Art. No.	Type	See page	
36027000	VST112 PN10, DN20 95°C	36028000	VST212	21	









ESBE discontinued series		Current ESBE series			
Art. No.	Type	Art. No.	Type	See page	
18000100	TMA111	18000500	TMA115	19	
18000200	TMA112	18000600	TMA116		









ESBE discontinued series		Current ESBE series			
Art. No.	Type	Art. No.	Type	See page	
36300100	VFA103 PN16 CPF15	36301100	VFA203	31	



ESBE discontinued series		Current ESBE series			
Art. No.	Type	Art. No.	Type	See page	
36000200	DN15 0,6 MPa	36020100	VSB132	31	
36000500	DN15 0,7 MPa	-			
36000300	DN15 0,8 MPa	-			
36000100	DN15 0,9 MPa	36020400			
36000400	DN15 1,0 MPa	36020500			

	ESBE discontinued series		Current ESBE series				
	Art. No.	Type	Art. No.	Type	See page		
	43020100	VZA161 DN20	-	-	-		
	43020200		-	-			
	43020300*		-	-			
	43020400*		-	-			
	43020500	VZA162 DN15	-	-	22		
	43020600		43060600	VZC162			
	43020700		43060700				
	43020800		43060800				
	43020900*	VZA152 DN15	-				-
	43021000*		-	-			
	43021100*		-	-			
	43021200*		-	-			
	43021300	VZA263 DN20	-	-	22		
	43021400		43061400	VZC263			
	43021500		-	-			
	43021600		43061600	VZC263			
	43021700*	VZA253 DN20	-	-			
	43021800*		-	-			
	43021900*		-	-			
	43022000*		-	-			
	43040100	VZB161 DN20	43080100	VZD161	22		
	43040200*	VZB151 DN20	-	-			
	43040300	VZB162 DN15	43080300	VZD162	22		
	43040400		43080400				
	43040500*		-				-
	43040600*		-				-
	43040700	VZB263 DN20	43080700	VZD263	22		
	43040800		43080800				
	43040900*		-				-
	43041000*		-				-
	4390215012	ZV2-15 DN15	43122100	ZRS224	23		
	4390220012	ZV2-20 DN20	43122200				
	4390225012	ZV2-25 DN25	43122300				
	4390315012	ZV3-15 DN15	43123100	ZRS234	23		
	4390320012		ZV3-20 DN20				43123200
	4390325012		ZV3-25 DN25				43123300
	43120100	ZRS124 DN15	43122100	ZRS224	23		
	43120200		43122200				
	43120300		43122300				
	43120400		43122400				
	43121100	ZRS134 DN15	43123100	ZRS234	23		
	43121200		43123200				
	43121300		43123300				
	43121400		43123400				

	ESBE discontinued series		Current ESBE series			
	Art. No.	Type	Art. No.	Type	See page	
	410	15RA, 38-65°C	31050200	VTA312	26	
	401	15, 38-65°C	31050100	VTA313	26	
403	18, 38-65°C	-				
404	20, 38-65°C	31050400				
	406	15R, 38-65°C	31100400	VTA321	25	
	472L	15RA-AS, 20-40°C	31100300			
	407	20R, 38-65°C	31100800			
	474L	20RA-AS, 20-40°C	31100700			
	410L	15RA, 20-40°C	31102800			
	471	20RA-AS, 38-65°C	31100600			
	471L	20RA-AS, 20-40°C	31100500	VTA322	25	
	475	25RA-AS, 38-65°C	31101000			
	475L	25RA-AS, 20-40°C	31100900			
	470	20-AS, 38-65°C	31100200			
	470L	20-AS, 20-40°C	31100100	VTA323	25	
	Missing	28, 38-65°C	31621700			
	414	20K, 38-65°C	-	-	-	
	401L	15, 20-40°C	31102600	VTA323	25	
	31301200	VTA222, 38-65°C	31620200	VTA522	25	
	31301600	VTA222, 20-40°C	31620100			
	31300100	VTA223, 38-65°C	31621700	VTA523	25	
	31300700	VTA223, 20-40°C	31621600			
	476	28-AS, 38-65°C	31621700			
	476L	28-AS, 20-40°C	31621600			
	31300800	VTA223, 10-30°C	-			
	31301300	VTA272, 20-40°C	31702100	VTA572	27	


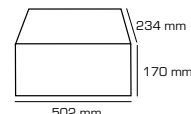
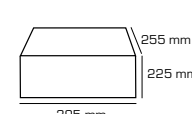
	ESBE discontinued series		Current ESBE series			
	Art. No.	Type	Art. No.	Type	See page	
	22000200	ALA221	22200200	ALF261	30	
	22000800		22200100	ALF131		
	22000100		22201200	ALF264		
	22000700		22201100	ALF134		
	22000300		22201200	ALF264		
	22000900	ALA223	22201100	ALF134	30	
	22150100		22200200	ALF261		
	22150500		22200300	ALF361		
	22150700		22200200	ALF261		
	22150900		22200300	ALF361		
	22151100	ALD141	22200400	ALF461	30	
	22150200		22201200	ALF264		
	22150600		22201300	ALF364		
	22150800		22201200	ALF264		
	22151000		22201300	ALF364		
	22151200	ALD144	22201400	ALF464	-	
	22151300		ALD241			
	22151400		ALD244			
	22150300		ALD221			
	22150400		ALD224			

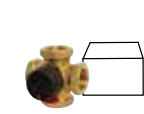
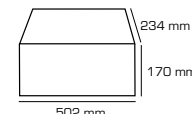
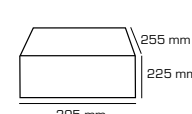
	ESBE discontinued series		Current ESBE series			
	Art. No.	Type	Art. No.	Type	See page	
	21202100	VLB125	21220100	VLB325	28	
	21202200		21220200			
	21202300		21220300			
	21202400		21220400			
	21202500		21220500			
	21202600	VLB135	21221100	VLB335	28	
	21202700		21221200			
	21202800		21221300			
	21202900		21221400			
	21203000		21221500			
	21203100	VLB225	21220100	VLB325	28	
	21203200		21220200			
	21203300		21220300			
	21203400		21220400			
	21203500		21220500			
	21203600	VLB235	21221100	VLB335	28	
	21203700		21221200			
	21203800		21221300			
	21203900		21221400			
	21204000		21221500			


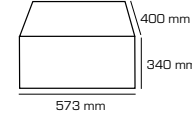
	ESBE today series		Current ESBE series			
	Art. No.	Type	Art. No.	Type	See page	
	22050100	ALB144	22201200	ALF264	30	

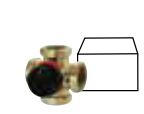
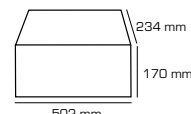
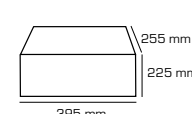
Notes: * With auxiliary switch

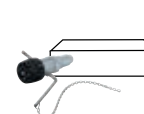
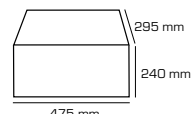
The following packaging overview is designed to provide distributors with dimensions and box quantities for ease of ordering.

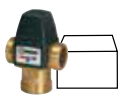
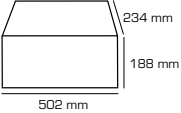
					
VRG13x, VRG23x, VRG33x					
DP = Distr. Package					
Art.No.	Type	Weight/DP	24 pcs/DP	Weight/DP	16 pcs/DP
11600100	VRG131	10,9 kg	●		
11600200		10,4 kg			
11600300		11,0 kg			
11600400					
11600500		10,8 kg			
11600600		10,5 kg			
11600700		12,3 kg			
11600800		12,0 kg			
11600900		11,7 kg			
11601000		VRG131			
11601100				11,1 kg	●
11601200				16,5 kg	
11603400				27,0 kg	
11601500	VRG132	10,7 kg	●		
11601600		10,6 kg			
11601700					
11601800					
11601900		10,4 kg			
11602000					
11602100		14,2 kg			
11602200		13,9 kg			
11602300	13,7 kg				
11602400	VRG132			12,3 kg	
11602500				12,0 kg	●
11602600				16,5 kg	
11603500				27,5 kg	
11602900	VRG133			8,0 kg	
11603000				7,8 kg	●
11603100				9,1 kg	
11603800	VRG138	14,2 kg	●		
11603900		16,4 kg			
11604000		14,0 kg			
11604100	14,5 kg				
11604400	VRG139			13,8 kg	●
11604500					
11604600					
11620100	VRG231	11,9 kg	●		
11620200	VRG231			11,4 kg	
11620300				17,3 kg	●
11621400				27,4 kg	
11620600	VRG232	13,7 kg	●		
11620700	VRG232			12,2 kg	
11620800				17,5 kg	●
11621500				28,0 kg	
11621100				8,0 kg	
11621200	VRG233			7,8 kg	●
11621300				9,2 kg	
11700100	VRG331	11,0 kg	●		
11700200	VRG331			10,9 kg	
11700300				16,0 kg	●
11701100				26,4 kg	
11700600	VRG332	13,2 kg	●		
11700700	VRG332			11,4 kg	●
11701200				27,0 kg	
11701500	VRG338	14,4 kg	●		

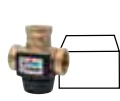
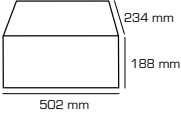
					
VRBxxx					
DP = Distr. Package					
Art.No.	Type	Weight/DP	24 pcs/DP	Weight/DP	16 pcs/DP
11660100	VRB141	13,0 kg	●		
11660200		13,2 kg			
11660300		13,0 kg			
11660400	VRB141			12,5 kg	●
11660500				17,6 kg	
11660800	VRB142	11,0 kg	●		
11660900		12,7 kg			
11661000		12,6 kg			
11662400		11,0 kg			
11661100	VRB142			13,3 kg	●
11661200				17,3 kg	
11661500	VRB143			8,8 kg	●
11661600				8,9 kg	
11661700				10,7 kg	


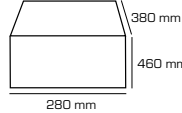
			
ARA6xx			
DP = Distr. Package			
Art.No.	Type	Weight/DP	36 pcs/DP
12100100	ARA643	18 kg	●
12100200	ARA653		
12100300	ARA663		
12100400	ARA673		
12100500	ARA693	22 kg	●
12100700	ARA654		
12100800	ARA664		
12101100	ARA641		
12101200	ARA651	18 kg	●
12101300	ARA661		
12101400	ARA671		
12101500	ARA691		
12101600	ARA642	22 kg	●
12101700	ARA652		
12101800	ARA662		
12101900	ARA672		
12120100	ARA637	18 kg	●
12120200	ARA647	22 kg	●
12120600	ARA658		
12120700	ARA635	18 kg	●
12120800	ARA645		
12120900	ARA655		
12121000	ARA636		
12121100	ARA646	22 kg	●
12121200	ARA656	18 kg	●
12520100	ARA639		
12520200	ARA659		


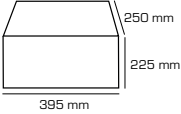
					
VRG14x					
DP = Distr. Package					
Art.No.	Type	Weight/DP	24 pcs/DP	Weight/DP	16 pcs/DP
11640100	VRG141	11,7 kg	●		
11640200		13,3 kg			
11640300		13,0 kg			
11640400	VRG141			12,8 kg	●
11640500				17,8 kg	
11640800	VRG142	11,5 kg	●		
11640900		13,5 kg			
11641000		13,0 kg			
11641100	VRG142			13,6 kg	●
11641200				17,9 kg	


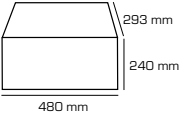
			
ATA2xx			
DP = Distr. Package			
Art.No.	Type	Weight/DP	20 pcs/DP
56001100	ATA212	9,5 kg	●
56001500		10,0 kg	


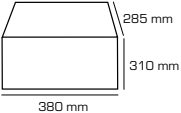
			
VTA3xx		DP = Distr. Package	
Art.No.	Type	Weight/DP	24 pcs/DP
31100300	VTA321	13,0 kg	●
31100400		13,2 kg	
31100700			
31100800			
31100500	VTA322		12,5 kg
31100600		13,2 kg	
31100900			
31101000			
31101007	VTA323		21,2 kg
31102800		11,6 kg	
31102900			
31103200			
31104700	VTA351		13,2 kg
31100100		15,2 kg	
31100200			
31102600			
31102700	VTA352		13,5 kg
31103900		16,1 kg	
31350500			
31104900			
31105000	VTA353		14,0 kg
31105100		12,4 kg	
31106100			
31105200			
31200100	VTA372		12,9 kg
31200400		12,8 kg	
		15,0 kg	●
		13,5 kg	●

			
VTC3xx		DP = Distr. Package	
Art.No.	Type	Weight/DP	24 pcs/DP
51000100	VTC311	12,8 kg	●
51000200		12,0 kg	
51000300			
51000800			
51000900	VTC312		12,0 kg
51001000		12,5 kg	
51001500			
51001600			
51001700	VTC317		12,5 kg
51002200		15,6 kg	
51002300			
51002400			
51002900	VTC318		13,5 kg
51003000		13,5 kg	
51003100			

			
MBAxxx		DP = Distr. Package	
Art.No.	Type	Weight/DP	30 pcs/DP
43102500	MBA132	24,8 kg	●
43102600		31,7 kg	
43102700			
43102800			
43102100	MBA135		28,1 kg
43102200		36,2 kg	
43102300	MBA136	30,8 kg	●
43102400		41,6 kg	
43100100		24,2 kg	
43100200	MBA121	29,9 kg	●
43100300		34,4 kg	
43101100		20,3 kg	
43101200		23,6 kg	
43101300	MBA122	29,3 kg	●
43101400		35,0 kg	
43100700		23,9 kg	
43100800		29,9 kg	
43100900	MBA124	39,2 kg	●
43101000		48,5 kg	
43100400		26,9 kg	
43100500	MBA124	33,2 kg	●
43100600		40,4 kg	

			
VTC5xx		DP = Distr. Package	
Art.No.	Type	Weight/DP	16 pcs/DP
51020100	VTC511	14,0 kg	●
51020200		14,2 kg	
51020300			
51020400			
51020600			
51020700			
51020800			
51020900			
51021100	VTC512		14,0 kg
51021200		17,8 kg	
51021500			
51021600			
51021700			
51021800			
51022000			
51022100			
51022200	17,3 kg		●
51022300		17,4 kg	
51022500			
51022600			

			
VZCxxx, VZDxxx		DP = Distr. Package	
Art.No.	Type	Weight/DP	15 pcs/DP
43060600	VZC162	11,2 kg	●
43060700		10,0 kg	
43060800			
43061400	VZC263		13,1 kg
43061600		14,2 kg	
43080100	VZD161	11,7 kg	●
43080300		11,4 kg	
43080400	VZD162		11,4 kg
43080700		13,1 kg	
43080800			14,2 kg

				
ZRSxxx		DP = Distr. Package		
Art.No.	Type	Weight/DP	14 pcs/DP	
43122100	ZRS224	14,0 kg	●	
43122200		15,0 kg		
43122300				
43122400				
43123100	ZRS234		15,0 kg	●
43123200		16,0 kg		
43123300				
43123400			17,0 kg	



MADE IN SWEDEN WITH THE WORLD IN MIND

Five sales companies and partners in over 30 countries gives ESBE a large market presence throughout Europe. The base is still in Reftele in the county of Småland, the tiny village in southern Sweden where it all began. The Swedish plant with head office, R&D department and factory is state-of-the-art and products are distributed all over Europe.

To meet the demands on high delivery reliability – and because our product portfolio is constantly growing in size as well as brand awareness – our products are delivered to central and southern Europe via ESBE's distribution centre in Munich.

Find country specific contacts info >> esbe.eu



Essco Group

Unit 5 • Nelson Industrial Park
Herald Road • Hedge End
Southampton • SO30 2JH
Tel: 01489 779068
Email: sales@esscogroup.co.uk
Web: www.esscogroup.co.uk



SWEDISH HYDRONIC SOLUTIONS SINCE 1906