

Pricelist

GB 2022-2 GBP

Valid from 01.07.2022



SWEDISH HYDRONIC SOLUTIONS SINCE 1906



Hydronic system control units for your daily work

System units • System components • Accessories • Spare parts

essco is the UK distributor of ESBE products to Wholesalers

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General terms of delivery

Delivery terms: FCA REFTELE Sweden, according to Incoterms 2010.

Payment terms: 30 days net. After due date interest will be charged.

Delivery terms: Orgalime S2000

Other conditions: As per agreement.

Administration fees and deviations may appear in the current price list.

Price alterations: We reserve the right to revise prices at essential changes in market and exchange conditions.

- 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.





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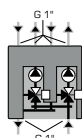
CIRCULATION UNIT

Series DxA

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



DDA111



DAA111



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	1.357,00

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	1.634,00

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		296,00



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>



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. PN6.

NEW!

DN20 : G 3/4"
DN25 : G 1"
DN32 : G 1 1/4"

DN20 : G 1"
DN25 : G 1 1/2"
DN32 : G 1 1/2"



GRA311



GRA211, GRA231



GRA212, GRA232

Art. No.	Ref.	Replaces	Ref.	DN	With pump	GBP/pcs
61043600	GRA311	61043100	GRA311	20	Wilo 15/8	887,00
61042100	GRA211	61040100	GRA111	25	Wilo 25/6	945,00
61042200		61040400		32	Wilo 25/8	1.026,00
61042300	GRA212	61040500	GRA112	25	Grundfos 25-50	979,00
61042400		61040600		32	Grundfos 25-70	1.049,00

With Actuator ARA639, 24V proportional, ready and mounted on the Circulation unit. PN6.

Art. No.	Ref.	Replaces	Ref.	DN	With pump	GBP/pcs
61042500	GRA231	61043200	GRA131	25	Wilo 25/6	1.037,00
61042600		61043300		32	Wilo 25/8	1.096,00
61042700	GRA232	61043400	GRA132	25	Grundfos 25-50	1.073,00
61042800		61043500		32	Grundfos 25-70	1.131,00

CIRCULATION UNIT

Mixing function Series GRC

With Controller CRD221 ready and mounted on the Circulation unit. PN6.

NEW!

Product launch Q4 2022

DN25 : G 1"
DN32 : G 1 1/4"
G 1 1/2"



GRC241

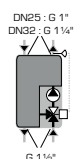


GRC242

Art. No.	Ref.	Replaces	Ref.	DN	With pump	GBP/pcs
61044500	GRC241	61041300	GRC141	25	Wilo 25/6	1.528,00
61044600		61041400		32	Wilo 25/8	1.601,00
61044700	GRC242	61041500	GRC142	25	Grundfos 25-50	1.610,00
61044800		61041600		32	Grundfos 25-70	1.663,00

NEW! Product launch Q4 2022

With Controller CRC211 ready and mounted on the Circulation unit. PN6.

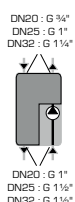


Art. No.	Ref.	Replaces	Ref.	DN	With pump	GBP/pcs
61044100	GRC221	61040200	GRC111	25	Wilo 25/6	1.236,00
61044200		61040700		32	Wilo 25/8	1.312,00
61044300	GRC222	61040900	GRC112	25	Grundfos 25-50	1.289,00
61044400		61041100		32	Grundfos 25-70	1.342,00

CIRCULATION UNIT

Direct supply Series GDA

Circulation unit intended for direct supply of heating. PN6.

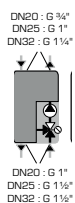


Art. No.	Ref.	Replaces	Ref.	DN	With pump	GBP/pcs
61003200	GDA311	61003100	GDA311	20	Wilo 15/8	525,00
61001100	GDA211	61000100	GDA111	25	Wilo 25/6	591,00
61001200		61000200		32	Wilo 25/8	647,00
61001300	GDA212	61000300	GDA112	25	Grundfos 25-50	628,00
61001400		61000400		32	Grundfos 25-70	686,00

CIRCULATION UNIT

Fixed temperature Series GFA

Circulation unit intended for fixed temperature operation. PN6. Temperature range: 20-55°C



Art. No.	Ref.	Replaces	Ref.	DN	With pump	GBP/pcs
61023200	GFA311	61023100	GFA311	20	Wilo 15/8	700,00
61021100	GFA211	61020100	GFA111	25	Wilo 25/6	776,00
61021200		61020200		32	Wilo 25/8	827,00
61021300	GFA212	61020300	GFA112	25	Grundfos 25-50	816,00
61021400		61020400		32	Grundfos 25-70	869,00

CIRCULATION UNIT

Bivalent mixing function Series GBA

With Actuator ARA661, 230V 3-point ready and mounted on the Circulation unit. PN6.

NEW!

Art. No.	Ref.	Replaces	Ref.	DN	With pump	GBP/pcs
61061100	GBA211	61060100	GBA111	25	Wilo 25/6	1.026,00

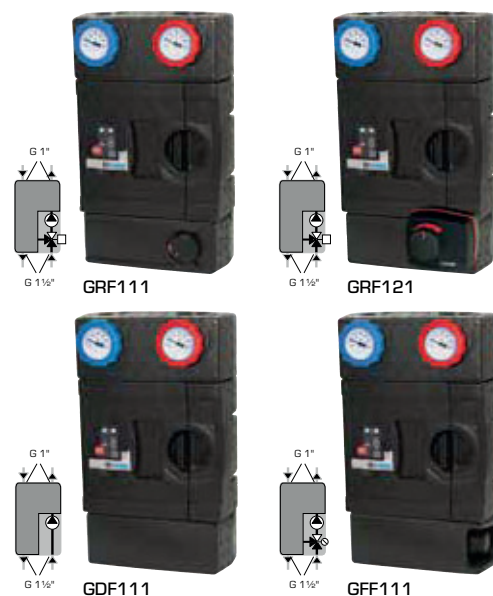
CIRCULATION UNIT

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. PN6.

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	384,00
61241100	GRF121		Mixing function, with VRG432 + ARA661	556,00
61200100	GDF111		Direct supply function	274,00
61220100	GFF111		Mixing function, with VTA378	413,00



Guidance to choose correct

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



Assortment replaces

At the beginning of year 2022 the new assortment will replace old numbers but due to the tricky situation with electronical components the precise time is difficult to specify.

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	-	317,00
66000600	GMA331	3			410,00

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	-	388,00
66001300	GMA431	3			473,00
66001100	GMA411	1	Yes	-	253,00
66001600	GMA521	2			613,00
66001700	GMA531	3			798,00



GMA441

GMA451

Note: These products supply on request and might therefore have a longer lead time. In order to know the delivery time please contact our customer services for more information.

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

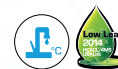
Art. No.	Ref.	No. of circ. units	With hydraulic separator function	Note	GBP/pcs
66001400	GMA441	4	No	-	596,00
66001500	GMA451	5			745,00

**Guidance to choose correct**

Circulation units sizing software

Scan the QR-code and go to address
<http://selector.esbe.eu>**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"	3.086,00



ESBE ACCESSORIES

FSK803

Circulation unit with pump and electronic return thermostat

Art. No.	Power supply	Connection	GBP/pcs
64020100	230 V, 50Hz	G ½"	518,00

**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"	93,00
11600200		0.63		93,00
11600300		1		93,00
11600400		1.6		93,00
11600500		2.5		84,00
11600600	20	4	Rp 3/4"	93,00
11600700		2.5		89,00
11600800		4		79,00
11600900		6.3		79,00
11601000	25	6.3	Rp 1"	93,00
11601100		10		85,00
11601200	32	16	Rp 1 1/4"	93,00
11603400	40	25	Rp 1 1/2"	160,00
11603600	50	40	Rp 2"	197,00

VRG132
External thread, PN10

Art. No.	DN	Kvs	Connection *	GBP/pcs
11601500	15	0.4	G 3/4"	93,00
11601600		0.63		93,00
11601700		1		93,00
11601800		1.6		93,00
11601900		2.5		93,00
11602000	20	4	G 1"	93,00
11602100		2.5		90,00
11602200		4		90,00
11602300		6.3		90,00
11602400	25	6.3	G 1 1/4"	97,00
11602500		10		97,00
11602600	32	16	G 1 1/2"	109,00
11603500	40	25	G 2"	157,00
11603700	50	40	G 2 1/4"	233,00

VRG133
Compression fitting, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11602900	20	4	CPF 22 mm	98,00
11603000		6.3		97,00
11603100	25	10	CPF 28 mm	98,00

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"	114,00
11603800		4	2 x RN 1" + G 1"	105,00

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"	278,00
11720200		4		212,00
11720300		6.3		212,00

MIXING VALVE
Series VRG140**VRG141**
Internal thread, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11640100	15	2.5	Rp 1/2"	105,00
11640200	20	4	Rp 3/4"	101,00
11640300		6.3		101,00
11640400	25	10	Rp 1"	109,00
11640500	32	16	Rp 1 1/4"	122,00
11641500	40	25	Rp 1 1/2"	226,00
11641700	50	40	Rp 2"	263,00

VRG142
External thread, PN10

Art. No.	DN	Kvs	Connection *	GBP/pcs
11640900	20	4	G 1"	101,00
11641000		6.3		101,00
11641100	25	10	G 1 1/4"	109,00
11641200	32	16	G 1 1/2"	122,00

**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

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CHANGE-OVER/DIVERTING VALVE

Series VRG230

**VRG231**

Internal thread, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11620100	20	6.3	Rp ¾"	90,00
11620200	25	10	Rp 1"	97,00
11620300	32	16	Rp 1¼"	109,00
11621400	40	30	Rp 1½"	157,00
11621600	50	40	Rp 2"	233,00

VRG232

External thread, PN10

Art. No.	DN	Kvs	Connection *	GBP/pcs
11620600	20	6.3	G 1"	90,00
11620700	25	10	G 1¼"	97,00
11620800	32	16	G 1½"	109,00
11621500	40	30	G 2"	157,00
11621700	50	40	G 2¼"	233,00

MIXING VALVE

Series VRG330

**VRG331**

Internal thread, PN10

Art. No.	DN	Kvs A ■ - ▲	Kvs B ■ - ●	Connection	GBP/pcs
11700100	20	13	8	Rp ¾"	90,00
11700200	25	17	10	Rp 1"	97,00
11700300	32	32	20	Rp 1¼"	109,00
11701100	40	45	30	Rp 1½"	157,00
11701300	50	65	40	Rp 2"	233,00

VRG332

External thread, PN10

Art. No.	DN	Kvs A ■ - ▲	Kvs B ■ - ●	Connection *	GBP/pcs
11700600	20	13	8	G 1"	90,00
11700700	25	17	10	G 1¼"	97,00
11700800	32	32	20	G 1½"	109,00
11701200	40	45	30	G 2"	157,00
11701400	50	65	40	G 2¼"	233,00

BIVALENT MIXING VALVE

Series VRB140

**VRB141**

Internal thread, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11660100	15	2.5	Rp ½"	132,00
11660200	20	4	Rp ¾"	128,00
11660300		6.3		128,00
11660400	25	10	Rp 1"	136,00
11660500	32	16	Rp 1¼"	154,00
11662000	40	25	Rp 1½"	221,00
11662200	50	35	Rp 2"	331,00

VRB142

External thread, PN10

Art. No.	DN	Kvs	Connection *	GBP/pcs
11660800	15	2.5	G ¾"	132,00
11662400		4		141,00
11660900	20	4	G 1"	128,00
11661000		6.3		128,00
11661100	25	10	G 1¼"	136,00
11662100	40	25	G 2"	221,00

VRB143

Compression fitting, PN10

Art. No.	DN	Kvs	Connection	GBP/pcs
11661500	20	4	CPF 22 mm	136,00
11661600		6.3		136,00
11661700	25	6.3	CPF 28 mm	157,00

MIXING VALVE

Series T and TM

**T** Internal thread, PN6

Art. No.	DN	Kvs	Connection	Note	GBP/pcs
11300900	20	8	Rp ¾"		219,00

TM Compression fitting, PN10

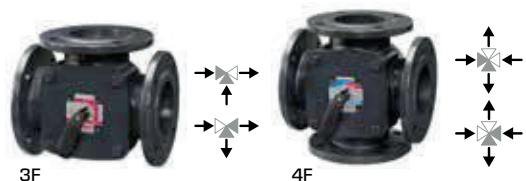
Art. No.	DN	Kvs	Connection	Note	GBP/pcs
11300700	20	5.5	CPF 22 mm		178,00

MIXING VALVE**Series HG****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	349,00

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	221,00
11350200		6,3		cc 125 mm	237,00
11351100		10		cc 125 mm, By-pass	349,00

MIXING VALVE**Series 3F and 4F****3F** Flange, PN6

Art. No.	DN	Kvs	GBP/pcs
11100100	20	12	245,00
11100200	25	18	245,00
11100300	32	28	278,00
11100400	40	44	298,00
11100600	50	60	336,00
11100800	65	90	386,00
11101000	80	150	543,00
11101200	100	225	694,00
11101400	125	280	920,00
11101600	150	400	1.241,00

4F Flange, PN6

Art. No.	DN	Kvs	GBP/pcs
11101800	40	44	449,00
11101900	50	60	579,00
11102000	65	90	641,00
11102100	80	150	781,00
11102200	100	225	1.074,00

**Further product possibilities**

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- Matching controllers can be found on page 12–13
- Selection guide can be found on page 14–17

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**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"	34,00
36551800	G 1 1/4"	R 1"	58,00
36551900	G 1 1/2"	R 1 1/4"	79,00
36552000	G 2"	R 1 1/2"	140,00
36552100	G 2 1/4"	R 2"	204,00

INSULATION SHELL**Series VRI100****VRI111**

Art. No.	Ref.	DN	GBP/pcs
16103800	for valve series VRG130/230/330 + VRB140	15/20	21,00
16103900		25	23,00
16104000		32	36,00
16104100		40	46,00



ACTUATOR Series ARA600



3-point/ 2-point/ Proportional

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

ARA600 3-point, 24 V AC

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/ pcs
12100100	ARA643	30	6		224,00
12100200	ARA653	60			224,00
12100700	ARA654			1)	260,00
12100300	ARA663	120			224,00
12100800	ARA664			1)	194,00
12100400	ARA673	240			224,00
12100500	ARA693	120/240/ 480/1200			260,00

ARA600 3-point, 230 V AC

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12101100	ARA641	30	6		224,00
12101600	ARA642			1)	260,00
12101200	ARA651			212,00	
12101700	ARA652	1)		179,00	
12101300	ARA661			212,00	
12101800	ARA662	1)		194,00	
12101400	ARA671	240			224,00
12101900	ARA672			1)	195,00
12101500	ARA691	120/240/ 480/1200			260,00

ARA600 2-point, 24 V AC

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12120100	ARA637	15	3	2)	260,00
12120200	ARA647	30	6		260,00
12120600	ARA658	60	6	1)	287,00

ARA600 2-point, 230 V AC

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12120700	ARA635	15	3	2)	252,00
12121000	ARA636			1), 2)	287,00
12120800	ARA645	30	6		254,00
12121100	ARA646			1)	287,00
12120900	ARA655	60			260,00
12121200	ARA656			1)	326,00

ARA600 Proportional, 24 V AC/DC

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12520100	ARA639	15/30/ 60/120	6		266,00
12520200	ARA659	45/120			224,00

ACTUATOR Series 90



90 3-point, 24 V AC

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12051100	92M	60	15	1)	299,00
12050700	92-2	120			265,00
12051300	93	240			265,00

90 3-point, 230 V AC

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12051800	94M	15	5	1)	299,00
12052200	95M	60	15	1)	254,00
12052100	95-2M	120	15	1)	255,00

90 2-point, 230 V AC

Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12052500	97	15	5	3)	330,00
12052600	98	60	15		330,00

90 Proportional, 24 V AC/DC

Art. No.	Reference	Running time [s]	Torque [Nm]	Note	GBP/pcs
12550500	93P	60 – 390	15	4), 5) Operating range 90/180/355°	428,00

ESBE ACCESSORIES

AUXILIARY SWITCH, ADAPTOR KITS



ARA600

90

Options ARA600, 90

Art. No.	Reference	Designation	Note	GBP/pcs
16200700	ARA801	Auxiliary switch kit ARA600		45,00
98100690	-	Auxiliary switch kit 90		70,00
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.

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		470,00

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		470,00

ARC

Proportional, 24 V AC/DC



Art. No.	Reference	Running time 90° [s]	Torque [Nm]	Note	GBP/pcs
12220100	ARC369	150	30	2)	625,00



EXCHANGE SET

Serie 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)	289,00



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

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VALVE + ACTUATOR

Series VRG + Series ARA



VRG131 + ARA661

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

3-P

Art. No.	Mixing valve			Actuator	GBP/pcs
	DN	Kvs	Connection		
13020600	15	2.5	Rp ½"	ARA661	309,00
13020700	20	4	Rp ¾"		302,00
13022300		6.3			302,00
13020800	25	6.3	Rp 1"		310,00
13022400		10			310,00

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

**CONTROLLER**
Series CRA**NEW!** Product launch
Q4 2022**CRA21x**Constant temperature controller, 230 V AC,
Temp. range 5–95°C,

Art. No.	Ref.	Replaces	Ref.	Torque [Nm]	Note	GBP/pcs
12721100	CRA211	12720100	CRA111	6	1)	448,00
12721500	CRA215	12720500	CRA115		1), 2)	448,00

CONTROLLER
Series CRB**NEW!** Product launch
Q4 2022

CRB21x

CRB22x

CRB

Indoor sensor based controller, 230 V AC



Art. No.	Ref.	Replaces	Ref.	Torque [Nm]	Room display unit	Note	GBP/pcs
12663100	CRB211	12660100	CRB111	6	Cable	1), 3)	601,00
12665200	CRB221	12662200	CRB122		Wireless		789,00

CONTROLLER
Series CRC**NEW!** Product launch
Q4 2022**CRC21x**

Weather compensation controller, 230 V AC



Art. No.	Ref.	Replaces	Ref.	Torque [Nm]	Note	GBP/pcs
12821100	CRC211	12820100	CRC111	6	1)	471,00
12820500	CRC115	–	–	6	1), 2)	470,00

CONTROLLER
Series CRD**NEW!** Product launch
Q4 2022**CRD**Combined weather compensating and indoor sensor based
controller, 230 V AC

Art. No.	Ref.	Replaces	Ref.	Torque [Nm]	Note	GBP/pcs
12684200	CRD221	12682200	CRD122	6		877,00

**Assortment replaces**At the beginning of year 2022 the new assortment will
replace old numbers but due to the tricky situation with
electronical components the precise time is difficult to specify.**CONTROLLER**

Series CRK

NEW!Product launch
Q4 2022**CRK21x**Combined constant flow temperature and return temperature
controller when 2 flow temperatures needs to be controlled.,
230 V AC, Temp. range 5–95°C

Art. No.	Ref.	Replaces	Ref.	Torque [Nm]	Note	GBP/pcs
12729100	CRK211	12725100	CRA151	6	1)	494,00

CONTROLLER
Series CRS**NEW!**Product launch
Q4 2022**CRS**Constant flow temperature controller made especially
for PWx (Potable water applications), 230 V AC,
Temp. range 5–95°C

Art. No.	Ref.	Replaces	Ref.	Torque [Nm]	Note	GBP/pcs
12727100	CRS211	12723100	CRS131	6	1)	694,00

CONTROLLER
Series CRA12x

CRA12x

CRA12x

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



Art. No.	Reference	Voltage [VAC]	Torque [Nm]	Note	GBP/pcs
12742100	CRA121	230	15	1)	586,00
12742500	CRA125			1), 2)	667,00

CONTROLLER
Series CRC12x

CRC12x

CRC12x

Weather compensation controller, 230 V AC



Art. No.	Reference	Torque [Nm]	Note	GBP/pcs
12842100	CRC121	15	1), 3)	644,00
12842500	CRC125		1), 2), 3)	644,00

CONTROLLER
Series 90C**90C**

Weather compensation controller, 230 V AC



Art. No.	Reference	Torque [Nm]	Note	GBP/pcs
12601500	90C-1A-90	15		712,00
12601600	90C-1B-90			678,00
12601700	90C-1C-90			836,00
12603600	90C-3B-90	15		834,00
12603700	90C-3C-90			982,00

ESBE ACCESSORIES

SENSORS, ADAPTOR KITS, AUXILIARY SWITCH

Options CRA, CRB, CRC, CRD, CUA

Art. No.	Ref.	Designation	GBP/pcs
17053100	CRA911	Flow pipe sensor, 5m cable	72,00
17056000	CRC911	Outdoor sensor [CRC, CRD]	113,00
17052000	CRS911	Flow pipe sensor [CRS]	122,00
Different adaptor kits suitable – see pages 14–15			

Options 90C

Art. No.	Reference	Designation	GBP/pcs
17050700	CRS231	Room sensor	296,00
17050800	CRS211	Flow pipe sensor	90,00
17050900	CRS213	Universal sensor	90,00
17051100	CRS215	High temperature sensor	238,00
Different adaptor kits suitable – see pages 14–15			

Art. No.	Ref.	Designation	Note	GBP/pcs
16200700	ARA801	Auxiliary switch kit ARA600, CRxx1x	5)	45,00
98100690	-	Auxiliary switch kit 90, CRA120, CRC120	6)	70,00

**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



Connected to ESBE cloud services Comfort Control

**Further product possibilities**

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

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**VALVE + CONTROLLER**

Series VRx + Series CRx

**VRB141 + CRA211**

Bivalent valve PN10 + Controller, 230 V AC



Art. No.	Replaces	Mixing valve			Controller	GBP/pcs
		DN	Kvs	Connection		
13042200	13040100	25	10	Rp 1"	CRA211	603,00

**VRG131 + CRC211**

Mixing valve PN10 + Controller, 230 V AC

Art. No.	Replaces	Mixing valve			Controller	GBP/pcs
		DN	Kvs	Connection		
13042000	13041000	20	6,3	Rp 3/4"	CRC211	541,00
13042100	13041100	25	10	Rp 1"		547,00

**Assortment replaces**

At the beginning of year 2022 the new assortment will replace old numbers but due to the tricky situation with electrical components the precise time is difficult to specify.

Notes: 1) Auxiliary switch is possible 2) Transformer with UK plug 3) Without internal timer 4) With pump control wire box 5) Not possible together with CRB114, CRC113 6) Not possible together with 92P, 92P2, 92P4

Guide for use to 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, CRA12x, CRC12x	Series 90C
ARA803 ESBE VRG, VRB (Only the pictured components needed).	16000500	12,00		●		
ARA803 ESBE MG, G, F, BIV, T, TM, H, HG				●		
VRG801 ESBE VRG, VRB	16053300	22,00			●	
VRG804 ESBE VRG, VRB without hand lever for controller 90C	16053700	22,00				●
900 ESBE Series MG, G, F, BIV, H, HG	16051300	17,00			●	●
900-270 ESBE Serie MG, G without hand lever for actuator 92P4, 95-270M, 93P and for controller 90C	16053400	17,00			● *	
ARA806 Honeywell Centra Corona, Series V5433A, V5433G, V5442A, V5442G	16000800	32,00		●		
ARA808 Lovato	16000900	31,00		●		
ARA805 Meibes	16000600	15,00		●		
ARA809 PAW	16001000	37,00		●		

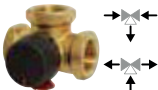
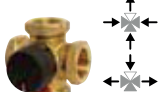
Notes: *Not any extra adaptor kit is necessary for versions 95-270M and 92P4 since it's included in ordinary delivery of the actuator

						
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	21,00		●		
ARA810 Wita Minimix, Maximix, H10, H9GG, H9MS	16001100	23,00		●		
900C Honeywell Centra ZR, DR, DRU, DRG (DN15 - DN50)	16053900	63,00			●	● *
900CK Honeywell Centra Kompakt DRK/ZRK	16051700	55,00			●	● *
900F Meibes / Watts/ BRV/ Oventrop***	16053600	51,00			●	● *
900K Siemens VBG31, VBI31, VBF21, VCI31****	16052500	77,00			●	● *
900A TA-VTR	16051400	72,00			●	● *
900L Schneider Electric TRV / TAC-TRV	16052600	81,00			●	● *
900B Viessmann (DN20 - DN25)	16051500	72,00			●	● *

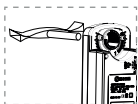
Notes: *The adaptor kit comes with a hand lever and for the controller series 90C this must be removed. It is not required for assembly. **Adapter valid to valves manufactured before 2019 *** For Oventrop mixing valves until ~2015 (old design of the housing). **** Only up to DN50

Guide for use to ESBE actuators and controllers

● Recommended ● Secondary alternative

	Actuators						Controllers					
												
	3-P	2-P	Prop.	3-P	2-P	Prop.		CRAx1x, CRAx4x, CRAx5x, CRK 	CRBx1x, CRBx2x 	CRA12x 		
							90C 	CRCx1x, CRCx4x 	CRDx2x 	CRC12x 		
 VRG130	●	●	●	●*	●*	●*	●		●	●*	● ¹⁾	
 VRG330												
 VRH130												
 VRG140	●	●	●	●*	●*	●*	●		●	●*	● ¹⁾	
 VRG230	●	●	●	●*	●*	●*						
 VRB140	●		●	●*		●*	●		●	●*	● ¹⁾	
 5MG				●**		●**						

Notes: *Additional adaptor kit necessary, see pages 14–15 ** Only type 95-270M, 92P4 and 93P 1) Due to drinking water legislation shall decision of valve be made depending on application and national laws and directives.

Actuators										Controllers	
 90 - 15 Nm			 ARC - 30 Nm		 ARD - 10 Nm 		 ARD - 20 Nm 		 90C  	 CRAx2x   CRCx2x 	
3-P	2-P	Prop.	3-P/2-P	Prop.	2-P	Prop.	2-P	Prop.			
 3F	●	●	●	●	●	●	●	●	●	●	
 4F	●	●	●	●	●	●	●	●		●	
 Damper				● 6 m ²  9 - 18 mm  9 - 26 mm	● 2 m ²  9 - 18 mm  9 - 26 mm	● 4 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	ARD100	ARD200	ARA600	90	ARC300	ARD100	ARD200
	Torque	6 Nm	15 Nm	30 Nm	10 Nm	20 Nm	6 Nm	15 Nm	30 Nm	10 Nm	20 Nm
	DN	max. ΔP [kPa]					max. flow [m ³ /h]				
 3F/4F	20	50	50	50	50	50	8,5	8,5	8,5	8,5	8,5
	25						13	13	13	13	13
	32						20	20	20	20	20
	40						31	31	31	31	31
	50						42	42	42	42	42
	65	—	30	15	30	30	—	64	64	64	64
	80	—					—	110	110	82	110
	100	—					—	120	160	87	160
	125	—	15	15	30	30	—	110	200	—	150
	150	—					—	160	280	—	220

FAN COIL VALVE

Series VLG100



VLG122

VLG132

VLG142

VLG122

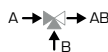
2-Way Valve PN16



Art. No.	DN	Kvs	Connection	GBP/pcs
21500100	15	0.25	G 1/2"	36,00
21500200		0.4		36,00
21500300		0.6		36,00
21500400		1		36,00
21500500		1.6		36,00
21500600	20	2.5	G 3/4"	43,00

VLG132

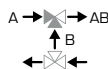
3-Way Valve PN16



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"	41,00
21501400		1	0.6	2.5	2.5		41,00
21501500		1.6	1	1.5	1.5		41,00
21501600	20	2.5	1.6	1.5	1.5	G 3/4"	49,00
21501700		4	2.5	1.0	0.4		99,00

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"	47,00
21502200		0.4	0.4	2.5	2.5		47,00
21502300		0.6	0.6	2.5	2.5		47,00
21502400		1	0.6	2.5	2.5		47,00
21502500		1.6	1	1.5	1.5		47,00
21502600	20	2.5	1.6	1.5	1.5	G 3/4"	50,00

ACTUATOR

Series ALG400



ALG43x

2-point, Stroke 2.5 mm

2-P

ALG434, ALG436

ALG438

Art. No.	Ref.	Supply voltage	Running time [s]	Force [N]	GBP/pcs
22500100	ALG434	110-230 V AC	380/230*	140	45,00
22500200	ALG436	24 V AC/DC	400		45,00

ALG438

Proportional, Stroke 2.5 mm

Prop.

Art. No.	Ref.	Supply voltage	Running time [s]	Force [N]	GBP/pcs
22500300	ALG438	24 V AC	400	140	128,00



FURTHER PRODUCT POSSIBILITIES

Matching room thermostat is series TFC >> see page 19



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**ROOM THERMOSTAT**

Series TPW



TPW114

TPW214

Art. No.	Ref.	Notes	Power supply	Temp. range	Switching capabilities	GBP/pcs
18002200	TPW114	2, 8, 10	2*1,5V AA	5-40°C	5 (1)A @250V AC	129,00
18003300	TPW214	2, 8, 10, 12	2*1,5V AA /230V AC	5-35°C	6 (3)A @250V AC	278,00

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	26,00
18000600	TMA116	1, 4		5 (2,5)A@250V AC	34,00

FAN COIL ROOM THERMOSTAT

Series TFC



TFC139

Art. No.	Ref.	Notes	Power supply	Temp. range	Switching capabilities	GBP/pcs
18004500	TFC139	3, 16	24V AC / 230V AC	5-35°C	3 (1)A @250V AC	157,00

**NOTES INSIDE TABLES: FUNCTIONS/FEATURES**

- 1) For use in heating application
- 2) For use in heating or cooling application
- 3) For use in heating and cooling application
- 4) With ON/OFF switch
- 8) Comfort, Economy and Antifrost/Off modes
- 10) Weekly programmable
- 12) Wireless communication
- 16) With 0-10V DC heating, cooling and fan signal output

**FURTHER PRODUCT POSSIBILITIES****For series TMA and TPW**

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	711,00
55005400			60°C ± 5°C	711,00
55005500			65°C ± 5°C	711,00

LTC361 Internal thread, with electronic 6m pump, PN6

Art. No.	DN	Connection Adapter	Temp. *	GBP/pcs
55006000	25	G 1"	55°C ± 5°C	718,00
55006100			60°C ± 5°C	718,00
55006200			65°C ± 5°C	718,00
55006300			70°C ± 5°C	718,00
55006400	32	G 1 1/4"	55°C ± 5°C	732,00
55006500			60°C ± 5°C	732,00
55006600			65°C ± 5°C	732,00
55006700			70°C ± 5°C	732,00

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	792,00
55006900			60°C ± 5°C	792,00
55005200			65°C ± 5°C	792,00



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LOAD VALVE Series VTC500



VTC511

VTC512

VTC511 Internal thread, PN10

Art. No.	DN	Kvs	Connection	Temp. *	GBP/pcs
51020100	25	9	Rp 1"	50°C ± 5°C	153,00
51020200				55°C ± 5°C	153,00
51020300				60°C ± 5°C	153,00
51021100				65°C ± 5°C	153,00
51020400				70°C ± 5°C	153,00
51020600	32	14	Rp 1 1/4"	50°C ± 4°C	158,00
51020700				55°C ± 4°C	158,00
51020800				60°C ± 4°C	158,00
51021200				65°C ± 4°C	158,00
51020900				70°C ± 4°C	158,00

VTC512 External thread, PN10

Art. No.	DN	Kvs	Connection	Temp. *	GBP/pcs
51021500	25	9	G 1 1/4"	50°C ± 5°C	153,00
51021600				55°C ± 5°C	153,00
51021700				60°C ± 5°C	153,00
51022500				65°C ± 5°C	153,00
51021800				70°C ± 5°C	153,00
51022000	32	14	G 1 1/2"	50°C ± 4°C	158,00
51022100				55°C ± 4°C	158,00
51022200				60°C ± 4°C	158,00
51022600				65°C ± 4°C	158,00
51022300				70°C ± 4°C	158,00

SOLID FUEL KIT Series SFK100



SFK120

SFK130

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	565,00

SFK130 Motorized, 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	574,00

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 ± 3°C	145,00
51060200				55°C ± 3°C	145,00

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 ± 3°C	174,00

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	128,00
51000200				55°C ± 2°C	128,00
51000300				60°C ± 2°C	128,00

VTC312 External thread, PN10

Art. No.	DN	Kvs	Connection	Temp.*	GBP/pcs
51000800	15	2.8	G ¾"	45°C ± 2°C	121,00
51000900				55°C ± 2°C	121,00
51001000				60°C ± 2°C	121,00
51001500	20	3.2	G 1"	45°C ± 2°C	128,00
51001600				55°C ± 2°C	128,00
51001700				60°C ± 2°C	128,00

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	150,00
51002300				55°C ± 2°C	150,00
51002400				60°C ± 2°C	150,00

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	137,00
51003000				55°C ± 2°C	137,00
51003100				60°C ± 2°C	137,00

DRAUGHT REGULATOR

Series ATA200



Art. No.	Reference	Temp. range	Connection	Note	GBP/pcs
56001100	ATA212	35–95°C	G ¾"	1)	56,00
56001500				2)	62,00

FLUE GAS THERMOSTAT

Series CTF150



CTF151

Art. No.	Switch temp. range	Max. temp. probe	Note	GBP/pcs
56020100	20–240°C	550°C		145,00

Options series CTF151

Art. No.	Reference	Designation	GBP/pcs
56020200	CTF851	Immersion pocket Ø 8 mm x 0.75 mm, length 100 mm	48,00

FLUE GAS THERMOSTAT

Series CTF200



CTF271

Art. No.	Switch temp. range	Max. temp. probe	Note	GBP/pcs
56020300	40–160°C	750°C	3)	208,00

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 [m3/h] ⁴⁾	G ¾" G 1½"	152,00

ESBE ACCESSORIES

THERMOSTATS ETC.



Options series LTC100, LTC200, LTC300, VTC530, VTC510

Art. No.	Reference	Designation	GBP/pcs
57020100	VTC951	Thermostat 50°C	62,00
57020200		Thermostat 55°C	62,00
57020300		Thermostat 60°C	62,00
57020800		Thermostat 65°C	62,00
57020400		Thermostat 70°C	62,00
57020500		Thermostat 75°C	62,00
57020600	VTC952	Thermometer, 3pcs	127,00
57020700	VTC953	Insulation, ≥ DN32	86,00

Options series VTC300

Art. No.	Reference	Designation	GBP/pcs
57000600	VTC931	Thermostat 42°C	52,00
57000100		Thermostat 45°C	52,00
57000700		Thermostat 50°C	52,00
57000200		Thermostat 55°C	52,00
57000300		Thermostat 60°C	52,00
57000400		Thermostat 70°C	52,00
57000500		Thermostat 80°C	52,00

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

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MOTORIZED DIVERTING VALVE

Series VZC  3 s 



VZC162

External thread, PN6, IP20

Art. No.	DN	Kvs*	Connection	Note	GBP/pcs
43060600	15	3.5	G 3/4"	1)	184,00
43060700	20	6.0	G 1"	2)	165,00
43060800			G 1"	1)	184,00

VZC263

Compression fitting, PN6, IP20

Art. No.	DN	Kvs*	Connection	Note	GBP/pcs
43061400	20	4.5	CPF 22 mm	1)	196,00
43061600	25	6.0	CPF 28 mm	1)	214,00

Series VRG230 + ARA645  30 s 



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	342,00
13023600	32	16	G 1 1/2"		355,00
13023700	40	30	G 2"		398,00

MOTORIZED DIVERTING VALVE

Series VZD  3 s 



VZD161

Internal thread, PN6, IP40

Art. No.	DN	Kvs*	Connection	Note	GBP/pcs
43080100	20	6.0	Rp 3/4"	3)	184,00

VZD162

External thread, PN6, IP40

Art. No.	DN	Kvs*	Connection	Note	GBP/pcs
43080300	15	3.5	G 3/4"	3)	184,00
43080400	20	6.0	G 1"		184,00

VZD263

Compression fitting, PN6, IP40

Art. No.	DN	Kvs*	Connection	Note	GBP/pcs
43080700	20	4.5	CPF 22 mm	3)	196,00
43080800	25	6.0	CPF 28 mm		214,00

ESBE ACCESSORIES CABLES

Options series VZC, VZD



Art. No.	Reference	Designation	GBP/pcs
46050300	ALZ801	Cable, loose version IP20, 3-wire	38,00

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	128,00
31600200				50°C	128,00
31600300				60°C	128,00

Series VTD500



VTD582

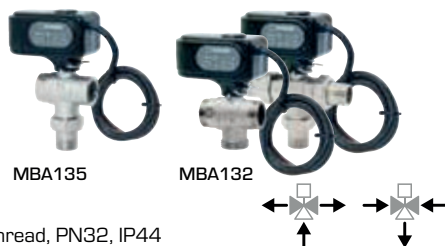
External thread, PN10

Art. No.	DN	Kvs	Connection	Change-over point	GBP/pcs
31580100	20	2.8	G 1"	42-52°C	168,00

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)	196,00
43102200	25	11.3	G 1"	G 1"	G 1"		211,00

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"		195,00
43102600	25	11.3	G 1 1/4"	G 1 1/4"	G 1 1/4"		208,00

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"		211,00
43102800	25	11.3	G 1"	G 1"	G 1"		235,00

Series ZRS  15s  



ZRS234

Internal thread, PN16, IP44

Art. No.	DN	Kvs	Max. differential pressure [kPa]	Connection	GBP/pcs
43123100	15	3.2	150	G 1/2"	139,00
43123200	20	4.6		G 3/4"	141,00
43123300	25	5.7	100	G 1"	145,00
43123400	32	8.4		G 1 1/4"	193,00



Legend

 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>



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"		176,00
43100200	25	60	G 1"	G 1"		186,00
43100300	32	100	G 1 1/4"	G 1 1/4"		196,00

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)	184,00
43100500	25	60	G 1"	G 1"		196,00
43100600	32	100	G 1 1/4"	G 1 1/4"		209,00

MBA122

External thread, PN32, IP44

Art. No.	DN	Kvs	Connections		Note	GBP/pcs
			A	B		
43101100	15	20	G 3/4"	G 3/4"		171,00
43101200	20	45	G 1"	G 1"		177,00
43101300	25	60	G 1 1/4"	G 1 1/4"		189,00
43101400	32	100	G 1 1/2"	G 1 1/2"		203,00

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"		184,00
43100800	20	45	G 3/4"	G 3/4"		190,00
43100900	25	60	G 1"	G 1"		211,00
43101000	32	100	G 1 1/4"	G 1 1/4"		226,00

Series ZRS  15s  



ZRS224

Internal thread, PN16, IP44

Art. No.	DN	Kvs	Max. differential pressure [kPa]	Connection	GBP/pcs
43122100	15	3.2	200	G 1/2"	131,00
43122200	20	4.6		G 3/4"	136,00
43122300	25	5.7	100	G 1"	140,00
43122400	32	10		G 1 1/4"	184,00

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"	295,00
31400200	45-65°C			295,00
31400300	50-75°C			295,00

VTR522

External thread, PN10

Art. No.	Temp. range	Kvs	Connection		GBP/pcs
31400400	45-65°C	3.5	R 3/4"	R 1"	400,00
31400500	50-75°C		R 3/4"	R 1"	400,00

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"	147,00

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"	443,00

SOLAR KIT Series VMC300



VMC322

External thread, PN10

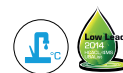
Art. No.	Temperatures		Kvs	Connection*	GBP/pcs
	Opening	Mixing			
31521000	45°C	35-60°C	1.5	G 1"	285,00

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)	351,00

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	—	—	135,00
31502600				1.0	10	162,00
31502100	20	1.6	CPF 22 mm	—	—	140,00
31502200				0.6	6	162,00
31502300				0.7	7	162,00
31502400				0.9	9	162,00
31502500				1.0	10	162,00



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	402,00

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



THERMOSTATIC MIXING VALVE

Basic series VTA320, VTA520



VTA321 LF

Internal thread, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
32100800	35 - 60°C	1.6	Rp 3/4"		124,00

VTA322 LF

External thread, PN10

Art. No.	Temp. range	Kvs	Connection *	Note	GBP/pcs
32100600	35 - 60°C	1.5	G 3/4"		119,00
32101000		1.6	G 1"		123,00

VTA321

Internal thread, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31100300	20 - 43°C	1.5	Rp 1/2"		103,00
31100700		1.6	Rp 3/4"		108,00
31100400	35 - 60°C	1.5	Rp 1/2"		103,00
31100800		1.6	Rp 3/4"		106,00

VTA322, VTA522

External thread, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection *	GBP/pcs
31102800	VTA322	20 - 43°C	1.2	G 1/2"	99,00
31100500			1.5	G 3/4"	103,00
31100900			1.6	G 1"	105,00
31620100	VTA522	20 - 43°C	3.2	G 1"	158,00
31620400			3.5	G 1 1/4"	163,00
31102900	VTA322	35 - 60°C	1.2	G 1/2"	99,00
31100600			1.5	G 3/4"	101,00
31101000	VTA522	35 - 60°C	1.6	G 1"	105,00
31620200			3.2	G 1"	158,00
31620500	VTA522	45 - 65°C	3.5	G 1 1/4"	163,00
31103200			3.2	G 1"	158,00
31620300	VTA522	50 - 75°C	3.2	G 1"	158,00
31620600			3.5	G 1 1/4"	163,00

VTA323

Compression fitting, PN10



Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31102600	20 - 43°C	1.2	CPF 15 mm	2)	104,00
31100100		1.5	CPF 22 mm		113,00
31102700	35 - 60°C	1.2	CPF 15 mm	2)	104,00
31103900		1.5	CPF 18 mm		108,00
31100200		1.5	CPF 22 mm	2)	111,00



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"		189,00
31621000		3.4	G 1 1/4" R 1"		217,00
31620800	45 - 65°C	3.0	G 1" R 3/4"	1)	189,00
31621100		3.4	G 1 1/4" R 1"		217,00
31620900	50 - 75°C	3.0	G 1" R 3/4"		189,00
31621200		3.4	G 1 1/4" R 1"		217,00

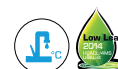
VTA523

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)	214,00
31621700	45 - 65°C	3.4	G 1 1/4" CPF 28mm		214,00

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"		108,00

VTA352, VTA552

External thread, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection *	GBP/pcs
31660100	VTA552	20 - 43°C	3.2	G 1"	158,00
31660400			3.5	G 1 1/4"	163,00
31105000	VTA352	35 - 60°C	1.5	G 3/4"	103,00
31105100			1.6	G 1"	108,00
31660200	VTA552	45 - 65°C	3.2	G 1"	158,00
31660500			3.5	G 1 1/4"	163,00
31660300	VTA552	50 - 75°C	3.2	G 1"	158,00
31660600			3.5	G 1 1/4"	163,00

» 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**

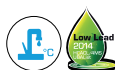
External thread with integrated check valves, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31106100	35 - 60°C	1.5	G 1"	1)	115,00

VTA353

Compression fitting, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31105200	35 - 60°C	1.5	CPF 22 mm		153,00

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"		163,00
31150700			1.2	G ¾"		177,00
31150900	VTA332	35 - 60°C	1.3	G 1"		163,00

**VTA362**

External thread, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection *	Note	GBP/pcs
31151400	VTA362	32 - 49°C	1.2	G ¾"		128,00
31151100			1.2	G ¾"		128,00
31151200	VTA362	35 - 60°C	1.3	G 1"		135,00

THERMOSTATIC MIXING VALVE
 Basic series VTA350
**VTA353**

External thread with adapters, PN10

Art. No.	Ref.	Temp. range	Kvs	Connection	Note	GBP/pcs
31106412	VTA353	32 - 49°C	1.5	CPF 22 mm	1)	POA
31106413				CPF 15 mm		POA

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"		188,00
31720300		3.5	G 1¼"		194,00
31720200	50 - 75°C	3.2	G 1"		188,00
31720400		3.5	G 1¼"		194,00

**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)	218,00

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"		188,00
31740300		3.5	G 1¼"		194,00
31740200	50 - 75°C	3.2	G 1"		188,00
31740400		3.5	G 1¼"		194,00

**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"		213,00
31740700		3.4	G 1¼" R 1"		238,00
31740600	50 - 75°C	3.0	G 1" R ¾"		213,00

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"		73,00

**VTA313**

Compression fitting, PN10

Art. No.	Temp. range	Kvs	Connection	Note	GBP/pcs
31050100	35 - 60°C	1.2	CPF 15 mm		90,00
31050400		1.5	CPF 22 mm	2)	91,00
31050500	30 - 70°C	1.5	CPF 22 mm		93,00

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)

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"	164,00
31700400			4.8	G 1 1/4"	174,00
31200100	VTA372	20 - 55°C	3.4	G 1"	122,00
31200400		30 - 70°C	3.4	G 1"	122,00
31702100	VTA572	20 - 55°C	4.5	G 1"	164,00
31702200			4.8	G 1 1/4"	174,00
31702500	VTA572	30 - 70°C	4.5	G 1"	164,00
31702600			4.8	G 1 1/4"	174,00

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"	147,00
31702300	VTA577		4.5		202,00

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"	130,00
31702400	VTA578		4.5		174,00

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"		120,00

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"	252,00
31280200	VTE512		4.8	G 1 1/4"	356,00

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)	76,00

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)	42,00
36552400	KTD312			6)	51,00
36552300	KTD212	G 1 1/4"	R 1"	5)	71,00
36552500	KTD312			6)	75,00



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



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 + NF079 (France) 5) 3 connections/package, One check valve included 6) 3 connections/package, Two check valves included



CONTROL VALVE Series VLF100



VLF135 3-Way Control Valve PN16

Art. No.	Reference	DN	Kvs	Note	GBP/pcs
21001200	VLF135	20	6.3	1), 2)	334,00
21001300		25	10		335,00
21001400		32	16		421,00
21001500		40	25		529,00
21001600		50	38		625,00

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)	147,00
21150200		2.5			147,00
21150300		4			147,00
21150400	20	6.3	Rp 3/4"		164,00
21150500	25	10	Rp 1"		184,00
21150600	32	16	Rp 1 1/4"		213,00
21150700	40	25	Rp 1 1/2"		234,00
21150800	50	38	Rp 2"		324,00

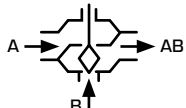


Valve operation overview

2-way valve



3-way valve



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)	165,00
21151000		2.5			165,00
21151100		4			165,00
21151200	20	6.3	Rp 3/4"		177,00
21151300	25	10	Rp 1"		201,00
21151400	32	16	Rp 1 1/4"		222,00
21151500	40	25	Rp 1 1/2"		264,00
21151600	50	38	Rp 2"		361,00

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)	253,00
21200200			2.5		253,00
21200300			4		253,00
21200400		20	6.3		271,00
21200500		25	10		300,00
21200600		32	16		366,00
21200700		40	25		392,00
21200800		50	38		478,00
21220100	VLB325	65	63	3)	1.008,00
21220200		80	100	4)	1.269,00
21220300		100	130		1.739,00
21220400		125	200		2.508,00
21220500		150	300		3.402,00



VLA335, VLB335 3-Way Control Valve PN16

Art. No.	Reference	DN	Kvs	Note	GBP/pcs
21200900	VLA335	15	1.6	1), 2)	276,00
21201000			2.5		276,00
21201100			4		276,00
21201200		20	6.3		316,00
21201300		25	10		335,00
21201400		32	16		406,00
21201500		40	25		507,00
21201600		50	38		603,00
21221100	VLB335	65	63	3)	863,00
21221200		80	100	4)	1.140,00
21221300		100	130		1.642,00
21221400		125	200		2.445,00
21221500		150	300		3.214,00



Further technical information

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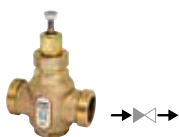
Scan the QR-code and go to address <https://esbe.eu/group/products>



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

CONTROL VALVE

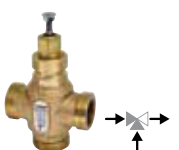
Series VLE100, VLE200



VLE122

2-Way Control Valve PN16

Art. No.	DN	Kvs	Connection*	Note	GBP/pcs
21250100	15	0.25	G 1"	1)	261,00
21250200		0.4			261,00
21250300		0.63			261,00
21250400		1			261,00
21250500		1.6			261,00
21250600		2.5			261,00
21250700		4			261,00
21250800	20	6.3	G 1 1/4"	1)	291,00
21250900	25	10	G 1 1/2"		336,00
21251000	32	16	G 2"		389,00
21251100	40	25	G 2 1/4"		491,00
21251200	50	38	G 2 3/4"		580,00



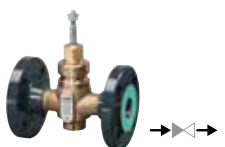
VLE132

3-Way Control Valve PN16

Art. No.	DN	Kvs	Connection*	Note	GBP/pcs
21251300	15	1.6	G 1"	1)	261,00
21251400		2.5			261,00
21251500		4			261,00
21251600	20	6.3	G 1 1/4"	1)	292,00
21251700	25	10	G 1 1/2"		337,00
21251800	32	16	G 2"		389,00
21251900	40	25	G 2 1/4"		491,00
21252000	50	38	G 2 3/4"		604,00

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)	402,00
21400400			2.5		402,00
21400700		25	1.6		402,00
21400800			2.5		402,00
21400900			4		429,00

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)	384,00
21300200			0.4		384,00
21300300			0.63		384,00
21300400			1		384,00
21300500			1.6		384,00
21300600			2.5		384,00
21300700			4		384,00
21300800		20	6.3	1)	470,00
21300900		25	10		470,00
21301000		32	16		537,00
21301100		40	25		580,00
21301200		50	38		695,00

VLC225

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

Art. No.	Reference	DN	Kvs	Note	GBP/pcs
21301300	VLC225	25	10	1)	580,00
21301400		32	16		695,00
21301500		40	25		809,00
21301600		50	38		968,00

ESBE ACCESSORIES

CONNECTION KITS

Options valves DN15-50



KT B112

Fittings Internal thread, PN16

Art. No.	Valve thread	Connection Ød	Note	GBP/pcs
26100700	G 1"	Rp 1/2"	3), With internal thread	17,00
26100800	G 1 1/4"	Rp 3/4"		13,00
26100900	G 1 1/2"	Rp 1"		15,00
26101000	G 2"	Rp 1 1/4"		24,00
26101100	G 2 1/4"	Rp 1 1/2"		29,00
26101200	G 2 3/4"	Rp 2"		43,00

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

Prop. / 3-P

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)	475,00
22200200	ALF261		1000		576,00
22200300	ALF361		1500	2)	868,00
22200400	ALF461	60	2220		1.251,00

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)	475,00
22201200	ALF264		1000		576,00
22201300	ALF364		1500	2)	868,00
22201400	ALF464	60	2220		1.251,00

ACTUATOR Series ALB100

Prop. / 3-P

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)	925,00

ESBE ACCESSORIES

STEM HEATER

Options actuators



Art. No.	Reference	For	Operating voltage	GBP/pcs
26201200	ALF802	ALFxxx, ALBxxx, ALHxxx, ALAxxx*	24V AC, 50W	221,00

END POSITION CONTACTS

Options actuators



Art. No.	Reference	For	Switching capabilities	Note	GBP/pcs
26200700	ALB841	ALBxxx	4A @ 24V AC/DC		176,00
26201100	ALF801	ALFxxx	4A @ 24V AC/DC	5)	101,00

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	45,00



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ADAPTOR KITS

Options ESBE actuators to other valves

Art. No.	Ref.	Actuator				Designation	Fits valves with the following features. Note 6)	GBP/pcs
		ALA*	ALB	ALF13x	ALF26x, ALF36x, ALF46x			
26001100	ALA827	•	•	•	•	Osby/Regin MTV/MTVS, MTR/MTRS, 2SA/2SB, FRS, GTR/RTV/BTRV, GTVS/RTVS, GTRS/RTRS	Neck Rp1"	112,00
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...		161,00

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 6) More information can be found in the installation instruction.



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"	56,00
36401100		20	3.5	CPF 22 mm G 1/2"	62,00

FILLING VALVE Series VFA200

VFA203 Compression fitting, PN16

Art. No.	DN	Kvs	Connection	Note	GBP/pcs
36301100	15	2.3	CPF 15 mm		43,00

DRAINING VALVE Series VDA100

VDA102 External thread, PN16

Art. No.	DN	Connection	Note	GBP/pcs
36200100	15	G 1/2"	G 1/2"	17,00

VACUUM VALVE Series VVA100

VVA100 External thread, PN10

Art. No.	DN	Connection	Note	GBP/pcs
36100100	15	G 1/2"		17,00

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	7,00
36500400	20	4.0	2.5	2.3	2.0	7,00

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	18,00
36020400	0.9	9.0						18,00
36020500	1.0	10.0						18,00

CONTACT THERMOSTAT

Series TSA100



TSA121
IP40



TSA122
IP30



TSA112
IP30

Art. No.	Ref.	Control range	Contacts rating	Note	GBP/pcs
86900100	TSA121	40 - 70°C ± 5°C	[C-2] 10A	A)	43,00
86900200	TSA122	20 - 90°C	[C-1] 10A/ [C-2] 6A 250V AC	B)	29,00
86900300	TSA112	20 - 90°C		A)	29,00

IMMERSION ADJUSTABLE THERMOSTAT

Series TIA100



TIA122

Art. No.	Ref.	Immersion sleeve [mm]	Connection	Note	GBP/pcs
86901100	TIA122	100	G 1/2"		43,00
86901200		200			46,00

IMMERSION DOUBLE THERMOSTAT

Series TIB100



TIB121

Art. No.	Ref.	Immersion sleeve [mm]	Connection	Note	GBP/pcs
86902100	TIB121	100	G 1/2"		72,00

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

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ROTARY VALVES

Series VRG, VRB, VRH



VRG130, VRG330



VRG140, VRB140

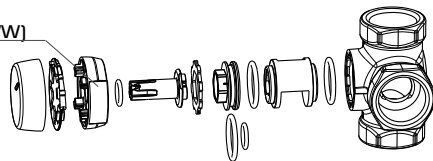


VRG230



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	52,00	VRG803	17006940	27,00
	116010xx - 116011xx 116024xx - 116025xx 116031xx	25			17006910	52,00			
	116012xx, 116026xx 116034xx - 116035xx	32/40	1), 3)		17006920	52,00			
	116013xx - 116014xx 116027xx - 116028xx	40/50	2), 4)		17006930	48,00			
	116036xx - 116037xx	50	1), 5)		17006950	52,00			
VRH130	117201xx - 117203xx	20		VRG802	17006910	52,00	VRG803	17006940	27,00
VRG140	116401xx - 116403xx 116408xx - 116410xx	15/20		VRG802	17006900	52,00	VRG803	17006940	27,00
	116404xx, 116411xx	25			17006910	52,00			
	116405xx, 116412xx 116415xx - 116416xx	32/40	1), 3)		17006920	52,00			
	116406xx - 116407xx 116413xx - 116414xx	40/50	2), 4)		17006930	48,00			
	116417xx - 116418xx	50	1), 5)		17006950	52,00			
VRG230	116201xx, 116206xx, 116211xx - 116212xx	20		VRG802	17006900	52,00	VRG803	17006940	27,00
	116202xx, 116207xx, 116213xx	25			17006910	52,00			
	116203xx, 116208xx 116214xx - 116215xx	32/40	1), 3)		17006920	52,00			
	116204xx - 116205xx 116209xx - 116210xx	40/50	2), 4)		17006930	48,00			
	116216xx - 116217xx	50	1), 5)		17006950	52,00			
VRG330	117001xx, 117006xx	20		VRG802	17006900	52,00	VRG803	17006940	27,00
	117002xx, 117007xx	25			17006910	52,00			
	117003xx, 117008xx 117011xx - 117012xx	32/40	1), 3)		17006920	52,00			
	117004xx - 117005xx 117009xx - 117010xx	40/50	2), 4)		17006930	48,00			
	117013xx - 117014xx	50	1), 5)		17006950	52,00			
VRB140	116601xx - 116602xx 116608xx - 116609xx 116615xx - 116616xx	15/20		VRG802	17006900	52,00	VRG803	17006940	27,00
	116604xx, 116611xx, 116617xx	25			17006910	52,00			
	116605xx, 116612xx 116620xx - 116621xx	32/40	1), 3)		17006920	52,00			
	116606xx - 116607xx 116613xx - 116614xx	40/50	2), 4)		17006930	48,00			
	116622xx - 116623xx	50	1), 5)		17006950	52,00			

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	163,00

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

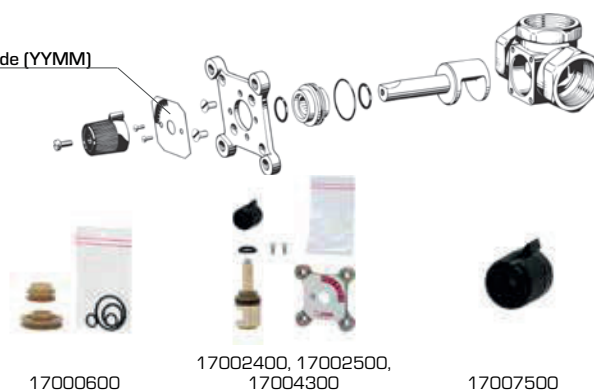


3MGP



3HG

Date code [YYMM]



17000600

17002400, 17002500,
17004300

17007500

Applies to			Interior complete			Handle knob/Lever			Jointing set									
Valve type	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	150,00	MG	17007500	23,00	MG	17000600	36,00							
	11000200																	
	11000300																	
	11000400																	
	11000500																	
	11000700																	
	11001100																	
	11001600																	
11002100																		
11002300																		
3MGP15 – 3MGP25 [Kvs 2.5–8]	11005500		3MG-2	17002500	150,00													
	11005600																	
	11002000																	
3MG25 -12 3MG32 -18 [Kvs 12–18]	11002400																	
	11002700																	
3MGP32 [Kvs 18]	11005700																	
3HG25	11350500		3HG	17004300	171,00													
	11351200*																	

ROTARY VALVES

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



4MG



4HG



TM



5MG



BIV20

Date code [YYMM]



17000600

17003700, 17003800,
17004100, 17004200,
17004400

17007500

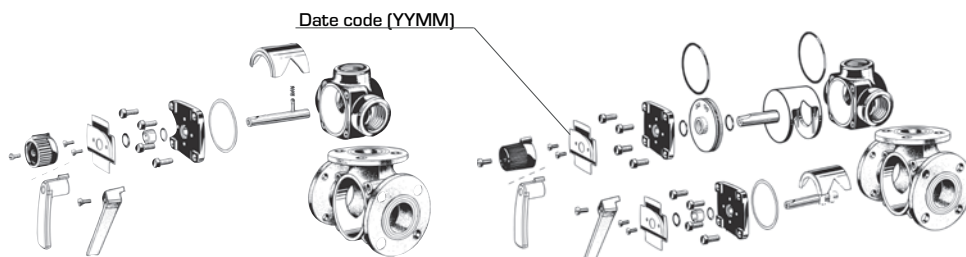
Applies to			Interior complete			Handle knob/Lever			Jointing set		
Valve type	Art.No.	up to {YYMM}	Ref.	Art.No.	GBP/ pcs	Ref.	Art.No.	GBP/pcs	Ref.	Art.No.	GBP/pcs
4MG15 – 4MG25 {Kvs 2.5–8}	11003400 11003600 11003900 11004200		4MG-1	17003800	141,00	MG	17007500	23,00	MG	17000600	36,00
4MG25 -12 4MG32 -18 {Kvs 12–18}	11004700 11004900		4MG-2	17004100	162,00						
4HG25 -8, cc 90 mm 4HG25 -6.3, cc 125 mm	11350100 11350200		TM/HG-1**	17003700	141,00						
4HG25 -10, cc 125 mm	11350800 11351100*		TM-2/HG-2	17004200	181,00						
TM22	11300400	9412	TM/HG-1	17003700	141,00						
TM20	11300400		TM-2/HG-2	17004200	181,00						
5MG25 -8 5MG32 -18	11005200 11005300		—								
BIV20 BIV22	11450100 11450300		BIV20-22	17004400	219,00						

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

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ROTARY VALVES

Series 3G, 3F, 3H



17000300



17000400



17000800

17001100, 17001400,
17001700, 17001800,
17002000, 17002100, 17004500

98080120

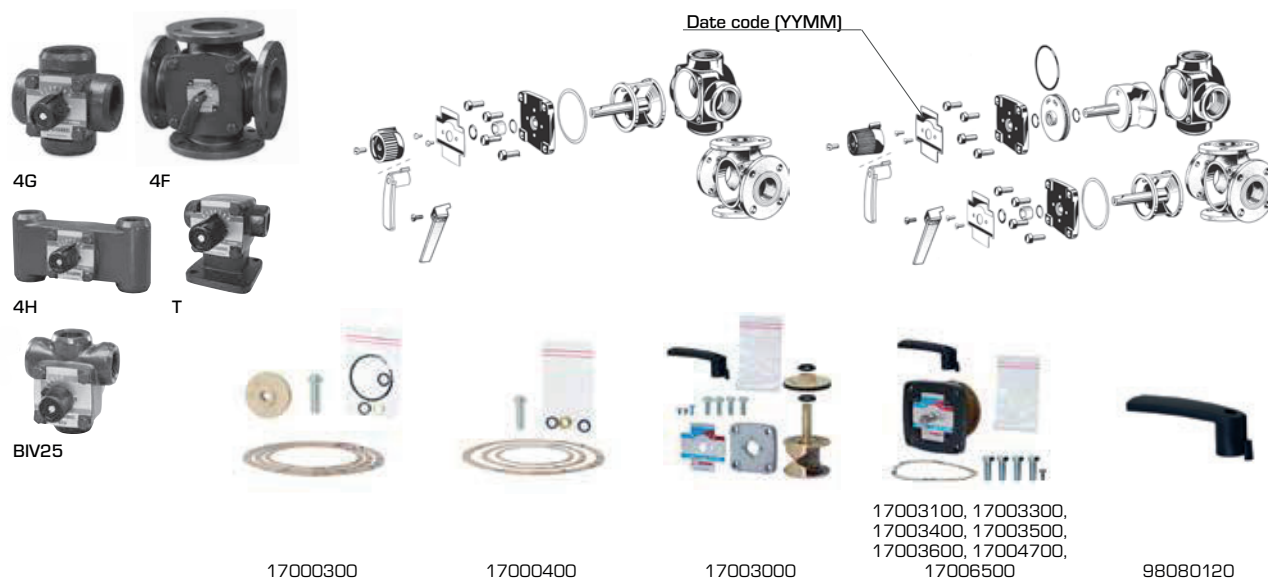
Applies to			Interior complete			Handle knob/Lever			Jointing set		
Valve type	Art.No.	up to {YYMM}	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs	Reference	Art.No.	GBP/pcs
G119 - 138	11050100 11050200 11050300 11050400	9605	K1C	17000800	186,00	Lever*	98080120	14,00	No. 1 (DN 20-65)	17000300	49,00
G151	11050600	9612	K2A-S	17001100	337,00						
F120-125	110 - 111	9605	K1C	17000800	186,00						
F132-140	112 - 113	9612	K2A-S	17001100	337,00				No. 2 (DN 80-150)	17000400	49,00
F150-165	11100600 115	9012	—								
F180	116		—								
F1100	117		K5A-S	17001800	865,00						
F1125	118		—								
F1150	119		K6-S	17002100	1.367,00				No. 1 (DN 20-65)	17000300	49,00
3H25	11351500		3H25	17004500	389,00						

Applies to			Interior complete			Handle knob/Lever			Jointing set		
Valve type	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	186,00	Lever	98080120	14,00	No. 1 (DN 20-65)	17000300	49,00
3G50	11050600	9701	K2A-S	17001100	337,00				No. 2 (DN 80-150)	17000400	49,00
3F20 - 25	11100100 11100200	9606	K1C	17000800	186,00						
3F32 - 40	11100300 11100400	9701	K2A-S	17001100	337,00						
3F50 - 65	11100600 11100800	9101	K3A-S	17001400	440,00						
3F80	11101000		K4-S	17001700	685,00						
3F100	11101200		K5A-S	17001800	865,00						
3F125	11101400		K5B-S	17002000	1.042,00						
3F150	11101600		K6-S	17002100	1.367,00						
3H32 - 40	11351700 11351900		3H32-40	17004600	389,00				No. 1 (DN 20-65)	17000300	49,00

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

ROTARY VALVES

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



Applies to			Interior complete			Handle knob/Lever			Jointing set		
Valve type	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	186,00	Lever*	98080120	14,00	No. 1 (DN 20-65)	17000300	49,00
G451	11051600		V2A	17003100	361,00						
F432-440	11101700 11101800		—								
F450-465	11101900 11102000		—						No. 2 (DN 80-150)	17000400	49,00
F480	11102100		V4	17003400	736,00						
F4100 - 4125	11102200 11102300		V5	17003500	821,00						
F4150	11102400		—								

Applies to			Interior complete			Handle knob/Lever			Jointing set		
Valve type	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	186,00	Lever	98080120	14,00	No. 1 (DN 20-65)	17000300	49,00
4G50	11051600		V2A	17003100	361,00						
4F32 - 40	11101700 11101800		—								
4F50 - 65	11101900 11102000		—								
4F80	11102100		V4	17003400	736,00				No. 2 (DN 80-150)	17000400	49,00
4F100 - 125	11102200 11102300		V5	17003500	821,00						
4F150	11102400		—								
4H20 - 25	11351300 11351400		V1T	17006500	184,00						
4H32 - 40	11351800 11352000		4H32 - 40	17004700	389,00				No. 1 (DN 20-65)	17000300	49,00
T20 - 32	11300900 11301000 11301100		V1T	17006500	184,00						
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



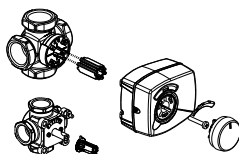
Applies to			Type	Note	Reference	Art.No.	GBP/ pcs
DN20	DN25	DN32					
•			Pump Wilo RSTG 15/7.5	for 61003100, 61023100, 61043100	GSP931	67003100	455,00
•			Pump Wilo PARA 15-130/8-75/SC	for Dxx versions		67005100	420,00
	•		Pump Wilo PARA 25/6	for Gxx2x1 versions	GSP951	67005200	458,00
		•	Pump Wilo PARA 25/8			67005300	486,00
•			Pump Wilo STG 15/8	for 61003200, 61023200, 61043200	GSP932	67005600	455,00
	•	•	Pump Wilo STG 25/8	for GRC2x1 versions	GSP953	67005700	455,00
	•		Pump Wilo RKA 25/6	for Gxx1x1 versions		67000100	458,00
		•	Pump Wilo RKA 25/7.5			67000300	486,00
	•		Pump Grundfos UPM3 25-50	for Gxx1x2 versions	GSP901	67000400	512,00
		•	Pump Grundfos UPM3 HYBRID 25-70	for GRC2x2 versions		67000500	541,00
	•	•	Pump Grundfos UPM3 HYBRID 25-70			67005400	512,00
	•		Pump Grundfos UPM3 AUTO 25-50		GSP952	67005500	541,00
		•	Pump Grundfos UPM3 AUTO 25-70			67000600	101,00
•	•	•	Thermometer upgr set, 2 pcs/package		GSP903	67003300	166,00
•			Ball valves incl thermometer DN20 G 3/4", 2 pcs/package			67003800	166,00
•			Ball valves incl thermometer DN20 G 1", 2 pcs/package		GSP933	67003500	91,00
•			Ball valve DN 20, 1 pcs/package			67003400	200,00
	•		Ball valves incl thermometer DN 25, 2 pcs/package		GSP911	67004000	205,00
		•	Ball valves incl thermometer DN 32, 2 pcs/package			67000700	19,00
	•	•	Adaptor kit valve/actuator (ARA/CRx) for circulation unit		GSP912	67006100	211,00
•			ARA661 quickfit with cable	for Dxx versions	GSP961	67003000	179,00
•			Insulation circulation unit DN 20		GSP930	67004400	194,00
	•	•	Insulation circulation unit DN 25/32			67002000	179,00
	•	•	Insulation circulation unit Flexi		GSP910		

ROTARY ACTUATORS

Series ARA600, M60



ARA600



M60

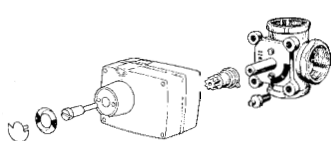


16000500



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	12,00	ARA902	17050600	26,00



16000100



98080690

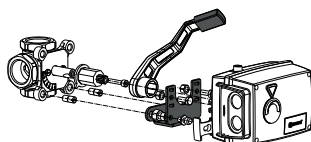
Applies to		Adaptor kit			Shaft coupling		
Actuator type	Valves series	Reference	Art.No.	GBP/ pcs	Reference	Art.No.	GBP/ pcs
60	MG, G, F, BIV, T, TM, H, HG	600	16000100	15,00	600	98080690	7,00

ROTARY ACTUATORS

Series M90



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	22,00	900	98180570	7,00
	MG, G, F, BIV, T, TM, H, HG	900	16051300	17,00			

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	VRG, VRB, VRH	VRG804	16053700	22,00
90C-2				
90C-3	MG, G	900-270	16053400	17,00
95-1C				

17050900,
17051100

17050800



17050700

Applies to		Sensors		
Controller type	Type	Reference	Art.No.	GBP/pcs
90C-1 90C-2 90C-3	Room sensor	CRS231	17050700	296,00
	Flow pipe sensor	CRS211	17050800	90,00
	Universal sensor	CRS213	17050900	90,00
	Outdoor sensor	CRS214	17051000	114,00
	High temperature sensor	CRS215	17051100	238,00



16053300



16051300



98180570

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	22,00	900	98180570	7,00
	MG, G, F, BIV, T, TM, H, HG	900	16051300	17,00			

FRESH HYDRO UNIT

Series FSK



FSK101



64040100



64040200



64040300



64040400

Type	Reference	Art.No.	GBP/pcs
Heat exchanger PBU11/41	FSK908	64040100	601,00
Pump Yonos Para HU 25/7,5	FSK901	64040200	658,00
Hydro control	FSK907	64040300	1.063,00
Gasket kit	FSK904	64040400	30,00
Sensor Grundfos	FSK905	64040500	320,00
Actuator ESBE SLB239	FSK906	64040600	355,00
Sensor PT1000	FSK909	64040700	88,00



64040500



64040600



64040700

CONTROLLERS

Series CRx, CUA



CRAx1x, CRB, CRC, CRD, CRS



16000500



16053300



16051300



CRAx20



17053100



17053300



17054100



CUA



17055100



17055300, 17055500



17055700



17056000

Applies to Controller type						Adaptor kits			
CRA11x	CRA12x	CRB	CRC	CRD	CRS	Applies to valves series	Reference	Art.No.	GBP/pcs
•		•	•	•	•	VRG, VRB, VRH, MG, G, F, BIV, T, TM, H, HG	ARA803	16000500	12,00
	•					VRG, VRB, VRH	VRG801	16053300	22,00
	•					MG, G, F, BIV, T, TM, H, HG	900	16051300	17,00

Applies to Controller type						Sensors, adaptors, cables etc.			
CRA11x, CRA12x	CRB	CRC	CRD	CRS	CUA	Type	Reference	Art.No.	GBP/pcs
•	•	•	•		•	Flow pipe sensor, 5m cable	CRA911	17053100	72,00
•	•	•	•	•	•	Voltage adaptor, 230V – 24V	CRA912	17053300	48,00
	•	•			•	Communication cable, 20m	CRB914	17055700	73,00
		•	•			Outdoor sensor	CRC911	17056000	113,00
				•		Flow pipe sensor [CRS]	CRS911	17052000	122,00
	•		•			Controller (CRB122/CRD122 without room unit)	CRB911	17055100	784,00
	•				•	Room unit, cable	CRB912	17055300	322,00
	•		•		•	Room unit, wireless	CRB913	17055500	460,00
					•	Controller (CUA110 without room unit)	CUA911	17054100	539,00

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	52,00
	45°C		57000100	52,00
	50°C		57000700	52,00
	55°C		57000200	52,00
	60°C		57000300	52,00
	70°C		57000400	52,00
	80°C		57000500	52,00

Applies to Valve type	Exchange kit			
	Type	Reference	Art.No.	GBP/pcs
VTC412	50°C	VTC941	57080100	117,00
	55°C		57080200	117,00
	60°C		57080300	117,00
	65°C		57080400	117,00
	70°C		57080500	117,00
VTC422	50-70°C	VTC942	57080600	117,00

SOLID FUEL PRODUCTS

Series LTC100, LTC200, LTC300, VTC500



LTC100

LTC200

LTC300



57061400



57020700

57020100 -
5702050057020600,
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	62,00
•	•	•	•	•	Thermostat 55°C		57020200	62,00
•	•	•	•	•	Thermostat 60°C		57020300	62,00
•	•	•	•	•	Thermostat 65°C		57020800	62,00
•	•	•	•	•	Thermostat 70°C		57020400	62,00
•	•	•	•	•	Thermostat 75°C		57020500	62,00
•	•		•	•	Thermometer, 3pcs	VTC952	57020600	127,00
		•			Thermometer, 3pcs	LTC952	57061300	120,00
		•			Insulation, complete in two parts	LTC953	57061400	66,00
				•	Insulation, ≥ DN32, complete in two parts	VTC953	57020700	86,00
•	•	•	•	•	Jointing set VTC/LTC, 3pcs of fibre gasket 1½"	LTC922	57020900	29,00
		•			Pump Yonos Para 4-20	LTC934	57061500	430,00
		•			Pump Yonos Para 6-43		57061600	471,00
		•			Pump Yonos Para 8-60		57061700	524,00
•	•	•			Non-return insert	LTC921	57060400	39,00
•	•	•	•	•	Shut-off valves / Adapters 1½" x 1" 3pcs	LTC801	57060500	118,00
•	•	•	•	•	Shut-off valves / Adapters 1½" x 1¼" 3pcs		57060600	121,00
•	•	•	•	•	Shut-off valves / Adapters 1½" x 1½" 3pcs		57060700	155,00
•	•	•	•	•	Shut-off valves / Adapters 1½" x 2" 3pcs		57060800	205,00
•	•	•	•	•	Shut-off valves / Adapters 1½" x CPF 28mm 3pcs		57060900	138,00

Series TV



TV

17006800 -
17007400

Valve type	Applies to		Interior complete		
	Art.No.		Type	Art.No.	GBP/pcs
TV45°C	11400600, 11401100, 11401500		45°C	17007300	212,00
TV55°C	11400700, 11401200, 11401600		55°C	17007400	212,00
TV60°C	11400400, 11400800, 11401300		60°C	17006800	212,00
TV72°C	11400100, 11400200, 11400300		72°C	17007000	212,00

Series ATA



ATA100



ATA200



57100100



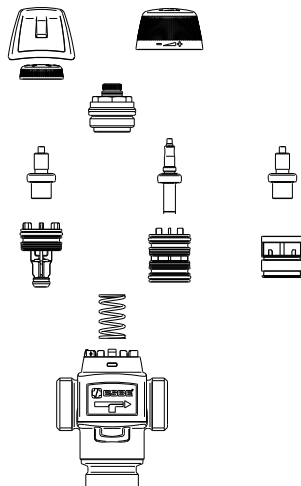
57100200

37202500,
37202600

Applies to Valve type		Type	Reference	Art.No.	GBP/pcs
ATA100	ATA200				
•	•	Fork	ATA901	57100100	30,00
•		Eccentric		57100200	29,00
	•	Thermostat 35 - 95°C	ATA902	37202500	42,00
	•	Thermostat 60 - 95°C		37202600	42,00

THERMOSTATIC MIXING VALVESSeries VTA300, VTA500, VTS500,
VTR300, VTR500, VTE300, VTE500

VTA300, VTE300



98080420

98080480



98080440



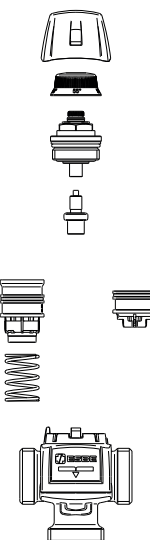
98082130

37000400, 37000500,
37000700, 37001300,
37001400, 37001500,
37001600, 3700200037000100, 37000200,
37000800, 3700090037001100,
37001200

Applies to		Exchange kit			
Valve type	Art. No.	Reference	Temp.	Art.No.	GBP/pcs
VTA310		VTA931	35 - 60°C	37000700	120,00
			30 - 70°C	37001400	148,00
VTA320		VTA932	35 - 60°C	37000400	104,00
			20 - 43°C	37000500	132,00
			45 - 65°C	37001500	127,00
			50 - 75°C	37001600	127,00
			30 - 70°C	37001300	148,00
VTA320 LF		VTA932 LF	35 - 60°C	37002000	130,00
VTA330		VTA933	35 - 60°C	37000100	150,00
			32 - 49°C	37000200	150,00
VTA350		VTA936	35 - 60°C	37000800	150,00
VTA360		VTA936	35 - 60°C	37000800	150,00
VTA370	31104400	VTA937	20 - 43°C	37001200	148,00
	31104000, 31104500		35 - 60°C	37001100	148,00
	31200100, 31200200, 31200300		20 - 55°C	37001700	148,00
	31200400		30 - 70°C	37001800	133,00
VTE300		VTE931	25°C	37160100	195,00

Applies to Valve type						Knob		
VTA 310	VTA 320	VTA 330	VTA 350	VTA 360	VTA 370	Ref.	Art.No.	GBP/pcs
	•	•	•	•	•*	VTA903	98080420	14,00
	•	•	•	•	•*		98080480	9,00
•							98080440	14,00
					•		98082130	14,00

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

VTA500, VTS500
VTE50037100400 - 37100600,
37100900 - 37101000,
37120300 - 37120400
37160100 - 3716020037100100 - 37100300,
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	129,00
			29 - 49°C	37101600	148,00
			45 - 65°C	37100200	129,00
			50 - 75°C	37100300	129,00
VTA550		VTA955	20 - 43°C	37100400	129,00
			45 - 65°C	37100500	129,00
			50 - 75°C	37100600	129,00
VTA530		VTA953	45 - 65°C	37100700	129,00
			35 - 50°C	37100800	129,00
VTA560		VTA956	45 - 65°C	37100900	129,00
			35 - 50°C	37101000	129,00
VTA570	VTA957		10 - 30°C	37101100	129,00
			20 - 43°C	37101200	129,00
			20 - 55°C	37101500	148,00
			45 - 65°C	37101300	129,00
			30 - 70°C	37101700	133,00
VTS520		VTS952	45 - 65°C	37120100	129,00
			50 - 75°C	37120200	129,00
VTS550		VTS955	45 - 65°C	37120300	129,00
			50 - 75°C	37120400	129,00
VTE500		VTE951	25°C	37160200	235,00



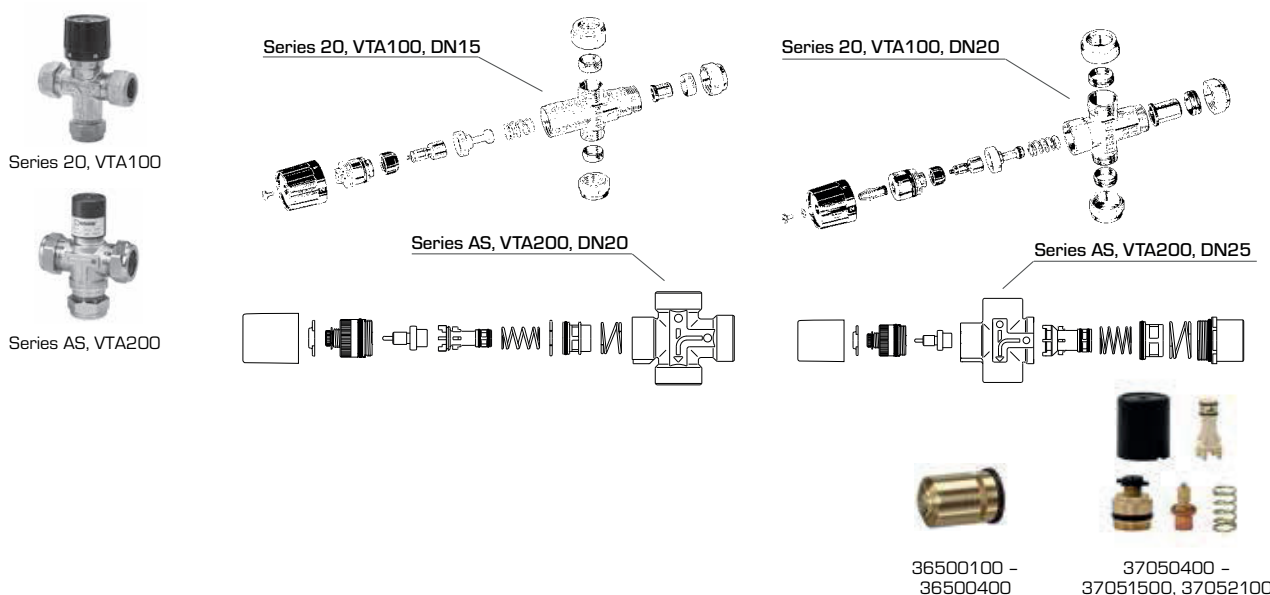
VTR300, VTR500

37202900,
37203000

Applies to Valve type	Type	Art.No.	GBP/pcs
VTR322	Check valve kit	37202900	43,00
VTR522	Check valve kit	37203000	43,00
VTR322	Knob	98080420	14,00
	Knob	98080480	9,00
	Exchange kit 35 - 60°C	37000400	104,00
	Exchange kit 45 - 65°C	37001500	127,00
VTR522	Exchange kit 50 - 75°C	37001600	127,00
	Exchange kit 45 - 65°C	37100200	129,00
	Exchange kit 50 - 75°C	37100300	129,00

THERMOSTATIC MIXING VALVES

Series 20, VTA100, AS, VTA200



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)	7,00	-	
	401L, 410L [411]	DN15 20 - 40°C							
	403, 404, 405, 414, 417, 418 (402, 406, 409)	DN20 38 - 65°C	-		36500400	2)	7,00	-	
	403L 404L	DN20 20 - 40°C						-	

Applies to			Check valve*				Exchange kit**		
Series	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)	7,00	VTA922	37050400	127,00
	470L - 475L	DN 20 - 25, Kv 1.6, 20 - 40°C						37050800	127,00
	470LX - 475LX	DN 20 - 25, Kv 1.6, 10 - 30°C						-	
		DN 20, Kv 1.6, 20 - 40°C					37052100	148,00	
	31301400	DN 20 - 25, Kv 1.6, 30 - 70°C	VTA972	37052000	148,00				
	31300100 (476), 31301200	DN25, Kv 3.0, 38 - 65°C	-	VTA922	37051000	127,00			
	31300700	DN25, Kv 3.0, 20 - 40°C			37051400	127,00			
	31300800	DN25, Kv 3.0, 10 - 30°C			37051500	139,00			

SOLAR KIT

Series VMC300, VMC500



Applies to Valve type		Type	Ref.	Art.No.	GBP/pcs
VMC300	VMC500				
•	•	Exchange kit 45°C	VTD911	37102000	104,00
•	•	Exchange kit 50°C		37102100	104,00
•	•	Exchange kit 60°C		37102200	104,00
•		Exchange kit, series VTA320, 35 - 60°C	VTA932	37000400	104,00
	•	Exchange kit, series VTS550, 45 - 65°C	VTS955	37120300	129,00
•		Thermostat 45°C	VTC931	57000600	52,00

VALVE MANIFOLD

Series VMB400



Applies to	Type	Art.No.	GBP/pcs
VMB400	Valve 35 - 60°C	31350500	106,00

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	104,00
•			Exchange kit 50°C		37102100	104,00
•			Exchange kit 60°C		37102200	104,00
•			Exchange kit 70°C		37102300	104,00
	•		Exchange kit, 40 - 52°C	VTD958	37102400	129,00
		•	Exchange kit 55°C	VTF932	37180100	127,00

Series VZA, VZB, VZC, VZD



VZA, VZB, VZC, VZD

46050300 -
4605040047050200 -
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	38,00
•	•	•	•	•	Actuator, 2-point 230V IP40	ALZ960		47050200	207,00
•	•	•	•	•	Actuator, 2-point 230V IP20			47050400	207,00
•	•	•			Valve interior complete	VZA900		47000100	95,00

Series ZRS



ZRS224

ZRS234

47120100,
47120200

Applies to Valve type		Type	Reference	Art.No.	GBP/pcs
ZRS224	ZRS234				
•		Actuator, 2-point 230V 2-way	ZRS921	47120100	181,00
	•	Actuator, 2-point 230V 3-way	ZRS931	47120200	199,00

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	231,00
	•				VLB901	27000700	516,00
		•			VLB903	27000800	300,00
			•	Exchange kit High temperature packing box for media temperatures up to 180°C	VLC901	27000200	231,00

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

INDEX, NUMERICAL ORDER

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11100100	245,00	9	11641500	226,00	7	12201100	470,00	11	1700		
11100200	245,00	9	11641700	263,00	7	12220100	625,00	11	17000300	49,00	34, 35
11100300	278,00	9	11660100	132,00	8	12520100	266,00	10	17000400	49,00	34, 35
11100400	298,00	9	11660200	128,00	8	12520200	224,00	10	17000600	36,00	33
11100600	336,00	9	11660300	128,00	8	12550500	428,00	10	17000800	186,00	34
11100800	386,00	9	11660400	136,00	8	12601500	712,00	12	17001100	337,00	34
11101000	543,00	9	11660500	154,00	8	12601600	678,00	12	17001400	440,00	34
11101200	694,00	9	11660800	132,00	8	12601700	836,00	12	17001700	685,00	34
11101400	920,00	9	11660900	128,00	8	12603600	834,00	12	17001800	865,00	34
11101600	1 241,00	9	11661000	128,00	8	12603700	982,00	12	17002000	1 042,00	34
11101800	449,00	9	11661100	136,00	8	12640100	481,00	<i>web only</i>	17002100	1 367,00	34
11101900	579,00	9	11661500	136,00	8	12660100	596,00	<i>web only</i>	17002400	150,00	33
11102000	641,00	9	11661600	136,00	8	12662200	789,00	<i>web only</i>	17002500	150,00	33
11102100	781,00	9	11661700	157,00	8	12663100	601,00	12	17003000	186,00	35
11102200	1 074,00	9	11661800	163,00	32	12665200	789,00	12	17003100	361,00	35
11300700	178,00	8	11662000	221,00	8	12682200	880,00	<i>web only</i>	17003400	736,00	35
11300900	219,00	8	11662100	221,00	8	12684200	877,00	12	17003500	821,00	35
11350100	221,00	9	11662200	331,00	8	12720100	450,00	<i>web only</i>	17003700	141,00	33
11350200	237,00	9	11662400	141,00	8	12720500	450,00	<i>web only</i>	17003800	141,00	33
11351100	349,00	9	11700100	90,00	8	12721100	448,00	12	17004100	162,00	33
11351200	349,00	9	11700200	97,00	8	12721500	448,00	12	17004200	181,00	33
11600100	93,00	7	11700300	109,00	8	12723100	699,00	<i>web only</i>	17004300	171,00	33
11600200	93,00	7	11700600	90,00	8	12725100	493,00	<i>web only</i>	17004400	219,00	33
11600300	93,00	7	11700700	97,00	8	12727100	694,00	12	17004500	389,00	34
11600400	93,00	7	11700800	109,00	8	12729100	494,00	12	17004600	389,00	34
11600500	84,00	7	11701100	157,00	8	12742100	586,00	<i>web only</i>	17004700	389,00	35
11600600	93,00	7	11701200	157,00	8	12742200	586,00	12	17006500	184,00	35
11600700	89,00	7	11701300	233,00	8	12742500	667,00	12	17006800	212,00	39
11600800	79,00	7	11701400	233,00	8	12820100	470,00	<i>web only</i>	17006900	52,00	32
11600900	79,00	7	11720100	278,00	7	12820500	470,00	12	17006910	52,00	32
11601000	93,00	7	11720200	212,00	7	12821100	471,00	12	17006920	52,00	32
11601100	85,00	7	11720300	212,00	7	12842100	644,00	12	17006930	48,00	32
11601200	93,00	7	1205			12842500	644,00	12	17006940	27,00	32
11601500	93,00	7	12050500	289,00	11	1302			17006950	52,00	32
11601600	93,00	7	12050600	265,00	<i>web only</i>	13020600	309,00	11	17007000	212,00	39
11601700	93,00	7	12050700	265,00	10	13020700	302,00	11	17007300	212,00	39
11601800	93,00	7	12051100	299,00	10	13020800	310,00	11	17007400	212,00	39
11601900	93,00	7	12051300	265,00	10	13022300	302,00	11	17007500	23,00	33
11602000	93,00	7	12051700	265,00	<i>web only</i>	13022400	310,00	11	17050600	26,00	36
11602100	90,00	7	12051800	299,00	10	13023500	342,00	22	17050700	296,00	13, 37
11602200	90,00	7	12051900	265,00	<i>web only</i>	13023600	355,00	22	17050800	90,00	13, 37
11602300	90,00	7	12052000	265,00	<i>web only</i>	13023700	398,00	22	17050900	90,00	13, 37
11602400	97,00	7	12052100	255,00	10	13040100	603,00	<i>web only</i>	17051000	114,00	37
11602500	97,00	7	12052200	254,00	10	13041000	541,00	<i>web only</i>	17051100	238,00	13, 37
11602600	109,00	7	12052300	265,00	<i>web only</i>	13041100	547,00	<i>web only</i>	17052000	122,00	13, 37
11602900	98,00	7	12052500	330,00	10	13042000	541,00	13	17053100	72,00	13, 38
11603000	97,00	7	12052600	330,00	10	13042100	547,00	13	17053300	48,00	38
11603100	98,00	7	12100100	224,00	10	13042200	603,00	13	17054100	539,00	38
11603400	160,00	7	12100200	224,00	10	1600			17055100	784,00	38
11603500	157,00	7	12100300	224,00	10	16000100	15,00	36	17055300	322,00	38
11603600	197,00	7	12100400	224,00	10	16000500	12,00	14, 36, 38	17055500	460,00	38
11603700	233,00	7	12100500	260,00	10	16000600	15,00	14	17055700	73,00	38
11603800	105,00	7	12100700	260,00	10	16000700	21,00	15	17056000	113,00	13, 38
11604100	114,00	7	12100800	194,00	10	16000800	32,00	14	1800		
11620100	90,00	8	12101100	224,00	10	16000900	31,00	14	18000500	26,00	19
11620200	97,00	8	12101200	212,00	10	16001000	37,00	14	18000600	34,00	19
11620300	109,00	8	12101300	212,00	10	16001100	23,00	15	18002200	129,00	19
11620600	90,00	8	12101400	224,00	10	16051300	17,00	14, 37-38	18003300	278,00	19
11620700	97,00	8	12101500	260,00	10	16051400	72,00	15	18004500	157,00	19
11620800	109,00	8	12101600	260,00	10	16051500	72,00	15	2100		
11621400	157,00	8	12101700	179,00	10	16051700	55,00	15	21001200	334,00	28
11621500	157,00	8	12101800	194,00	10	16052500	77,00	15	21001300	335,00	28
11621600	233,00	8	12101900	195,00	10	16052600	81,00	15	21001400	421,00	28
11621700	233,00	8	12120100	260,00	10	16053300	22,00	14, 37-38	21001500	529,00	28
11640100	105,00	7	12120200	260,00	10	16053400	17,00	14, 37	21001600	625,00	28
11640200	101,00	7	12120600	287,00	10	16053600	51,00	15	21150100	147,00	28
11640300	101,00	7	12120700	252,00	10	16053700	22,00	14, 37	21150200	147,00	28
11640400	109,00	7	12120800	254,00	10	16053900	63,00	15	21150300	147,00	28
11640500	122,00	7	12120900	260,00	10	16103800	21,00	9	21150400	164,00	28
11640900	101,00	7	12121000	287,00	10	16103900	23,00	9	21150500	184,00	28
11641000	101,00	7	12121100	287,00	10	16104000	36,00	9	21150600	213,00	28
11641100	109,00	7	12121200	326,00	10	16104100	46,00	9	21150700	234,00	28

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21150900	165,00	28	21400800	402,00	29	31105000	103,00	25	31740300	194,00	26
21151000	165,00	28	21400900	429,00	29	31105100	108,00	25	31740400	194,00	26
21151100	165,00	28	21500100	36,00	18	31105200	153,00	26	31740500	213,00	26
21151200	177,00	28	21500200	36,00	18	31106100	115,00	26	31740600	213,00	26
21151300	201,00	28	21500300	36,00	18	31150200	163,00	26	31740700	238,00	26
21151400	222,00	28	21500400	36,00	18	31150700	177,00	26	31810100	120,00	27
21151500	264,00	28	21500500	36,00	18	31150900	163,00	26	3210		
21151600	361,00	28	21500600	43,00	18	31151100	128,00	26	32100600	119,00	25
21200100	253,00	28	21501300	41,00	18	31151200	135,00	26	32100800	124,00	25
21200200	253,00	28	21501400	41,00	18	31151400	128,00	26	32101000	123,00	25
21200300	253,00	28	21501500	41,00	18	31200100	122,00	27	3602		
21200400	271,00	28	21501600	49,00	18	31200200	147,00	27	36020100	18,00	31
21200500	300,00	28	21501700	99,00	18	31200300	130,00	27	36020400	18,00	31
21200600	366,00	28	21502100	47,00	18	31200400	122,00	27	36020500	18,00	31
21200700	392,00	28	21502200	47,00	18	31220300	147,00	24	36028000	152,00	21
21200800	478,00	28	21502300	47,00	18	31260200	252,00	27	36100100	17,00	31
21200900	276,00	28	21502400	47,00	18	31280200	356,00	27	36200100	17,00	31
21201000	276,00	28	21502500	47,00	18	31350500	106,00	41	36301100	43,00	31
21201100	276,00	28	21502600	50,00	18	31400100	295,00	24	36401000	56,00	31
21201200	316,00	28	2205			31400200	295,00	24	36401100	62,00	31
21201300	335,00	28	22050100	925,00	30	31400300	295,00	24	36500100	7,00	31, 41
21201400	406,00	28	22200100	475,00	30	31400400	400,00	24	36500400	7,00	31, 41
21201500	507,00	28	22200200	576,00	30	31400500	400,00	24	36551700	34,00	9
21201600	603,00	28	22200300	868,00	30	31502000	135,00	24	36551800	58,00	9
21220100	1 008,00	28	22200400	1 251,00	30	31502100	140,00	24	36551900	79,00	9
21220200	1 269,00	28	22201100	475,00	30	31502200	162,00	24	36552000	140,00	9
21220300	1 739,00	28	22201200	576,00	30	31502300	162,00	24	36552100	204,00	9
21220400	2 508,00	28	22201300	868,00	30	31502400	162,00	24	36552200	42,00	27
21220500	3 402,00	28	22201400	1 251,00	30	31502500	162,00	24	36552300	71,00	27
21221100	863,00	28	22500100	45,00	18	31502600	162,00	24	36552400	51,00	27
21221200	1 140,00	28	22500200	45,00	18	31510100	402,00	24	36552500	75,00	27
21221300	1 642,00	28	22500300	128,00	18	31521000	285,00	24	36552900	76,00	27
21221400	2 445,00	28	2600			31521300	351,00	24	3700		
21221500	3 214,00	28	26000200	161,00	30	31525000	443,00	24	37000100	150,00	40
21250100	261,00	29	26000700	45,00	30	31580100	168,00	22	37000200	150,00	40
21250200	261,00	29	26001100	112,00	30	31600100	128,00	22	37000400	104,00	40, 41
21250300	261,00	29	26100700	17,00	29	31600200	128,00	22	37000500	132,00	40
21250400	261,00	29	26100800	13,00	29	31600300	128,00	22	37000700	120,00	40
21250500	261,00	29	26100900	15,00	29	31620100	158,00	25	37000800	150,00	40
21250600	261,00	29	26101000	24,00	29	31620200	158,00	25	37001100	148,00	40
21250700	261,00	29	26101100	29,00	29	31620300	158,00	25	37001200	148,00	40
21250800	291,00	29	26101200	43,00	29	31620400	163,00	25	37001300	148,00	40
21250900	336,00	29	26200700	176,00	30	31620500	163,00	25	37001400	148,00	40
21251000	389,00	29	26201100	101,00	30	31620600	163,00	25	37001500	127,00	40
21251100	491,00	29	26201200	221,00	30	31620700	189,00	25	37001600	127,00	40
21251200	580,00	29	2700			31620800	189,00	25	37001700	148,00	40
21251300	261,00	29	27000100	231,00	42	31620900	189,00	25	37001800	133,00	40
21251400	261,00	29	27000200	231,00	42	31621000	217,00	25	37002000	130,00	40
21251500	261,00	29	27000700	516,00	42	31621100	217,00	25	37050400	127,00	41
21251600	292,00	29	27000800	300,00	42	31621200	217,00	25	37050800	127,00	41
21251700	337,00	29	3105			31621600	214,00	25	37051000	127,00	41
21251800	389,00	29	31050100	90,00	26	31621700	214,00	25	37051400	127,00	41
21251900	491,00	29	31050200	73,00	26	31660100	158,00	25	37051500	139,00	41
21252000	604,00	29	31050400	91,00	26	31660200	158,00	25	37052000	148,00	41
21300100	384,00	29	31050500	93,00	26	31660300	158,00	25	37052100	148,00	41
21300200	384,00	29	31100100	113,00	25	31660400	163,00	25	37100100	129,00	40
21300300	384,00	29	31100200	111,00	25	31660500	163,00	25	37100200	129,00	40
21300400	384,00	29	31100300	103,00	25	31660600	163,00	25	37100300	129,00	40
21300500	384,00	29	31100400	103,00	25	31700100	164,00	27	37100400	129,00	40, 41
21300600	384,00	29	31100500	103,00	25	31700400	174,00	27	37100500	129,00	40
21300700	384,00	29	31100600	101,00	25	31702100	164,00	27	37100600	129,00	40
21300800	470,00	29	31100700	108,00	25	31702200	174,00	27	37100700	129,00	40
21300900	470,00	29	31100800	106,00	25	31702300	202,00	27	37100800	129,00	40
21301000	537,00	29	31100900	105,00	25	31702400	174,00	27	37100900	129,00	40
21301100	580,00	29	31101000	105,00	25	31702500	164,00	27	37101000	129,00	40
21301200	695,00	29	31102600	104,00	25	31702600	174,00	27	37101100	129,00	40
21301300	580,00	29	31102700	104,00	25	31720100	188,00	26	37101200	129,00	40
21301400	695,00	29	31102800	99,00	25	31720200	188,00	26	37101300	129,00	40
21301500	809,00	29	31102900	99,00	25	31720300	194,00	26	37101500	148,00	40-42
21301600	968,00	29	31103200	108,00	25	31720400	194,00	26	37101600	148,00	40
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37102300	104,00	42	51003000	137,00	21	57061100	494,00	web only	66100300	296,00	4
37102400	129,00	42	51003100	137,00	21	57061300	120,00	39	6700		
37120100	129,00	40	51020100	153,00	20	57061400	66,00	39	67000100	458,00	36
37120200	129,00	40	51020200	153,00	20	57061500	430,00	39	67000300	486,00	36
37120300	129,00	40, 41	51020300	153,00	20	57061600	471,00	39	67000400	512,00	36
37120400	129,00	40	51020400	153,00	20	57061700	524,00	39	67000500	541,00	36
37160100	195,00	40	51020600	158,00	20	57080100	117,00	38	67000600	101,00	36
37160200	235,00	40	51020700	158,00	20	57080200	117,00	38	67000700	19,00	36
37180100	127,00	40	51020800	158,00	20	57080300	117,00	38	67002000	179,00	36
37202500	42,00	39	51020900	158,00	20	57080400	117,00	38	67003000	179,00	36
37202600	42,00	39	51021100	153,00	20	57080500	117,00	38	67003100	455,00	36
37202900	43,00	40	51021200	158,00	20	57080600	117,00	38	67003300	166,00	36
37203000	43,00	40	51021500	153,00	20	57100100	30,00	39	67003400	200,00	36
4306			51021600	153,00	20	57100200	29,00	39	67003500	91,00	36
43060600	184,00	22	51021700	153,00	20	6100			67003800	166,00	36
43060700	165,00	22	51021800	153,00	20	61001100	591,00	5	67004000	205,00	36
43060800	184,00	22	51022000	158,00	20	61001200	647,00	5	67004400	194,00	36
43061400	196,00	22	51022100	158,00	20	61001300	628,00	5	67005100	420,00	36
43061600	214,00	22	51022200	158,00	20	61001400	686,00	5	67005200	458,00	36
43080100	184,00	22	51022300	158,00	20	61003100	525,00	web only	67005300	486,00	36
43080300	184,00	22	51022500	153,00	20	61003200	525,00	5	67005400	512,00	36
43080400	184,00	22	51022600	158,00	20	61021100	776,00	5	67005500	541,00	36
43080700	196,00	22	51060100	145,00	21	61021200	827,00	5	67005600	455,00	36
43080800	214,00	22	51060200	145,00	21	61021300	816,00	5	67005700	455,00	36
43100100	176,00	23	51060600	174,00	21	61021400	869,00	5	67006100	211,00	36
43100200	186,00	23	5500			61023100	699,00	web only	8690		
43100300	196,00	23	55005200	792,00	20	61023200	700,00	5	86900100	43,00	31
43100400	184,00	23	55005300	711,00	20	61040300	1 538,00	web only	86900200	29,00	31
43100500	196,00	23	55005400	711,00	20	61042100	945,00	4	86900300	29,00	31
43100600	209,00	23	55005500	711,00	20	61042200	1 026,00	4	86901100	43,00	31
43100700	184,00	23	55006000	718,00	20	61042300	979,00	4	86901200	46,00	31
43100800	190,00	23	55006100	718,00	20	61042400	1 049,00	4	86902100	72,00	31
43100900	211,00	23	55006200	718,00	20	61042500	1 037,00	4	9808		
43101000	226,00	23	55006300	718,00	20	61042600	1 096,00	4	98080120	14,00	34, 35
43101100	171,00	23	55006400	732,00	20	61042700	1 073,00	4	98080420	14,00	40
43101200	177,00	23	55006500	732,00	20	61042800	1 131,00	4	98080440	14,00	40
43101300	189,00	23	55006600	732,00	20	61043100	887,00	web only	98080480	9,00	40
43101400	203,00	23	55006700	732,00	20	61043600	887,00	4	98080690	7,00	36
43102100	196,00	23	55006800	792,00	20	61044100	1 236,00	5	98082130	14,00	40
43102200	211,00	23	55006900	792,00	20	61044200	1 312,00	5	98100690	70,00	10, 13
43102500	195,00	23	55021100	565,00	20	61044300	1 289,00	5	98180570	7,00	37
43102600	208,00	23	55021300	574,00	20	61044400	1 342,00	5			
43102700	211,00	23	55021500	706,00	web only	61044500	1 528,00	4			
43102800	235,00	23	5600			61044600	1 601,00	4			
43122100	131,00	23	56001100	56,00	21	61044700	1 610,00	4			
43122200	136,00	23	56001500	62,00	21	61044800	1 663,00	4			
43122300	140,00	23	56020100	145,00	21	61061100	1 026,00	5			
43122400	184,00	23	56020200	48,00	21	61200100	274,00	5			
43123100	139,00	23	56020300	208,00	21	61220100	413,00	5			
43123200	141,00	23	5700			61240100	384,00	5			
43123300	145,00	23	57000100	52,00	21, 38	61241100	556,00	5			
43123400	193,00	23	57000200	52,00	21, 38	61310100	1 357,00	4			
4605			57000300	52,00	21, 38	61310200	1 634,00	4			
46050300	38,00	22, 42	57000400	52,00	21, 38	6400					
47000100	95,00	42	57000500	52,00	21, 38	64000100	3 086,00	6			
47050200	207,00	42	57000600	52,00	38, 41	64020100	518,00	6			
47050400	207,00	42	57000700	52,00	21, 39	64040100	601,00	37			
47120100	181,00	42	57020100	62,00	21, 39	64040200	658,00	37			
47120200	199,00	42	57020200	62,00	21, 39	64040300	1 063,00	37			
5100			57020300	62,00	21, 39	64040400	30,00	37			
51000100	128,00	21	57020400	62,00	21, 39	64040500	320,00	37			
51000200	128,00	21	57020500	62,00	21, 39	64040600	355,00	37			
51000300	128,00	21	57020600	127,00	21, 39	64040700	88,00	37			
51000800	121,00	21	57020700	86,00	21, 39	6600					
51000900	121,00	21	57020800	62,00	21, 39	66000500	317,00	6			
51001000	121,00	21	57020900	29,00	39	66000600	410,00	6			
51001500	128,00	21	57060100	68,00	web only	66001100	253,00	6			
51001600	128,00	21	57060400	39,00	39	66001200	388,00	6			
51001700	128,00	21	57060500	118,00	39	66001300	473,00	6			
51002200	150,00	21	57060600	121,00	39	66001400	596,00	6			
51002300	150,00	21	57060700	155,00	39	66001500	745,00	6			

REPLACEMENT GUIDE

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 might differs from ESBE standard number. Please ask your ESBE contact for further assistance.

	ESBE discontinued series		ESBE today series			
	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	4	
	61040700	GRC111 DN32	61044200			
	61040900	GRC112 DN25	61044300	GRC222	4	
	61041100	GRC112 DN32	61044400			
	61041300	GRC141 DN25	61044500	GRC241	5	
	61041400	GRC141 DN32	61044600			
	61041500	GRC142 DN25	61044700	GRC242	5	
	61041600	GRC142 DN32	61044800			
	61040300	GRC211 DN25	61044500	GRC241	5	
	61040800	GRC211 DN32	61044600			
	61041000	GRC212 DN25	61044700	GRC242	5	
	61041200	GRC212 DN32	61044800			
	61120100	GST131	61121200	GST241	<i>web only</i>	
	61120200	GST141				

	ESBE discontinued series		ESBE today series			
	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	

	ESBE discontinued series		ESBE today series			
	Art. No.	Type	Art. No.	Type	See page	
	11000200	3MG DN15	11600200	VRG131	7	
	11000300		11600300			
	11000400		11600400			
	11000500		11600400			
	11000100		11600500			
	11000700	3MG DN20	11600800			
	11001100		11600900			
	11001600		11601000			
	11002400	3MG DN25	11601100			
	11002700	3MG DN32	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	VRG142	7	
	11004100	4MGA DN20	11641000			
	11005500	3MGP DN15	-	-	-	
	11005600	3MGP DN20				
	11002000	3MGP DN25				
	11005700	3MGP DN32				
	11604400	VRG139	-	-	-	
	11604500					
	11604600					
	11050100	3G DN20	11600900			
	11050200	3G DN25	11601100	VRG131	7	
	11050300	3G DN32	11601200			
	11050400	3G DN40	11603400			
	11050600	3G DN50	11603600			
	11050800	4G DN20	11640300	VRG141	7	
	11051000	4G DN25	11640400			
	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	

Notes: * Different flow pattern

ESBE discontinued series						ESBE today series					
Art. No.		Type	Art. No.		Type	See page					
	12000100	62 24V 3P	12100300	ARA663	10						
	12000800	63 24V 3P	12100400	ARA673							
	12001000	65 230V 3P	12101200	ARA651							
	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							
	12000500	62M 24V 3P	12100800	ARA664	10						
	12000900	63M 24V 3P	-	-							
	12002900	68M 230V 2P	12121200	ARA656							
	12001100	65M 230V 3P	12101700	ARA652							
	12001500	66M 230V 3P	12101800	ARA662							
	12002300	67M 230V 3P	12101900	ARA672							
	12003100	69M 230V 3P	-	-							
	12002200	67-20M 230V 3P	-	-							
	12500100	62P 24V Prop.	12520100	ARA639	10						
			12520200	ARA659							
	81	81 24V 3P	12050200	91	10						
	82	82 24V 3P	12050600	92							
	82S	82S 24V 3P									
	83	83 24V 3P	12051300	93							
	83S	83S 24V 3P									
	84	84 220V 3P	12051700	94							
	85	85 220V 3P	12051900	95							
	85S	85S 220V 3P									
	86	86 220V 3P	12052300	96							
	86S	86S 220V 3P									
	87	87 220V 2P	12052500	97	10						
	88	88 220V 2P	12052600	98							
	88S	88S 220V 2P									
	82P	24V Prop	12550500	93P							
	83P										
	92P	24V Prop	12550500	93P	10						
	92P2										
	92P4										

ESBE discontinued series			ESBE today series		
Art. No.	Type		Art. No.	Type	See page
	12720100	CRA111	12721100	CRA211	12
	12720500	CRA115	12721500	CRA215	
	12725100	CRA151	12729100	CRK211	12
	12660100	CRB111	12663100	CRB211	12
	12662100	CRB121	12665200	CRB221	12
	12662200	CRB122			
	12820100	CRC111	12821100	CRC211	12
	12682200	CRD122	12684200	CRD221	12
	12723100	CRS131	12727100	CRS211	12

ESBE discontinued series			ESBE today series			
Art. No.	Type	Art. No.	Type	See page		
	13040100	VRB141 & CRA111	13042200	VRB141 & CRA211	13	
	13041000	VRG131 & CRC111	13042000	VRG131 & CRC211	13	
	13041100		13042100			

ESBE discontinued series		ESBE today series				
Art. No.	Type	Art. No.	Type	See page		
	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	12601700	90C-1C-90		
	12602100	90C-2A	-	-		
	12602200	90C-2B	12603600	90C-3B-90		
	12602300	90C-2C	12603700	90C-3C-90		
	12603100	90C-3A	-	-		
	12603200	90C-3B	12603600	90C-3B-90		
	12603300	90C-3C	12603700	90C-3C-90		
	12700100	92K2	12742200	CRA122	web only	
	12700500	99K2	12742100	CRA121		
	12700200	94K2	12050200 + 12642200	91 + CUA122	web only	

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	ESBE discontinued series		ESBE today 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		
 VTC531	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	20	
	51026000	DN32 Kvs 8 G 1 1/4" 50°C	51021500	VTC512, 50°C		
	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	20	
	51027000	DN50 Kvs 12 G 2" 50°C	51022000	VTC512, 50°C		
	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		ESBE today 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		ESBE today 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		
	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	55006000	LTC361, 55°C		
	55004500	DN32 G 1 1/4" 60°C	55006100	LTC361, 60°C	20	
	55004600	DN32 G 1 1/4" 65°C	55006200	LTC361, 65°C		
	55004700	DN32 G 1 1/4" 70°C	55006300	LTC361, 70°C		
	55007200	DN40 G 1 1/2" 55°C	55006800	LTC381, 55°C		
	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		ESBE today series			
	Art. No.	Type	Art. No.	Type	See page	
	36027000	VST112 PN10, DN20 95°C	36028000	VST212	21	

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

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

	ESBE discontinued series		ESBE today 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		ESBE today series				
	Art. No.	Type	Art. No.	Type	See page		
	43020100	VZA161 DN20	-	-	22		
	43020200		43060200	VZC161			
	43020300*	VZA151 DN20	-	-			
	43020400*		-	-			
	43020500	VZA162 DN15	-	-	22		
	43020600		43060600	VZC162			
	43020700	43060700					
	43020800	43060800					
	43020900*	VZA152 DN15	-	-			
	43021000*		-	-			
	43021100*	VZA152 DN20	-	-			
	43021200*		43061200*	VZC152			
	43021300	VZA263 DN20	-	-	22		
	43021400		43061400	VZC263			
	43021500	VZA263 DN25	-	-			
	43021600		43061600	VZC263			
	43021700*	VZA253 DN20	-	-			
	43021800*		-	-			
	43021900*	VZA253 DN25	-	-			
	43022000*		-	-			
	43040100	VZB161 DN20	43080100	VZD161	22		
	43040200*	VZB151 DN20	-	-			
	43040300	VZB162 DN15	43080300	VZD162	22		
	43040400	VZB162 DN20	43080400				
	43040500*	VZB152 DN15	-	-			
	43040600*	VZB152 DN20	-	-			
	43040700	VZB263 DN20	43080700	VZD263	22		
	43040800	VZB263 DN25	43080800				
	43040900*	VZB253 DN20	-				-
	43041000*	VZB253 DN25	-				-
	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	ZRS124 DN20	43122200				
	43120300	ZRS124 DN25	43122300				
	43120400	ZRS124 DN32	43122400				
	43121100	ZRS134 DN15	43123100	ZRS234	23		
	43121200	ZRS134 DN20	43123200				
	43121300	ZRS134 DN25	43123300				
	43121400	ZRS134 DN32	43123400				

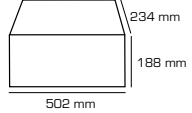
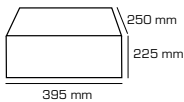
	ESBE discontinued series		ESBE today series			
	Art. No.	Type	Art. No.	Type	See page	
	22000200	ALA221	22200200	ALF261	30	
	22000800		22200100	ALF131		
	22000100	ALA222	22201200	ALF264		
	22000700		22201100	ALF134		
	22000300	ALA223	22201200	ALF264	30	
	22000900		22201100	ALF134		
	22150100	ALD121	22200200	ALF261		
	22150500		22200300	ALF361		
	22150700	ALD141	22200200	ALF261	30	
	22150900		22200300	ALF361		
	22151100	ALD124	22200400	ALF461		
	22150200		22201200	ALF264		
	22150600	ALD144	22201300	ALF364	30	
	22150800		22201200	ALF264		
	22151000	ALD241	22201300	ALF364		
	22151200		22201400	ALF464		
	22151300	ALD244	-	-	-	
	22151400	ALD221	-	-		
	22150300	ALD224	-	-		
	22150400		-	-		

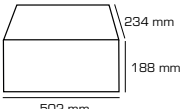
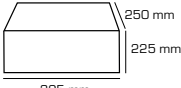
	ESBE discontinued series		ESBE today series			
	Art. No.	Type	Art. No.	Type	See page	
	22050100	ALB144	22201200	ALF264	30	

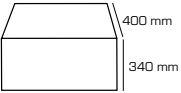
Notes: * With auxiliary switch

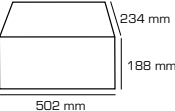
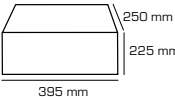
ESBE ESSCO PRICELIST 2022-2 GB/GBP
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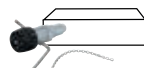
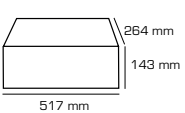
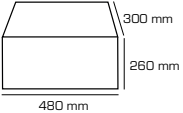
The purpose of this overview is to give our partners a better possibility to order their needs in batches that are linked to our different standard distribution packaging. This list is not taken care of our total assortment but feel free to ask our customer services for adding articles into the list.

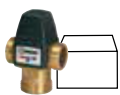
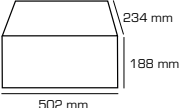
					
VRG13x, VRG23x, VRG33x		DP = Distr. Package			
Art.No.	Type	Weight/DP	24 pcs/DP	Weight/DP	16 pcs/DP
11600100	VRG131	10,9 kg	●		
11600200		10,4 kg			
11600300		11,0 kg			
11600400					
11600500		10,8 kg			
11600600		10,5 kg			
11600700		12,3 kg			
11600800		12,0 kg			
11600900		11,7 kg			
11601000	VRG131			11,6 kg	
11601100				11,1 kg	●
11601200				16,5 kg	
11603400				27,0 kg	
11601500	VRG132	10,7 kg	●		
11601600					
11601700		10,6 kg			
11601800		10,5 kg			
11601900		10,4 kg			
11602000		14,2 kg			
11602100		13,9 kg			
11602200		13,7 kg			
11602300					
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				
11604500				13,8 kg	●
11604600					
11620100	VRG231	11,9 kg	●		
11620200				11,4 kg	
11620300	VRG231			17,3 kg	●
11621400				27,4 kg	
11620600	VRG232	13,7 kg	●		
11620700				12,2 kg	
11620800	VRG232			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	●		

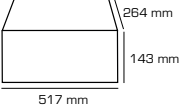
 VRBxxx		 502 mm 234 mm 188 mm		 395 mm 250 mm 225 mm	
DP = Distr. Package					
Art.No.	Type	Weight/DP	24 pcs/DP	Weight/DP	16 pcs/DP
11660100	VRB141	13,0 kg	●		
11660200		13,2 kg			
11660300		13,0 kg			
11660400	VRB141			12,5 kg	●
11660500				17,6 kg	
11660800	VRB142	11,0 kg	●		
11660900		12,7 kg			
11661000		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	

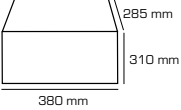
		 573 mm 400 mm 340 mm		
ARA6xx		DP = Distr. Package		
Art.No.	Type	Weight/DP	36 pcs/DP	
12100100	ARA643	18 kg	●	
12100200	ARA653			
12100300	ARA663			
12100400	ARA673			
12100500	ARA693	22 kg	●	
12100700	ARA654			
12100800	ARA664			
12101100	ARA641			
12101200	ARA651	18 kg	●	
12101300	ARA661			
12101400	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	22 kg	●	
12121100	ARA646			
12121200	ARA656			
12520100	ARA639	18 kg	●	
12520200	ARA659			

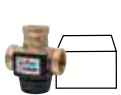
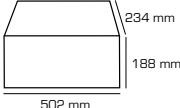
					
VRG14x		DP = Distr. Package			
Art.No.	Type	Weight/DP	24 pcs/DP	Weight/DP	16 pcs/DP
11640100	VRG141	11,7 kg	●		
11640200		13,3 kg			
11640300		13,0 kg			
11640400	VRG141			12,8 kg	●
11640500				17,8 kg	
11640800	VRG142	11,5 kg	●		
11640900		13,5 kg			
11641000		13,0 kg			
11641100	VRG142			13,6 kg	●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

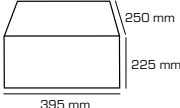
 ATA2xx		 517 mm 264 mm 143 mm		 480 mm 300 mm 260 mm	
DP = Distr. Package					
Art.No.	Type	Weight/DP	10 pcs/DP	Weight/DP	20 pcs/DP
56001100	ATA212	4,75 kg	●	9,5 kg	●
56001500		5,0 kg		10,0 kg	

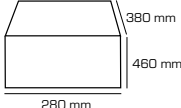
 VTA3xx		 DP = Distr. Package	
Art.No.	Type	Weight/DP	24 pcs/DP
31100300	VTA321	13,0 kg	●
31100400			
31100700		13,2 kg	
31100800			
31100500	VTA322	12,5 kg	●
31100600			
31100900		13,2 kg	
31101000			
31101007		21,2 kg	
31102800		11,6 kg	
31102900		13,2 kg	
31104700		13,2 kg	
31100100	VTA323	15,2 kg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

 VZCxxx, VZDxxx		 DP = Distr. Package	
Art.No.	Type	Weight/DP	15 pcs/DP
43060200	VZC161	11,1 kg	●
43060600	VZC162	10,7 kg	●
43060700		9,5 kg	
43060800		11,0 kg	
43061400	VZC263	12,6 kg	●
43061600		13,7 kg	
43080100	VZD161	11,2 kg	●
43080300	VZD162	10,9 kg	●
43080400			
43080700	VZD263	12,6 kg	●
43080800		13,7 kg	

 ZRSxxx		 DP = Distr. Package	
Art.No.	Type	Weight/DP	14 pcs/DP
43122100	ZRS224	14,0 kg	●
43122200		15,0 kg	
43122300		16,0 kg	
43122400		21,0 kg	
43123100	ZRS234	15,0 kg	●
43123200		16,0 kg	
43123300		17,0 kg	
43123400		22,0 kg	

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

 VTC5xx		 DP = Distr. Package	
Art.No.	Type	Weight/DP	16 pcs/DP
51020100	VTC511	14,0 kg	●
51020200			
51020300		14,2 kg	
51020400			
51020600		17,8 kg	
51020700		17,6 kg	
51020800		17,7 kg	
51020900		17,6 kg	
51021100	VTC512	14,0 kg	●
51021200		17,8 kg	
51021500			
51021600		13,8 kg	
51021700			
51021800		13,7 kg	
51022000		17,0 kg	
51022100		17,3 kg	
51022200	VTC512	17,4 kg	●
51022300		17,4 kg	
51022500		13,9 kg	
51022600		17,4 kg	

 MBAxxx		 DP = Distr. Package	
Art.No.	Type	Weight/DP	30 pcs/DP
43102500	MBA132	24,8 kg	●
43102600		31,7 kg	
43102700		34,1 kg	
43102800		45,8 kg	
43102100	MBA135	28,1 kg	●
43102200		36,2 kg	
43102300	MBA136	30,8 kg	●
43102400		41,6 kg	
43100100	MBA121	24,2 kg	●
43100200		29,9 kg	
43100300		34,4 kg	
43101100	MBA122	20,3 kg	●
43101200		23,6 kg	
43101300		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		33,2 kg	
43100600		40,4 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



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