

VIESSMANN

2

Price List 2026



- Commercial Boilers
- Domestic Hot Water Tanks
- System Technology

ViShop

Introducing a state-of-the-art ordering and quotation service for our wholesale partners!

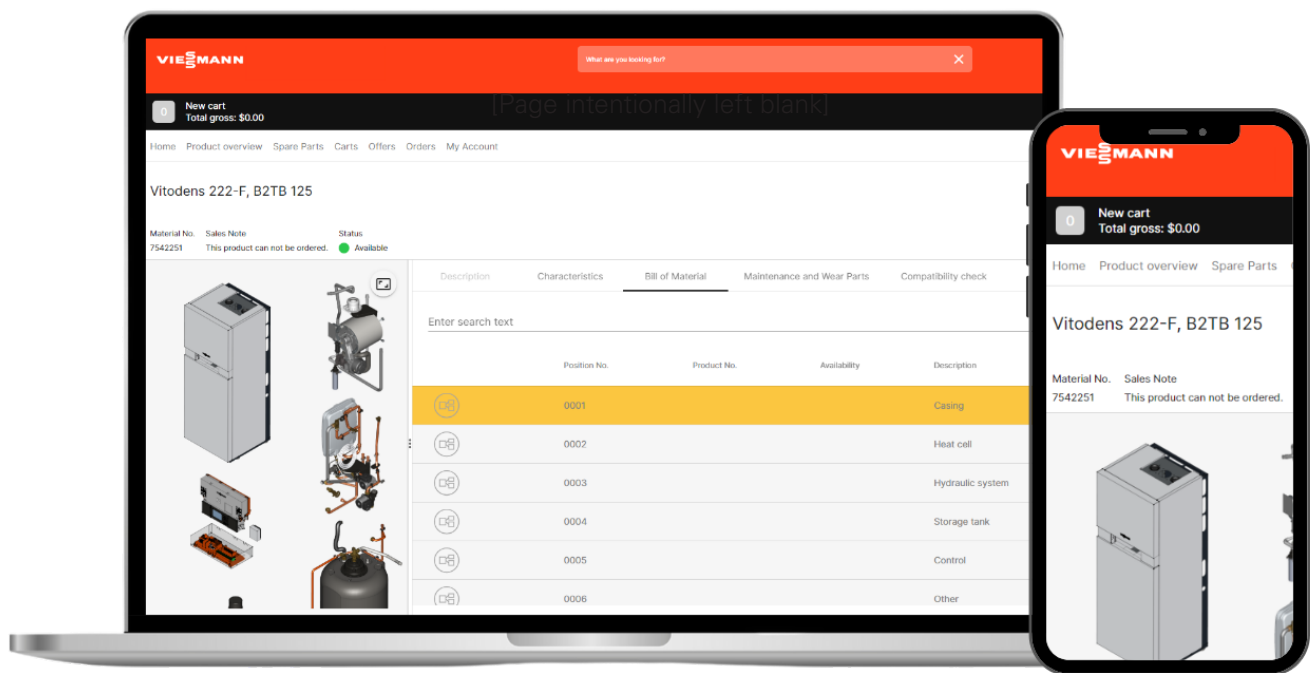
A world of detailed information and user-friendly instruction tutorials awaits you, and it's available right now.

+ Place orders quickly, create multiple carts for different projects and get prices in a snap

+ Accessible on any device, whether you need to order one piece or a full heating system

+ Easy-to-use quote helper and handy boiler/parts lookup anytime you want

+ Exclusive to wholesalers for use with their entire team



To schedule an in-depth demonstration contact Inside Sales at 401-732-0667

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as of March 2nd, 2026

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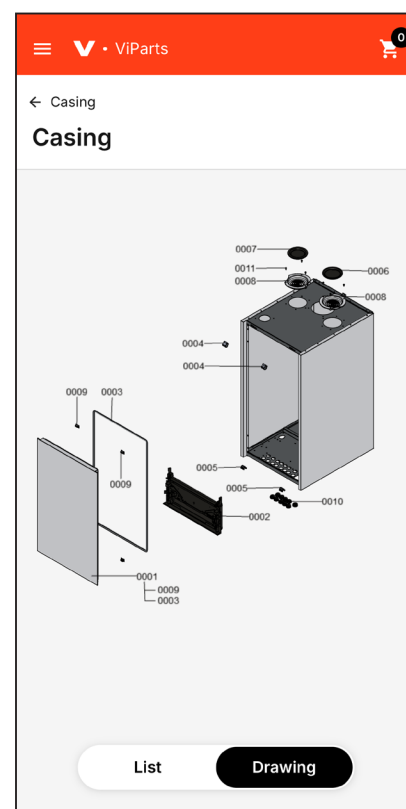
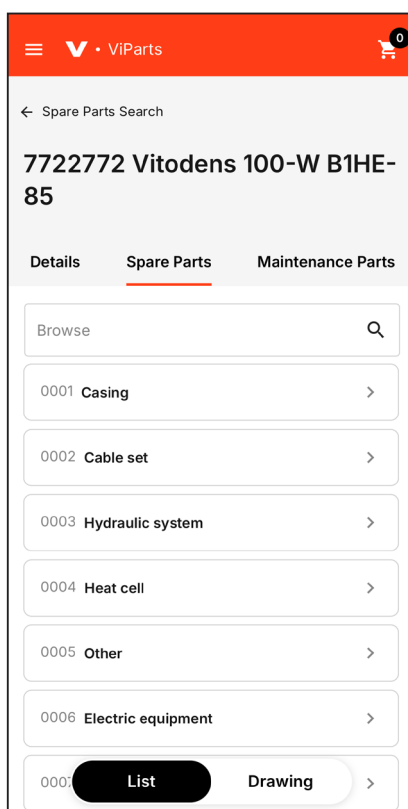


Looking to find out what spare parts you need to repair a boiler?

- Look up all the sub-assemblies for the products,select individual parts.

- View detailed product information like the item part number and in most cases an image of the part.

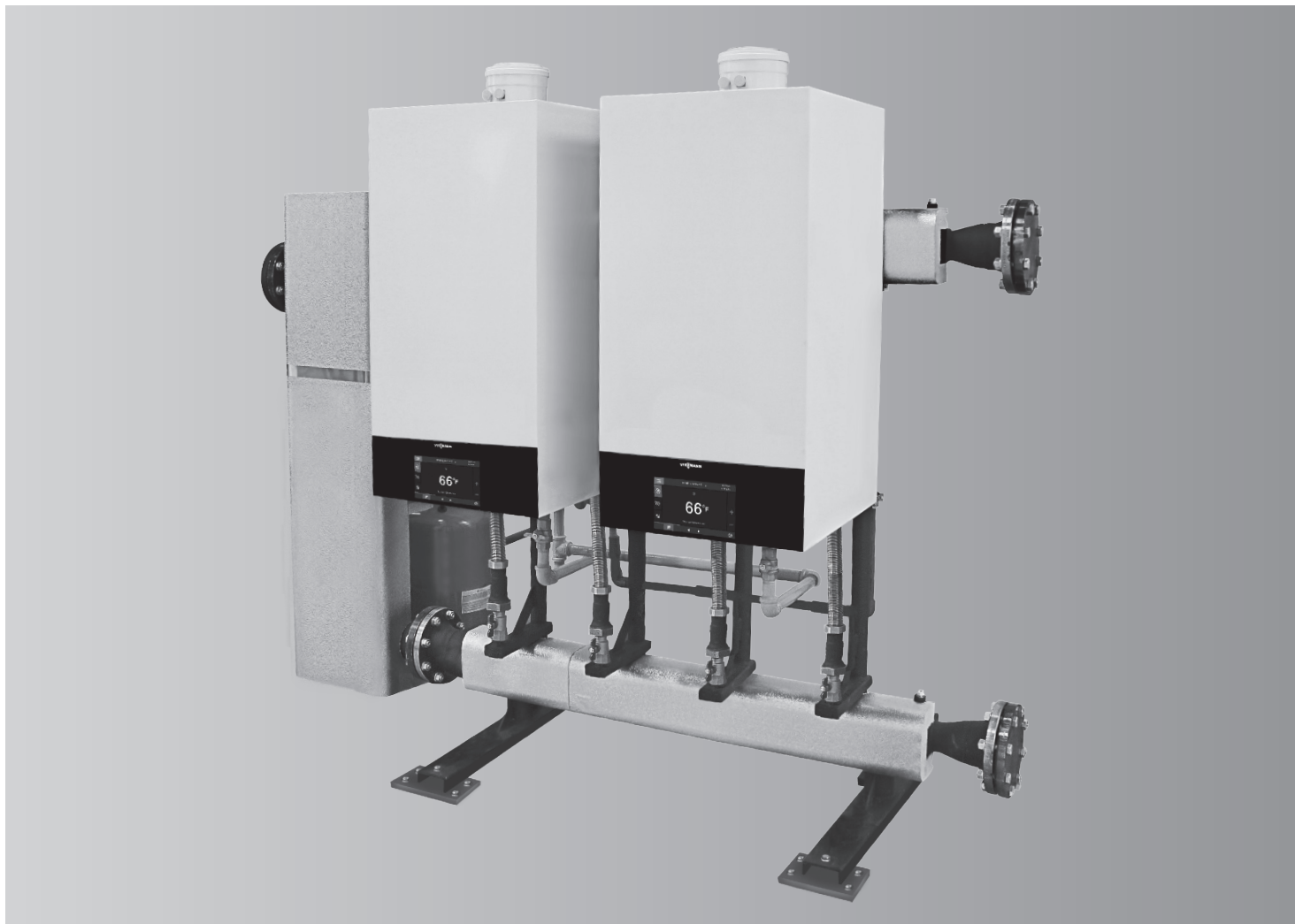
- Check the compatibility of your product and most recent part number and make your working life easier with the ViParts App.



1.1

VITODENS 200-W

Gas-fired, stainless steel condensing boiler
300 MBH to 1592 MBH / 88 to 466 kW



1.1

Vitodens 200-W®

B2HE Series, multiple boiler manifold

Gas-Propane-Fired Wall-Mounted Condensing Boiler
with modulating MatrixPlus cylinder burner
for room air dependent operation
or room air independent operation

For natural gas or propane

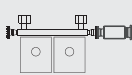
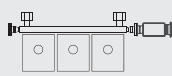
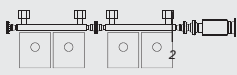
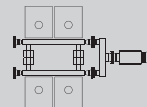
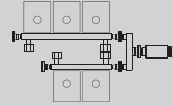
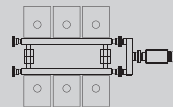
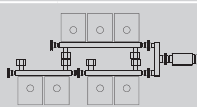
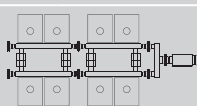
- Lasting Performance with industry-leading Viessmann made SA240/S43932 stainless steel Inox-Radial heat exchanger constructed to CSA B51 and ASME Section IV.
- Low Emission Combustion with Viessmann made stainless steel MatrixPlus cylinder burner. Factory calibrated.
- Powerful and User-Friendly Viessmann control on-board multi-function outdoor reset boiler and system control for multi-temperature space and DHW heating.
- Fast Installation and Reduced Maintenance with LambdaPro Plus Pro, industry-first intelligent combustion management system: Adjusts automatically to gas type and quality. No fuel conversion kit required.
- Extremely Quiet Operation; quieter than most refrigerators.
- Integrated cascade control with the capability of controlling up to 4 zone circuits 3 mixing valve circuits and DHW

VITODENS 200-W

Multiple Boiler Installations

Please contact your local Viessmann Representative for more information.

Vitodens 200-W

Configuration Drawings	In-Line (top view)				Back-to-Back (top view)		
1.1	No. 1						
	No. 2						
	No. 3				No. 4		
					No. 5		
					No. 6		
					No. 7		
					No. 8		
Componentry Break-Out Pricing	Manifold	LLH (See selection below)	Boiler fittings kit	Manifold fittings kit	Y-Piece (Req for Bk-to-bk install. only)	Adaptor ¹	
	7537 703 2-boiler install 3,270.-	1 req'd	7628 851 1 per boiler req'd 857.-	7535 930 1 per manifold req'd 518.-	7537 721 Set of 2 2,420.-	7201 963 Need to order 2 938.- EA	Order No. Size/Type USD
	7537 704 3-boiler install 3,800.-	1 req'd	7628 851 1 per boiler req'd 857.-	7535 930 1 per manifold req'd 518.-	7537 721 Set of 2 2,420.-	7201 963 Need to order 2 938.- EA	Order No. Size/Type USD
Low-Loss Headers selection							
7537 705 160/80 1,750.-	7537 706 200/120 2,140.-	7537 707 250/150 2,560.-	7537 708 300/200 2,950.-	7537 709 400/200 4,010.-	7537 710 450/250 5,670.-	7537 711 500/300 6,570.-	Order No. Size/Type USD
LLH fittings kit: 7535 931 121.-							Order No. USD

¹ An Adaptor Set is required if manifolds are connected directly to 400/200 LLH and larger, or if a Y-Piece is connected to smaller than 400/200 LLH. For additional information, please refer to the manifold installation instructions. Adaptor need September vary depending on desired configuration.

- Maximum 4 boilers for in-line configuration.
- For other configurations (not listed above), please contact Viessmann - do **not** mix different boiler sizes.

VITODENS 200-W

Multiple Boiler Installations

Please contact your local Viessmann Representative for more information.

Vitodens 200-W	2	3	4	4	5	6	7	8	No. Boilers
Multiple Boiler Packages									
Vitodens 200-W	Pkg 1	Pkg 2	Pkg 3	Pkg 4	Pkg 5	Pkg 6	Pkg 7	Pkg 8	Pkg No.
B2HE-150	ZK06644	ZK06645	ZK06646	ZK06647	ZK06648	ZK06649	ZK06650	ZK06651	Order No.
Total Input	300	450	600	600	750	900	1050	1200	MBH
Total Output	282	423	564	564	705	846	987	1128	MBH
Config. Dwg.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	
LLH	160/80	160/80	200/120	200/120	200/120	250/150	250/150	250/150	
Total Package List Price	22,734.-	31,660.-	43,704.-	48,000.-	56,926.-	66,272.-	77,926.-	89,580.-	USD
Vitodens 200-W	Pkg 9	Pkg 10	Pkg 11	Pkg 12	Pkg 13	Pkg 14	Pkg 15	Pkg 16	Pkg No.
B2HE-199	ZK06652	ZK06653	ZK06654	ZK06655	ZK06656	ZK06657	ZK06658	ZK06659	Order No.
Total Input	398	597	796	796	995	1194	1393	1592	MBH
Total Output	374	561	748	748	935	1122	1309	1496	MBH
Config. Dwg.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	
LLH	160/80	200/120	200/120	200/120	250/150	250/150	300/200	300/200	
Total Package List Price	25,454.-	36,130.-	49,144.-	53,440.-	64,146.-	74,432.-	87,836.-	100,850.-	USD

- Manifold Insulation (optional) must be installed prior to mounting boilers.
- The Multiple Boiler Low-Loss Distribution Manifolds above are **not** for use with any boiler other than Vitodens 200-W, B2HE.
- All boiler manifolds must be shipped and installed with a properly sized low-loss header.
- Use only the configurations above- do **not** mix different boiler sizes.

Package Standard Equipment:

- Vitodens 200-W, size and quantity as above
- Boiler manifold with low-loss header (insulation optional)
- Neutralization tank(s)
- Common Supply Temperature Sensor (immersion- supplied with the boiler)
- DHW Temperature Sensor (Immersion- Supplied with boiler)

Other Equipment / Options

(**not** included in Package Standard Equipment):

- All venting, common or otherwise
- Insulation for boiler manifold
- Insulation for low-loss header
- Factory start-up

1.1

VITODENS 200-W

Multiple Boiler Installations

Please contact your local Viessmann Representative for more information.

- ▶ *Standard pressure relief valve 30 psig*
Optional 45 psig pressure relief valve 9549 944
Optional 60 psig pressure relief valve 9560 183
- ▶ *Boiler is suitable for operation with a balanced flue. Please use a certified Category IV vent system of PP(s), stainless steel or CPVC.*
- ▶ *Engineered seismic bracket kits, which comply with local seismic requirements, are available from Viessmann.*

<i>For multiple Vitodens 200-W B2HE 2-boiler manifold, in-line system, order</i>	<i>ZK01736, List Price \$7,430.-.</i>
<i>For multiple Vitodens 200-W B2HE 3-boiler manifold, in-line system, order</i>	<i>ZK01737, List Price \$7,430.-.</i>
<i>For multiple Vitodens 200-W B2HE 4-boiler manifold, in-line system, order</i>	<i>ZK01738, List Price \$13,030.-.</i>
<i>For multiple Vitodens 200-W B2HE 4,5,6-boiler manifold, back-to-back system, order</i>	<i>ZK01739, List Price \$7,858.-.</i>
<i>For multiple Vitodens 200-W B2HE 7-boiler manifold, back-to-back system, order</i>	<i>ZK01740, List Price \$10,872.-.</i>
<i>For multiple Vitodens 200-W B2HE 8-boiler manifold, back-to-back system, order</i>	<i>ZK01741, List Price \$13,886.-.</i>

VITODENS 200-W

Multiple Boiler Installations

Please contact your local Viessmann Representative for more information.

Multiple Boiler Low-Loss Distribution Manifold

Accessories

Flange Connection Set

to install a field supplied 90° elbow set

- 4 x 4" ANSI flanges with welded on 4" NPT coupling
- including all necessary bolts and gaskets

List Price

7537 723

Order No.

1,340.-

USD

Insulation

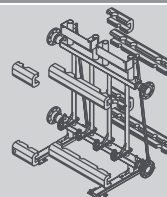
Manifold Insulation

to minimize significant stand-by heat losses in the mechanical room

- including 8 insulation shells, holding straps with bolts

Pictured is the 2-boiler manifold.

Manifold is sold separately.



7537 712

2-boiler set

1,230.-

Order No.

USD

7537 713

3-boiler set

2,070.-

Order No.

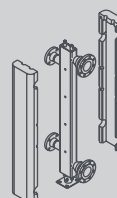
USD

Low-Loss Header Insulation

to minimize significant stand-by heat losses in the mechanical room

- including 2 insulation shells, holding straps with bolts

Low-loss header is sold separately.



7537 714

160/80

799.-

Order No.

USD

7537 715

200/120

1,030.-

Order No.

USD

7537 716

250/150

1,170.-

Order No.

USD

7537 717

300/200

1,340.-

Order No.

USD

7537 718

400/200

1,450.-

Order No.

USD

7537 719

450/250

1,750.-

Order No.

USD

7537 720

500/300

2,000.-

Order No.

USD

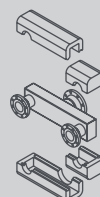
Y-Piece Insulation (pair)

to minimize significant stand-by heat losses in the mechanical room

- including 8 insulation shells, holding straps with bolts

Pictured is a single y-piece assembly.

Y-piece is sold separately.



7537 722

603.-

Order No.

USD

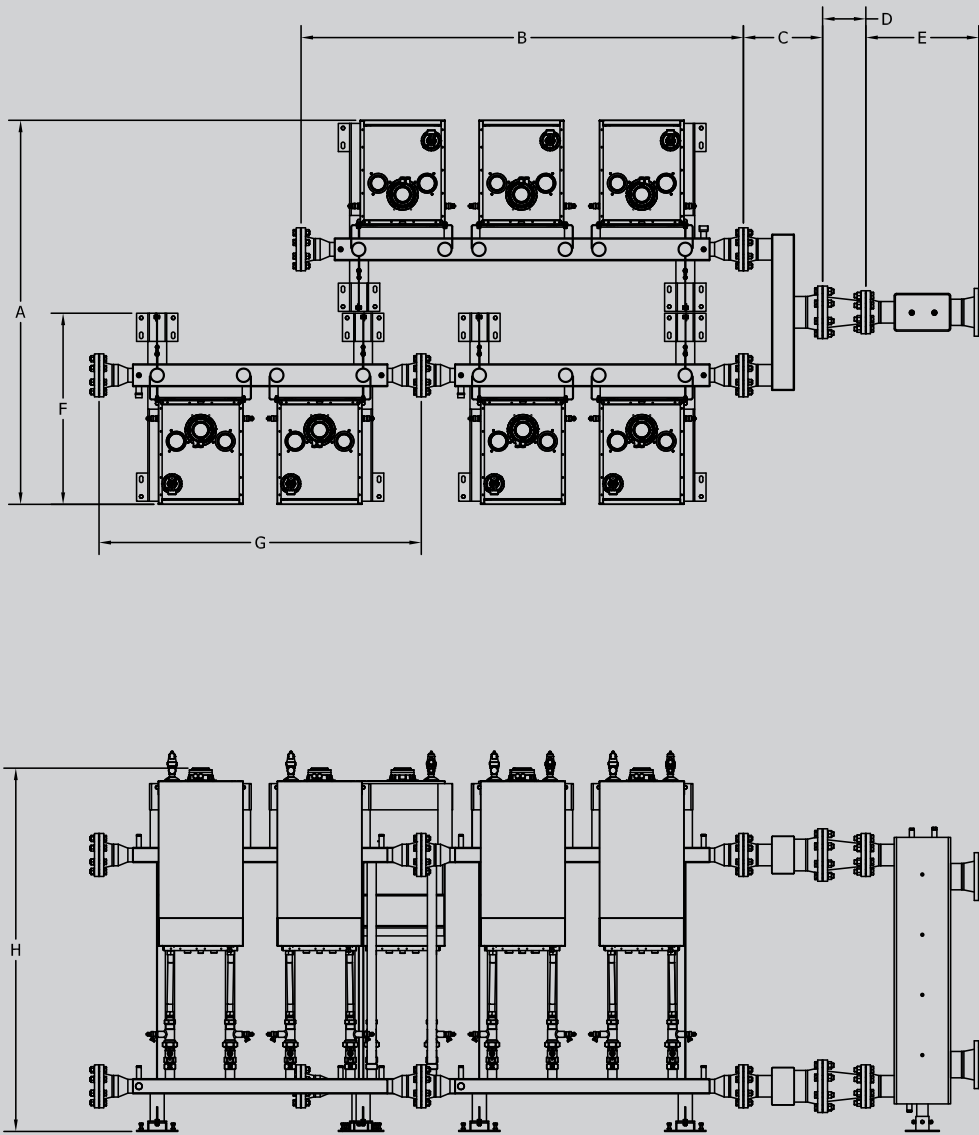
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VITODENS 200-W

Multiple Boiler Installations
Please contact your local Viessmann Representative for more information.

Vitodens 200-W

- Sample Dimensions
- 7 boiler manifold
 - size B2HE 199 boiler (maximum dimensions given)



Technical Data	A	B	C	D	LLH Size	E	F	G	H	
	80½ 2045	92½ 2352	16½ 420	9 229	160/80	19¼ 486	40 1016	67½ 1712	76 1930	inches mm
					200/120	19¾ 500				inches mm
					250/150	21-3/4 550				inches mm
					300/200	23¾ 600				inches mm
					400/200	27½ 700				inches mm
					450/250	33½ 850				inches mm
					500/300	35½ 900				inches mm

VITODENS 200-W

Control unit accessories

Please contact your local Viessmann Representative for more information.

Accessories

Remote controls

Vitotrol 200-E

Hardwired remote control unit (PlusBus subscriber).

With backlit graphic display with plain text.

For setting the following functions for one, two, three or up to 4 heating circuits:

Hardwired communication with the boiler

Time programs for heating circuits and DHW tanks

Comfort functions, e.g. holiday program/holiday at home program

Specification of the set DHW temperature and up to 3 set values for the room temperature

With integral room temperature sensor for room temperature hook-up

(only for one heating circuit with mixer)

The display shows the outside temperature, room temperature and operating conditions.

If the Vitotrol 200-E is to be used for room temperature hook-up, site the device in a main living room (lead room).

Order room temperature sensor, part no. 7438537, if the Vitotrol 200-E cannot be sited in a suitable location to capture the room temperature.

Max. 2 Vitotrol 200-E per cascade system.



7372 087
531.-

Order No.
USD
MG 20

Accessories

Room temperature sensor (NTC 10 kOhm)

In an enclosure for wall mounting

To supplement the Vitotrol 200-E

If the Vitotrol 200-E cannot be sited in a suitable location to capture the room temperature.



7438 537
206.-

Order No.
USD

Versatronik 503 NR2/Analog Bridge

Allows for the integration of an E-series boiler into an Vitotronic cascade (LON) system.

Communicates to Vitotronic cascade via LON (CAT5)

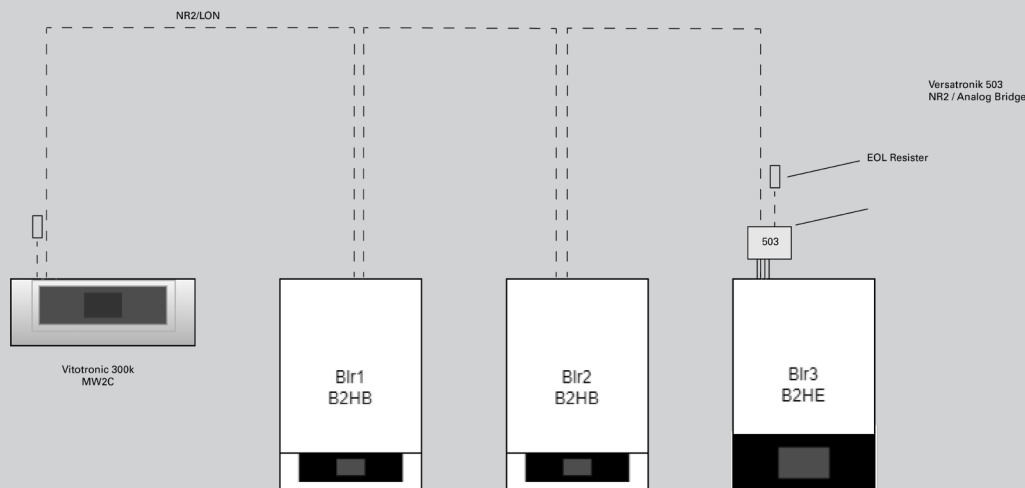
Simulates a Vitotronic boiler, and sends command to target boiler via 0-10V

Feedback boiler temp to cascade using strap-on temp sensor (included)

Feedback boiler modulation and fault via 0-10V and digital fault output

Wall mount box, 120V (cord included)

**Requires one unit per boiler*

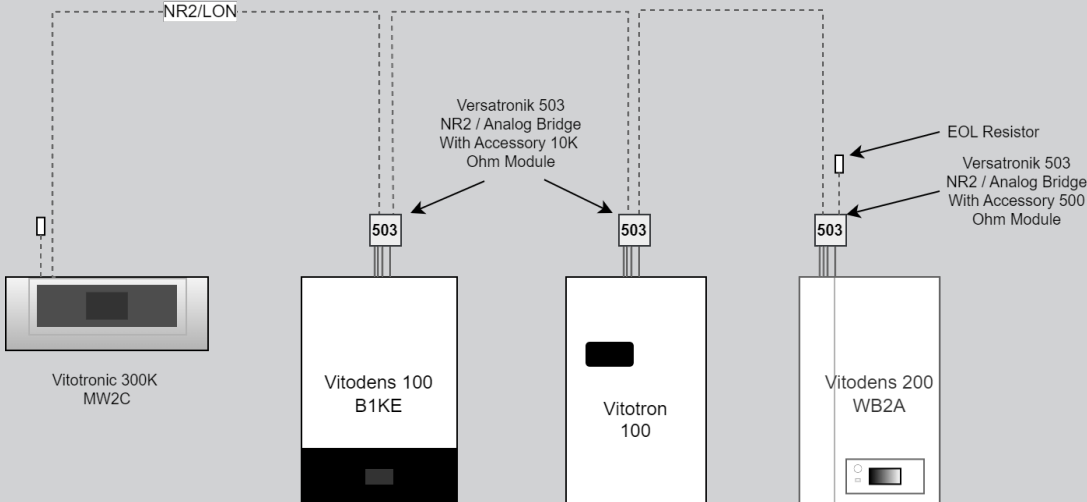


7984 983
927.-

Order No.
USD

VITODENS 200-W

Control unit accessories
Please contact your local Viessmann Representative for more information.

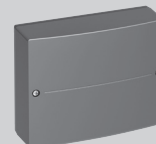
Accessories		
Accessory modules for Versatronik 503 are meant to replace the 0-10V setpoint signal, with an outdoor sensor simulation. These modules simulate an outdoor temperature by varying their resistance value. With a known heating curve, the desired boiler setpoint can be communicated.		
Accessory Board,V503 RDAC Shield 500 OHM E.g. Vitodens WB2A	7995 690	Order No.
Accessory Board,V503 RDAC Shield 10K E.g. Vitodens B1HE, Vitotron VLN2, Et al.	7995 691	Order No.
1.1 		

Accessories						
Heating circuit control unit extension						
EM-M1 mixing valve extension kit (wall mounting maximum of 3) (PlusBus subscriber) For one heating circuit with mixing valve, fully wired. Includes valve mounted 120VAC mixing valve motor for Viessmann 3 and 4 way mixing valves Flow temperature sensor as contact temperature sensor (NTC 10 kOhm) with connecting lead (5.8 m long) and plug Plug for heating circuit pump and mixing valve motor Power cable and PlusBus cable with plug With immersion temperature sensor connector for Low-Loss header (immersion temperature sensor must be ordered separately)						ZK06488 1,030.–
						Order No. USD
Viessmann 3-Way Mixing Valves		3/4" 7134 742 518.–	1" 7134 743 550.–	1 1/4" 7134 744 621.–	1 1/2" 7134 745 694.–	2" 7134 746 818.–
						Dia Order No. USD

Centra Mixing Valves

Heating circuit control unit extension

EM-M1 24V mixing valve extension kit (wall mounting maximum of 3)
(PlusBus subscriber)
For one heating circuit with mixing valve, fully wired.
Flow temperature sensor as contact temperature sensor (NTC 10 kOhm)
with connecting lead (5.8 m long) and plug
Plug for heating circuit pump and mixing valve motor
Power cable and PlusBus cable with plug



7970 653
828.-

Order No.
USD

Centra Mixing Valve Motor, 24/1/60
• for Centra 3 way mixing valve only
• order one mixing valve per low-temperature heating circuit



9544 483
887.-

Order No.
USD

Centra 3-Way Mixing Valves ²
■ including flange set
MV Set (Centra), 3-Way NTC



2½"
ZK07111
1,247.-

3"
ZK07112
1,820.-

4"
ZK07113
2,316.-

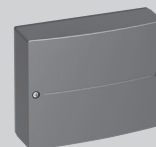
5"
ZK07114
3,620.-

6"
ZK07115
5,137.-

Dia
Order No.
USD

Function extensions

EM-P1 extension
(PlusBus subscriber)
Function extension inside enclosure for wall mounting.
Connection for heating circuit pump for the heating circuit without mixing valve
Connection for DHW circulation pump
Immersion temperature sensor connector for Low-Loss header
(immersion temperature sensor must be ordered separately)
*Required for e.g. a single heating circuit without mixing valve with Low-Loss header
(separate heating circuit pump).*



7956 969
560.-

Order No.
USD

EM-EA1 extension
(PlusBus subscriber)
Function extension inside enclosure for wall mounting.
Using the inputs and outputs allows **one** of the following functions to be achieved.
Up to **max. 3** EM-EA1 extensions can be connected to a boiler.
Connection of an external solenoid valve
External extractor interlock
Fault message input 24 V and block system
Fault message input 120 V and block system
Fault message output
Operating mode changeover (all heating circuits)
Input 0- 10 V for external temperature demand
Required for connection of fault messages, e.g. from the condensate removal pump.



7956 970
680.-

Order No.
USD

Wago Communication Technology

Wago Gateway

Wago BACnet/IP
Gateway Wall-Mount

7959 026
1,330.-

Order No.
USD

Wago BACnet/IP with MSTP Router
Gateway Wall-Mounted

7959 025
1,820.-

Order No.
USD

Wago MB/RTU
Gateway Wall-Mount

7959 027
1,330.-

Order No.
USD

Wago MB/TCP
Gateway Wall-Mount

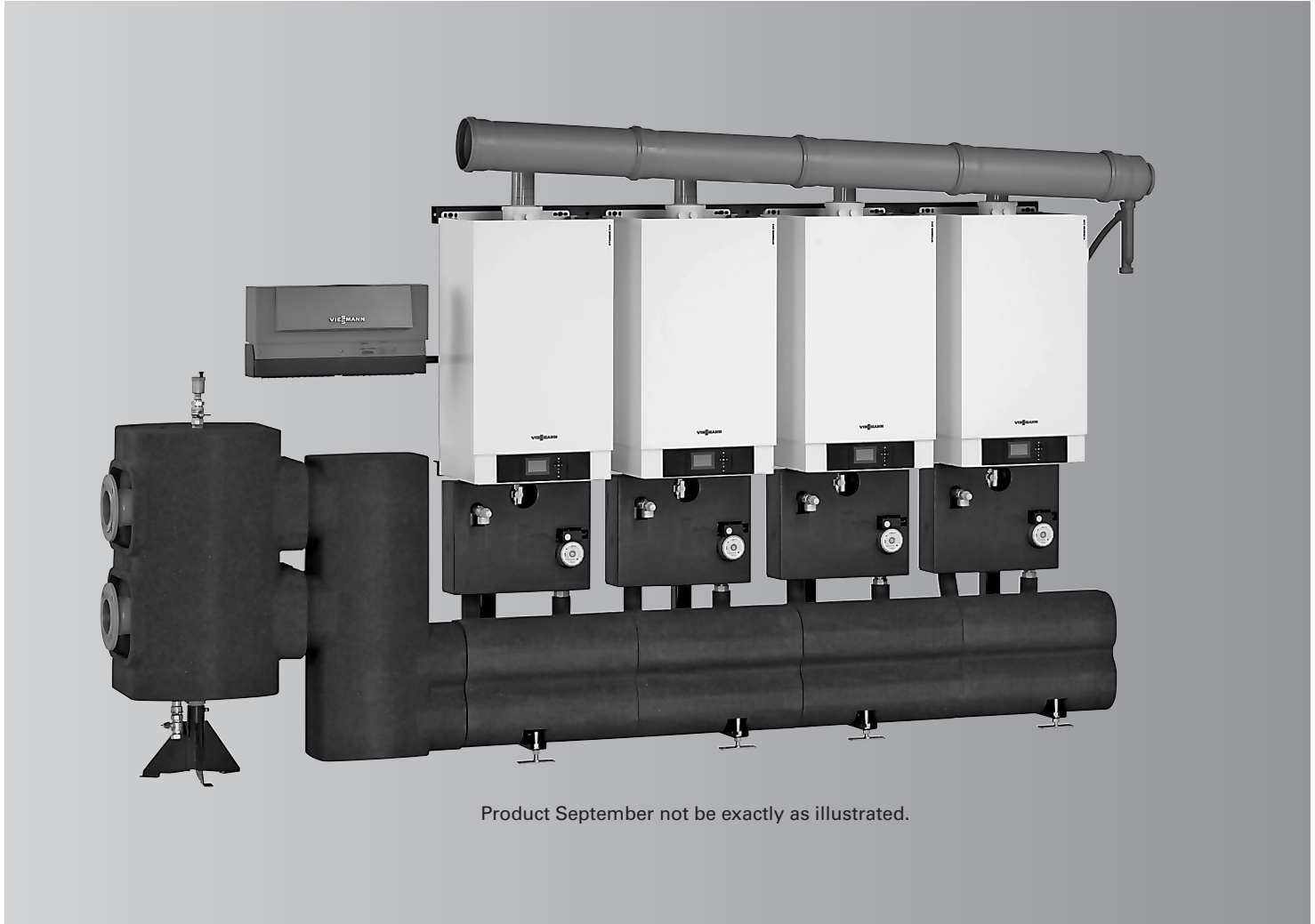
7959 028
1,330.-

Order No.
USD

1.2

VITODENS 200-W

Gas-fired, stainless steel condensing boiler
320 to 4240 MBH / 94 to 1240 kW



1.2

Vitodens 200-W®

B2HA Series, multiple boiler manifold

Gas-Propane-Fired Wall-Mounted Condensing Boiler
with modulating MatriX-cylinder burner
for room air dependent operation
or room air independent operation

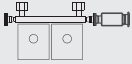
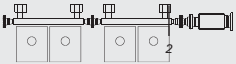
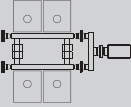
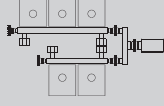
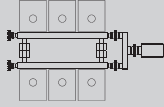
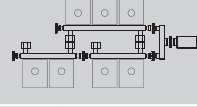
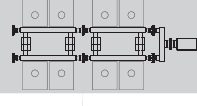
For natural gas or propane

- **Viessmann Cascade Control** for up to 8 boilers with heating input of 570 MBH to 4240 MBH
- **Lasting Performance** with industry-leading Viessmann made SA240 316Ti stainless steel Inox-Radial heat exchanger constructed to CSA B51 and ASME Section IV.
- **Low Emission Combustion** with Viessmann made stainless steel MatriX cylinder burner. Factory calibrated.
- **Powerful and User-Friendly Viessmann Vitotronic** on-board multi-function outdoor reset boiler and system control for multi-temperature space and DHW heating.
- **Fast Installation and Reduced Maintenance** with Lambda Pro, industry-first intelligent combustion management system: Adjusts automatically to gas type and quality. No fuel conversion kit required.
- **Extremely Quiet Operation**; quieter than most refrigerators.

VITODENS 200-W

Multiple Boiler Installations

Please contact your local Viessmann Representative for more information.

Vitodens 200-W								
Configuration Drawings	In-Line (top view)					Back-to-Back (top view)		
1.2	No. 1							
								
	No. 2							
								
	No. 3					No. 4		
								
						No. 5		
								
						No. 6		
								
						No. 7		
								
						No. 8		
								
Componentry Break-Out Pricing	Manifold	LLH	Fittings 1	Fittings 2	Fittings 3	Y-Piece	Adaptor ¹	
Low-Loss Headers	7537 703 2-boiler	1 req'd see below	7535 929 boiler	7535 930 manifold req'd	7535 931 LLH	7537 721 set of 2	7201 963 order 2	Order No. Size/Type
	3,270.–		698.–	518.–	121.– optional	2,420.–	938.–	USD
	7537 704 3-boiler	1 req'd	1 per boiler req'd	1 per manifold req'd	optional	7537 721 set of 2	see note below	Order No. Size/Type
	3,800.–					2,420.–		USD
	7537 705 160/80	7537 706 200/120	7537 707 250/150	7537 708 300/200	7537 709 400/200	7537 710 450/250	7537 711 500/300	Order No. Size/Type
	1,750.–	2,140.–	2,560.–	2,950.–	4,010.–	5,670.–	6,570.–	USD

¹ An Adaptor Set is required if manifolds are connected directly to 400/200 LLH and larger, or if a Y-Piece is connected to smaller than 400/200 LLH. For additional information, please refer to the manifold installation instructions. Adaptor need September vary depending on desired configuration.

► Maximum 4 boilers for in-line configuration.

► For other configurations (not listed above), please contact Viessmann - do **not** mix different boiler sizes.

VITODENS 200-W

Multiple Boiler Installations With Manifold

Vitodens 200-W	2	3	4	4	5	6	7	8	No. Boilers
Multiple Boiler Packages									
Vitodens 200-W	Pkg 17	Pkg 18	Pkg 19	Pkg 20	Pkg 21	Pkg 22	Pkg 23	Pkg 24	Pkg No.
B2HA 285	B2HAH15	B2HAH16	B2HAH17	B2HAH18	B2HAH19	B2HAH20	B2HAH21	B2HAH22	Order No.
Total Input	570	855	1140	1140	1425	1710	1995	2280	MBH
Total Output	520	780	1040	1040	1300	1560	1820	2080	MBH
Config.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	
Dwg.	200/120	200/120	250/150	250/150	300/200	300/200	300/200	400/200	
LLH	35,932.-	49,491.-	66,198.-	70,494.-	84,443.-	98,002.-	114,289.-	129,760.-	USD
Vitodens 200-W	Pkg 25	Pkg 26	Pkg 27	Pkg 28	Pkg 29	Pkg 30	Pkg 31	Pkg 32	Pkg No.
B2HA 311	B2HAH23	B2HAH24	B2HAH25	B2HAH26	B2HAH27	B2HAH28	B2HAH29	B2HAH30	Order No.
Total Input	622	933	1244	1244	1555	1866	2177	2488	MBH
Total Output	588	882	1176	1176	1470	1764	2058	2352	MBH
Config.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	
Dwg.	200/120	250/150	250/150	250/150	300/200	300/200	400/200	400/200	
LLH	36,872.-	51,321.-	68,078.-	72,374.-	86,793.-	100,822.-	116,763.-	133,520.-	USD
Vitodens 200-W	Pkg 33	Pkg 34	Pkg 35	Pkg 36	Pkg 37	Pkg 38	Pkg 39	Pkg 40	Pkg No.
B2HA 352	B2HAH31	B2HAH32	B2HAH33	B2HAH34	B2HAH35	B2HAH36	B2HAH37	B2HAH38	Order No.
Total Input	704	1056	1408	1408	1760	2112	2464	2816	MBH
Total Output	666	999	1332	1332	1665	1998	2331	2664	MBH
Config.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	
Dwg.	200/120	250/150	300/200	300/200	300/200	400/200	400/200	450/250	
LLH	38,392.-	53,601.-	71,508.-	75,804.-	90,593.-	104,566.-	122,083.-	141,260.-	USD

1.2

- Manifold Insulation (optional) must be installed prior to mounting boilers.
- The Multiple Boiler Low-Loss Distribution Manifolds above are **not** for use with any boiler other than Vitodens 200-W, B2HA Series.
- All boiler manifolds must be shipped and installed with a properly sized low-loss header.
- Use only the configurations above- do **not** mix different boiler sizes.
- All pumps are Grundfos UPS26-99FC.

Package Standard Equipment:

- Vitodens 200-W, size and quantity as above
- Vitotronic 300-K, MW2C cascade control and KMK comm. cards
- Boiler manifold with low-loss header (insulation optional)
- Boiler pumps 120/1/60 including all connection fittings
- Neutralization tank(s)

Other Equipment / Options

(**not** included in Package Standard Equipment):

- All venting, common or otherwise
- Insulation for boiler manifold
- Insulation for low-loss header
- Factory start-up

► Engineered seismic bracket kits, which comply with local seismic requirements, are available from Viessmann.

For multiple Vitodens 200-W B2HA 2-boiler manifold, in-line system, order ZK01736, **List Price \$ 7,430.-.**

For multiple Vitodens 200-W B2HA 3-boiler manifold, in-line system, order ZK01737, **List Price \$ 7,430.-.**

For multiple Vitodens 200-W B2HA 4-boiler manifold, in-line system, order ZK01738, **List Price\$ 13,030.-.**

For multiple Vitodens 200-W B2HA 4,5,6-boiler manifold, back-to-back system, order ZK01739, **List Price \$ 7,858.-.**

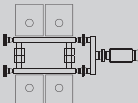
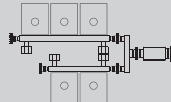
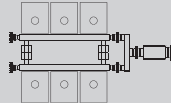
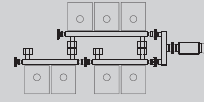
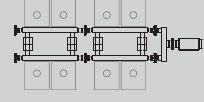
For multiple Vitodens 200-W B2HA 7-boiler manifold, back-to-back system, order ZK01740, **List Price\$ 10,872.-.**

For multiple Vitodens 200-W B2HA 8-boiler manifold, back-to-back system, order ZK01741, **List Price\$ 13,886.-.**

VITODENS 200-W

Multiple Boiler Installations

Please contact your local Viessmann Representative for more information.

Vitodens 200-W							
Configuration Drawings	In-Line (top view)				Back-to-Back (top view)		
	No. 1						
							
	No. 2						
							
	No. 3				No. 4		
							
					No. 5		
							
				No. 6			
							
				No. 7			
							
				No. 8			
							
Componentry Break-Out Pricing	Manifold	LLH (See selection below)	Boiler fittings kit	Manifold fittings kit	Y-Piece (Req for Bk-to-bk install. only)	Adaptor ¹	
	7537 703 2-boiler install	1 req'd	7535 929 1 per boiler req'd	7535 930 1 per manifold req'd	7537 721 Set of 2	7201 963 Need to order 2	Order No. Size/Type
	3,270.–		698.–	518.–	2,420.–	938.– EA	USD
	7537 704 3-boiler install	1 req'd	7535 929 1 per boiler req'd	7535 930 1 per manifold req'd	7537 721 Set of 2	7201 963 Need to order 2	Order No. Size/Type
	3,800.–		698.–	518.–	2,420.–	938.– EA	USD
Low-Loss Headers selection	7537 705 160/80 1,750.–	7537 706 200/120 2,140.–	7537 707 250/150 2,560.–	7537 708 300/200 2,950.–	7537 709 400/200 4,010.–	7537 710 450/250 5,670.–	Order No. Size/Type USD
	7537 711 500/300 6,570.–	LLH fittings kit: 7535 931 121.– Optional					Order No. USD

¹ An Adaptor Set is required if manifolds are connected directly to 400/200 LLH and larger, or if a Y-Piece is connected to smaller than 400/200 LLH. For additional information, please refer to the manifold installation instructions. Adaptor need September vary depending on desired configuration.

- Maximum 4 boilers for in-line configuration.
- For other configurations (not listed above), please contact Viessmann - do **not** mix different boiler sizes.

VITODENS 200-W

Multiple Boiler Installations With Manifold

Vitodens 200-W	2	3	4	4	5	6	7	8	No.Boilers
Multiple Boiler Packages									
Vitodens 200-W	Pkg 41	Pkg 42	Pkg 43	Pkg 44	Pkg 45	Pkg 46	Pkg 47	Pkg 48	Pkg No.
B2HA 399	B2HAB79	B2HAB80	B2HAB81	B2HAB82	B2HAB83	B2HAB84	B2HAB85	B2HAB86	Order No.
Total Input	798	1197	1596	1596	1995	2394	2793	3192	MBH
Total Output	750	1125	1500	1500	1875	2250	2625	3000	MBH
Config. Dwg.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	
LLH	200/120	250/150	300/200	300/200	300/200	400/200	450/250	450/250	
	41,040.-	57,573.-	76,804.-	80,162.-	96,275.-	112,510.-	133,011.-	151,852.-	USD
Vitodens 200-W	Pkg 49	Pkg 50	Pkg 51	Pkg 52	Pkg 53	Pkg 54	Pkg 55	Pkg 56	Pkg No.
B2HA 530	B2HAB87	B2HAB88	B2HAB89	B2HAB90	B2HAB91	B2HAB92	B2HAB93	B2HAB94	Order No.
Total Input	1060	1590	2120	2120	2650	3180	3710	4240	MBH
Total Output	990	1485	1980	1980	2475	2970	3465	3960	MBH
Config. Dwg.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	
LLH	250/150	300/200	400/200	400/200	400/200	450/250	450/250	500/300	
	47,670.-	67,278.-	91,222.-	92,704.-	111,922.-	132,800.-	154,746.-	177,592.-	USD

1.2

► Boiler standard working pressure: 30 psig up to B2HA 352, 80 psig for B2HA 399/530;

For 30 psig, order optional PRV 9542 940, **List Price \$ 40.-**.

For 45 psig, order optional PRV 9549 944, **List Price \$ 66.-**.

► Boiler is suitable for operation with a balanced flue. Please use a certified Category IV vent system of PP(s), stainless steel or CPVC.

Package Standard Equipment:

- Vitodens 200-W, size and quantity as above
- Vitotronic 300-K, MW2C cascade control and KMK comm. cards
- Boiler manifold with low-loss header (insulation optional)
- Boiler pumps 120/1/60 including all connection fittings
- Neutralization tank(s)

Other Equipment / Options

(not included in Package Standard Equipment):

- All venting, common or otherwise
- Insulation for boiler manifold
- Insulation for low-loss header
- Factory start-up

► Engineered seismic bracket kits, which comply with local seismic requirements, are available from Viessmann.

For multiple Vitodens 200-W B2HA 2-boiler manifold, in-line system, order

ZK01736, **List Price \$ 7,430.-**.

For multiple Vitodens 200-W B2HA 3-boiler manifold, in-line system, order

ZK01737, **List Price \$ 7,430.-**.

For multiple Vitodens 200-W B2HA 4-boiler manifold, in-line system, order

ZK01738, **List Price\$ 13,030.-**.

For multiple Vitodens 200-W B2HA 4,5,6-boiler manifold, back-to-back system, order

ZK01739, **List Price \$ 7,858.-**.

For multiple Vitodens 200-W B2HA 7-boiler manifold, back-to-back system, order

ZK01740, **List Price\$ 10,872.-**.

For multiple Vitodens 200-W B2HA 8-boiler manifold, back-to-back system, order

ZK01741, **List Price\$ 13,886.-**.

- Manifold Insulation (optional) must be installed prior to mounting boilers.
- All boiler manifolds must be shipped and installed with a properly sized low-loss header.
- Use only the configurations above- do **not** mix different boiler sizes.
- All pumps are Grundfos UPS26-150F or UPS26-99FC.

VITODENS 200-W

Multiple Boiler Installations Without Manifold

Vitodens 200-W	LON Communication Packages:							No. Boilers
	2	3	4	5	6	7	8	
Multiple Boiler Packages								
Vitodens 200-W	Pkg 17	Pkg 18	Pkg 19	Pkg 21	Pkg 22	Pkg 23	Pkg 24	Pkg No.
B2HA 285	B2HAH51	B2HAH52	B2HAH53	B2HAH54	B2HAH55	B2HAH56	B2HAH57	Order No.
Total Input	570	855	1140	1425	1710	1995	2280	MBH
Total Output	520	780	1040	1300	1560	1820	2080	MBH
Config. Dwg.	No. 1	No. 2	No. 3	No. 5	No. 6	No. 7	No. 8	
LLH	200/120	200/120	250/150	300/200	300/200	300/200	400/200	
	26,686.–	38,335.–	49,984.–	61,633.–	73,282.–	84,931.–	96,580.–	USD
Vitodens 200-W	Pkg 25	Pkg 26	Pkg 27	Pkg 29	Pkg 30	Pkg 31	Pkg 32	Pkg No.
B2HA 311	B2HAH58	B2HAH59	B2HAH60	B2HAH61	B2HAH62	B2HAH63	B2HAH64	Order No.
Total Input	622	933	1244	1555	1866	2177	2488	MBH
Total Output	588	882	1176	1470	1764	2058	2352	MBH
Config. Dwg.	No. 1	No. 2	No. 3	No. 5	No. 6	No. 7	No. 8	
LLH	200/120	250/150	250/150	300/200	300/200	400/200	400/200	
	27,626.–	39,745.–	51,864.–	63,983.–	76,102.–	88,221.–	100,340.–	USD
Vitodens 200-W	Pkg 33	Pkg 34	Pkg 35	Pkg 37	Pkg 38	Pkg 39	Pkg 40	Pkg No.
B2HA 352	B2HAH65	B2HAH66	B2HAH67	B2HAH68	B2HAH69	B2HAH70	B2HAH71	Order No.
Total Input	704	1056	1408	1760	2112	2464	2816	MBH
Total Output	666	999	1332	1665	1998	2331	2664	MBH
Config. Dwg.	No. 1	No. 2	No. 3	No. 5	No. 6	No. 7	No. 8	
LLH	200/120	250/150	300/200	300/200	400/200	400/200	450/250	
	29,146.–	42,025.–	54,904.–	67,783.–	80,662.–	93,541.–	106,420.–	USD

- Manifold Insulation (optional) must be installed prior to mounting boilers.
- The Multiple Boiler Low-Loss Distribution Manifolds above are **not** for use with any boiler other than Vitodens 200-W, B2HA Series.
- All boiler manifolds must be shipped and installed with a properly sized low-loss header.
- Use only the configurations above- do **not** mix different boiler sizes.
- All pumps are Grundfos UPS26-99FC.

Package Standard Equipment:

- Data cables and set of resistors included.
- Vitodens 200-W, size and quantity as above
- Vitotronic 300-K, MW2C cascade control & LON comm. cards
- Boiler manifold with low-loss header (insulation optional)
- Boiler pumps 120/1/60 including all connection fittings
- Neutralization tank(s)

Other Equipment / Options

(**not** included in Package Standard Equipment):

- All venting, common or otherwise
- Insulation for boiler manifold
- Insulation for low-loss header
- Factory start-up

► Engineered seismic bracket kits, which comply with local seismic requirements, are available from Viessmann.

For multiple Vitodens 200-W B2HA 2-boiler manifold, in-line system, order ZK01736, **List Price \$ 7,430.–.**

For multiple Vitodens 200-W B2HA 3-boiler manifold, in-line system, order ZK01737, **List Price \$ 7,430.–.**

For multiple Vitodens 200-W B2HA 4-boiler manifold, in-line system, order ZK01738, **List Price \$ 13,030.–.**

For multiple Vitodens 200-W B2HA 4,5,6-boiler manifold, back-to-back system, order ZK01739, **List Price \$ 7,858.–.**

For multiple Vitodens 200-W B2HA 7-boiler manifold, back-to-back system, order ZK01740, **List Price \$ 10,872.–.**

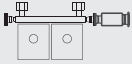
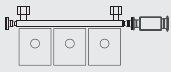
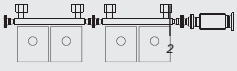
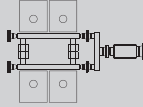
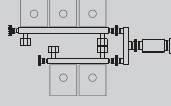
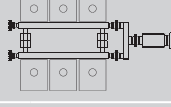
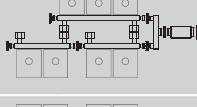
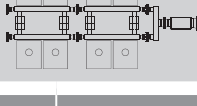
For multiple Vitodens 200-W B2HA 8-boiler manifold, back-to-back system, order ZK01741, **List Price \$ 13,886.–.**

- Manifold Insulation (optional) must be installed prior to mounting boilers.
- All boiler manifolds must be shipped and installed with a properly sized low-loss header.
- Use only the configurations above- do **not** mix different boiler sizes.
- All pumps are Grundfos UPS26-150F.

VITODENS 200-W

Multiple Boiler Installations

Please contact your local Viessmann Representative for more information.

Vitodens 200-W							
Configuration Drawings	In-Line (top view)				Back-to-Back (top view)		
	No. 1 						
	No. 2 						
	No. 3 				No. 4 		
					No. 5 		
					No. 6 		
					No. 7 		
					No. 8 		
Componentry Break-Out Pricing	Manifold	LLH (See selection below)	Boiler fittings kit	Manifold fittings kit	Y-Piece (Req for Bk-to-bk install. only)	Adaptor ¹	
	7537 703 2-boiler install 3,270.-	1 req'd	7535 929 1 per boiler req'd 698.-	7535 930 1 per manifold req'd 518.-	7537 721 Set of 2 2,420.-	7201 963 Need to order 2 938.-	Order No. Size/Type USD
	7537 704 3-boiler install 3,800.-	1 req'd	7535 929 1 per boiler req'd 698.-	7535 930 1 per manifold req'd 518.-	7537 721 Set of 2 2,420.-	7201 963 Need to order 2 938.-	Order No. Size/Type USD
Low-Loss Headers selection							
7537 705 160/80 1,750.-	7537 706 200/120 2,140.-	7537 707 250/150 2,560.-	7537 708 300/200 2,950.-	7537 709 400/200 4,010.-	7537 710 450/250 5,670.-	7537 711 500/300 6,570.-	Order No. Size/Type USD
LLH fittings kit: 7535 931 121.-							Order No. USD

¹ An Adaptor Set is required if manifolds are connected directly to 400/200 LLH and larger, or if a Y-Piece is connected to smaller than 400/200 LLH. For additional information, please refer to the manifold installation instructions. Adaptor need September vary depending on desired configuration.

- ▶ Maximum 4 boilers for in-line configuration.
- ▶ For other configurations (not listed above), please contact Viessmann - do **not** mix different boiler sizes.

VITODENS 200-W

Multiple Boiler Installations Without Manifold

Vitodens 200-W	LON Communication Packages:							No.Boilers
	2	3	4	5	6	7	8	
Multiple Boiler Packages								
Vitodens 200-W	Pkg 41	Pkg 42	Pkg 43	Pkg 45	Pkg 46	Pkg 47	Pkg 48	Pkg No.
B2HA 399	B2HAH72	B2HAH73	B2HAH74	B2HAH75	B2HAH76	B2HAH77	B2HAH78	Order No.
Total Input	798	1197	1596	1995	2394	2793	3192	MBH
Total Output	750	1125	1500	1875	2250	2625	3000	MBH
Config. Dwg.	No. 1	No. 2	No. 3	No. 5	No. 6	No. 7	No. 8	
LLH	200/120	250/150	300/200	300/200	400/200	450/250	450/250	
	30,864.-	44,602.-	58,340.-	72,078.-	85,816.-	99,554.-	113,292.-	USD
Vitodens 200-W	Pkg 49	Pkg 50	Pkg 51	Pkg 53	Pkg 54	Pkg 55	Pkg 56	Pkg No.
B2HA 530	B2HAH79	B2HAH80	B2HAH81	B2HAH82	B2HAH83	B2HAH84	B2HAH85	Order No.
Total Input	1060	1590	2120	2650	3180	3710	4240	MBH
Total Output	990	1485	1980	2475	2970	3465	3960	MBH
Config. Dwg.	No. 1	No. 2	No. 3	No. 5	No. 6	No. 7	No. 8	
LLH	250/150	300/200	400/200	400/200	450/250	450/250	500/300	
	37,704.-	53,917.-	70,760.-	87,603.-	104,446.-	121,289.-	138,132.-	USD

► Boiler standard working pressure: 30 psig up to B2HA 352, 80 psig for B2HA 399/530;

For 30 psig, order optional PRV 9542 940, **List Price \$ 40.-**.

For 45 psig, order optional PRV 9549 944, **List Price \$ 66.-**.

► Boiler is suitable for operation with a balanced flue. Please use a certified Category IV vent system of PP(s), stainless steel or CPVC.

Package Standard Equipment:

- Vitodens 200-W, size and quantity as above
- Vitotronic 300-K, MW2C cascade control and LON comm. cards
- Boiler manifold with low-loss header (insulation optional)
- Boiler pumps 120/1/60 including all connection fittings
- Neutralization tank(s)

Other Equipment / Options

(**not** included in Package Standard Equipment):

- All venting, common or otherwise
- Insulation for boiler manifold
- Insulation for low-loss header
- Factory start-up

► Engineered seismic bracket kits, which comply with local seismic requirements, are available from Viessmann.

For multiple Vitodens 200-W B2HA 2-boiler manifold, in-line system, order ZK01736, **List Price \$ 7,430.-**.

For multiple Vitodens 200-W B2HA 3-boiler manifold, in-line system, order ZK01737, **List Price \$ 7,430.-**.

For multiple Vitodens 200-W B2HA 4-boiler manifold, in-line system, order ZK01738, **List Price \$ 13,030.-**.

For multiple Vitodens 200-W B2HA 4,5,6-boiler manifold, back-to-back system, order ZK01739, **List Price \$ 7,858.-**.

For multiple Vitodens 200-W B2HA 7-boiler manifold, back-to-back system, order ZK01740, **List Price \$ 10,872.-**.

For multiple Vitodens 200-W B2HA 8-boiler manifold, back-to-back system, order ZK01741, **List Price \$ 13,886.-**.

- Manifold Insulation (optional) must be installed prior to mounting boilers.
- All boiler manifolds must be shipped and installed with a properly sized low-loss header.
- Use only the configurations above- do **not** mix different boiler sizes.
- All pumps are Grundfos UPS26-150F.

VITODENS 200-W

Multiple Boiler Installations

*Please contact your local Viessmann Representative for more information.***Multiple Boiler Low-Loss Distribution Manifold****Accessories****Flange Connection Set**

to install a field supplied 90° elbow set

- 4 x 4" ANSI flanges with welded on 4" NPT coupling
- including all necessary bolts and gaskets

List Price

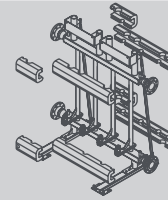
7537 723

Order No.

1,340.–**USD****Insulation****Manifold Insulation**

to minimize significant stand-by heat losses in the mechanical room

- including 8 insulation shells, holding straps with bolts

*Pictured is the 2-boiler manifold.**Manifold is sold separately.*

7537 712

Order No.

2-boiler set

1,230.–**USD**

7537 713

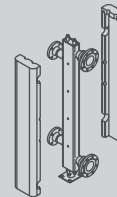
Order No.

3-boiler set

2,070.–**USD****Low-Loss Header Insulation**

to minimize significant stand-by heat losses in the mechanical room

- including 2 insulation shells, holding straps with bolts

Low-loss header is sold separately.

7537 714

Order No.

160/80

799.–**USD**

7537 715

Order No.

200/120

1,030.–**USD**

7537 716

Order No.

250/150

1,170.–**USD**

7537 717

Order No.

300/200

1,340.–**USD**

7537 718

Order No.

400/200

1,450.–**USD**

7537 719

Order No.

450/250

1,750.–**USD**

7537 720

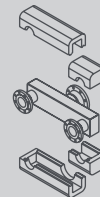
Order No.

500/300

2,000.–**USD****Y-Piece Insulation (pair)**

to minimize significant stand-by heat losses in the mechanical room

- including 8 insulation shells, holding straps with bolts

*Pictured is a single y-piece assembly.**Y-piece is sold separately.*

7537 722

Order No.

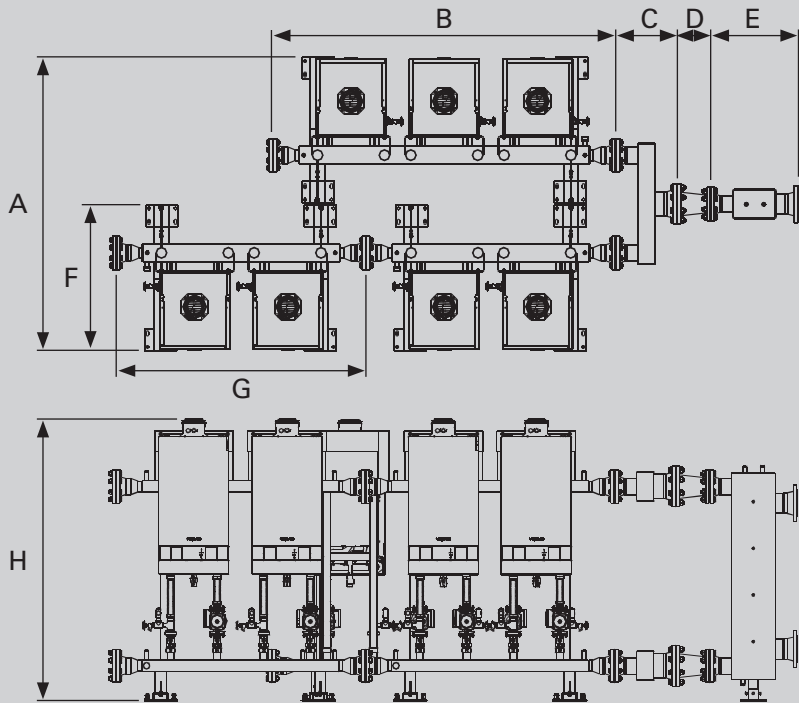
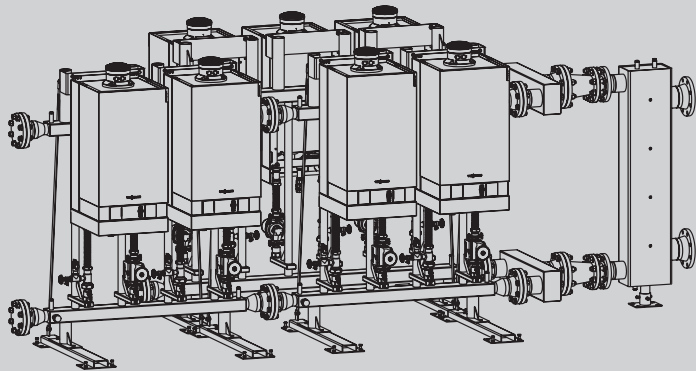
603.–**USD****1.2**

VITODENS 200-W

Multiple Boiler Installations
Please contact your local Viessmann Representative for more information.

Vitodens 200-W

- Sample Dimensions
- 7 boiler manifold
 - size B2HA 530 boiler (maximum dimensions given)



Technical Data	A	B	C	D	LLH Size	E	F	G	H	
	91	92½	16½	9	160/80	19¼	45¼	67½	75½	inches
	2314	2352	420	229	200/120	486	1152	1712	1920	mm
					250/150	19¾				inches
					300/200	500				mm
					400/200	21¾				inches
					450/250	550				mm
					500/300	23¾				inches
						600				mm
						27½				inches
						700				mm
						33½				inches
						850				mm
						35½				inches
						900				mm

VITODENS 200-W

Multiple Boiler Installations
Vitotronic 300-K, MW2C

Wall-Mounted Master Boiler Control		
Vitotronic 300-K		
Vitotronic 300-K, MW2C Series wall-mounted, digital indoor/outdoor master boiler and heating system control for up to 8 Vitodens 200-W boilers • with color touch screen user interface • with electronic circuit board for the 2nd and 3rd heating circuit with mixing valve • with domestic hot water production features, including sensor • including strap-on supply temperature sensor for low-loss header (NTC 10 kOhm) • capable of communication with Vitodens 200-W via KM-BUS or LON (if equipped with optional LON Comm Module) • capable of communication with Vitotronic 200-H via LON-BUS if equipped with LON Communication Module (optional)  Viessmann Mixing Valve Motor For each heating circuit with Viessmann mixing valve, one mixing valve motor is required: 7509 472 List Price \$ 420.– Mixing Valve Adaptor, 120V required for each Viessmann mixing valve motor 7134 560 List Price \$ 311.– For larger sizes of mixing valves, please refer to Centra mixing valves and mixing valve motor on following page.	7727 574 2,760.–	Order No. USD
KMK Communication Module Electronic circuit board enabling data communication via Viessmann KMK system BUS between Vitotronic 300-K and Vitodens 200-W. For installation inside Vitodens 200-W. <i>Order one unit per Vitodens 200-W.</i>	7441 586 251.–	Order No. USD
LON Communication Module Electronic circuit board for installation inside Vitotronic to enable communication via Viessmann LON system BUS. For installation inside the following controls: • Vitotronic 300-K, MW2C Series	7172 174 600.–	Order No. USD
LON Communication Module Electronic circuit board for installation inside Vitotronic to enable communication via Viessmann LON system BUS. For installation inside the following controls: • Vitotronic 200, HO1B <i>Order one unit per Vitodens 200-W.</i>	7179 113 595.–	Order No. USD
Versatronik 503 NR2/Analog Bridge Allows for the integration of an E-series boiler into an Vitotronic cascade (LON) system. Communicates to Vitotronic cascade via LON (CAT5) Simulates a Vitotronic boiler, and sends command to target boiler via 0-10V Feedback boiler temp to cascade using strap-on temp sensor (included) Feedback boiler modulation and fault via 0-10V and digital fault output Wall mount box, 120V (cord included) <i>*Requires one unit per boiler</i>	7984 983 927.–	Order No. USD

1.2

VITODENS 200-W

Multiple Boiler Installations
Vitotronic 300-K, MW2C Accessories

Accessories

Viessmann Mixing Valves

Viessmann Mixing Valve Motor, 120/1/60

- for Viessmann 3- and 4-way mixing valves only
- order one mixing valve per low-temperature heating circuit
- including strap-on supply temperature sensor (NTC 10 kOhm)

Maximum 2 Mixing Valve Motors per Vitotronic 300-K, MW2C (multiple-boiler application) ¹



7509 472
420.–

Order No.
USD

Mixing Valve Adaptor, 120V

required for each Viessmann mixing valve motor

- 120/1/60

7134 560
311.–

Order No.
USD

Viessmann 3-Way Mixing Valves



¾"
7134 742
518.–

1"
7134 743
550.–

1¼"
7134 744
621.–

1½"
7134 745
694.–

2"
7134 746
818.–

Dia
Order No.
USD

Centra Mixing Valves

Centra Mixing Valve Motor, 24/1/60

- for Centra 3 mixing valve only
- order one mixing valve per low-temperature heating circuit
- including strap-on supply temperature sensor (NTC 10 kOhm)

Maximum 2 Mixing Valve Motors per Vitotronic 300-K, MW2C (multiple-boiler application) ¹



9544 483
887.–

Order No.
USD

Mixing Valve Adaptor, 24V

required for each mixing valve motor

- 24/1/60

7134 559
396.–

Order No.
USD

Centra 3-Way Mixing Valves ²

- including flange set
- including strap-on supply temperature sensor (NTC 10 kOhm)



2½"
ZK01151
1,505.–

3"
ZK01152
2,078.–

4"
ZK01153
2,574.–

5"
ZK01154
3,878.–

6"
ZK01155
5,395.–

Dia
Order No.
USD

¹ Maximum 2 Mixing Valve Motors in any combination of 120/1/60 or 24/1/60.

² Each mixing valve package includes 1 x 7832 365 Viessmann strap-on supply sensor #2.

If mixing valves are field supplied (or already installed in a preexisting application),

please order 1 x 7832 365 for each mixing valve. **List Price \$258.–**

► Up to 4 x Vitodens 200, B2HA Series boilers of the same size September be common vented, each boiler connected to the common venting system requires the use of a common venting kit, order one kit per boiler; B2HA 285 kit # 7995 375, b2HA 311 kit # 7995 374, B2HA 352 kit # 7995 373, B2HA 399 kit 7995 372, B2HA 530 kit # 7995 371

VITODENS 200-W

Multiple Boiler Installations
Vitotronic 300-K, MW2C Accessories

Accessories

Expanded Functions

Extension Module EA1 wall-mounted extension module whose inputs and outputs enable up to 5 additional functions: - boiler setpoint temperature 1 Analog input (0 - 10 V). - boiler setpoint temperature 3 Digital inputs. - external operating status change of heating circuits 1 to 3 - external deactivation - external deactivation with compiled fault indication - external request for a minimum boiler water temperature - fault notification - brief operation of DHW recirculation pump 1 Output contact (potential-free) - compiled fault indication - control of a DHW recirculation pump	7533 426 637.-	Order No. USD
LWCO Device ■ for single boiler installation or for use with Common LWCO Device (below) for multiple Vitodens 200-W installation	7849 659 470.-	Order No. USD
Common LWCO Device Interface ■ to integrate one single LWCO device with Vitodens 200-W boilers installed on a Viessmann Multiple Boiler Low-Loss Distribution Manifold Order one unit for 2-4 Vitodens 200-W. Order two units for 5-8 Vitodens 200-W. LWCO sold separately.	7560 749 698.-	Order No. USD

Sensors

Room Temperature Sensor (wall mount, NTC 10 kOhm) for use with Vitotrol 300-A Order <i>Room Temperature Sensor</i> if <i>Vitotrol 300-A</i> cannot be installed in a centralized location to measure room temperature.		7438 537 206.-	Order No. USD
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Remote Controls

Vitotrol 200-A ¹ (KM-BUS protocol) User interface to operate one heating circuit: - daytime temperature and operating program - with party and energy-saving button - display of outside temperature, room temperature and operational settings - with room temperature sensor for room-dependent activation (for heating circuit with mixing valve only)		7438 363 314.-	Order No. USD
Vitotrol 300-A ¹ (KM-BUS protocol) User interface to operate one, two or three heating circuits: - daytime temperature, set-back temperature, DHW temperature, operating and holiday program, as well as party and energy-saving function - timer program for heating circuits, DHW production, and DHW recirculation pump - illuminated graphic display to show outdoor temperature, room temperature, operational settings together with descriptive texts - with room temperature sensor for room-dependent activation (for heating circuit with mixing valve only)		7571 231 529.-	Order No. USD

¹ If the Vitotrol is to operate based upon room-dependent activation, ensure placement in a **centralized** location.
For Vitotrol 300-A only, order Room Temperature Sensor 7438537 if it cannot be installed in a centralized location.

VITODENS 200-W

Multiple Boiler Installations
Vitotronic 300-K, MW2C Accessories

Accessories

Other

KM-BUS Expansion Module

to connect between 2 and 9 additional devices to the KM-BUS

7133 393
201.–

Order No.
USD

Solar DHW Production and Supplemental Heating

Solar Module SM1

wall-mounted extension module with electronic differential control for dual-coil DHW production and to supplement space heating using solar collectors when used with oil/gas-fired heating boilers.

- heating output balancing and diagnostic system
- operation and display via boiler control
- management of two tank systems from one collector field
- second electronic differential control
- thermostat function for supplemental heating or use of surplus heat
- variable speed pump controller for solar circuit pump via pulse-width control, or for solar circuit pump with PWM-input (mfg Grundfos)
- solar-dependent management of the DHW storage tank, while suppressing the boiler
- solar-dependent management of the space heating circuit, while suppressing the boiler
- includes one tank sensor and one collector sensor
- 120V, 60Hz, 2A in CSA housing, with 6.5' / 2m cord and 120V plug

7533 427
859.–

Order No.
USD

Order immersion sensor 7438 702 if the following features are required:

- for circulation management in systems with 2 storage tanks
- for return flow management between boiler and hot water buffer tank
- to supply heat to additional accessories

7438 702
201.–

Order No.
USD

Communication

KMK Communication Module

electronic circuit board enabling data communication via Viessmann KMK system BUS between Vitotronic 300-K and Vitodens 200-W. For installation inside Vitodens 200-W.
Order one unit per Vitodens 200-W.

7441 586
251.–

Order No.
USD

LON Communication Module

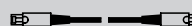
electronic circuit board enabling data communication via Viessmann LON system BUS. For installation inside Vitotronic 300-K, MW2C.

7172 174
600.–

Order No.
USD

LON Connecting Cable, 23ft / 7m

for data exchange between controls



7143 495
87.–

Order No.
USD

LON Extension Jack

to extend LON Connecting Cable

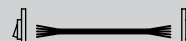


7143 496
84.–

Order No.
USD

LON Connecting Terminal (RJ, 2 Pieces)

to connect to field cabling via wall-mount boxes



7171 784
164.–

Order No.
USD

LON Terminal Resistor (2 Pieces)

to terminate the system BUS, a resistor must be installed on each free end

7143 497
28.–

Order No.
USD

VITOCROSSAL 200

Gas-fired, commercial, condensing boiler



2.1

Vitocrossal 200 ®

CI2 Series and accessories

Vitocrossal 200

CI2 Series 399, 500, 750, 1000, 1500 and 2000

High efficiency, gas-fired condensing boiler with pre-mix modulating cylinder burners for natural gas (NG) or liquid propane gas (LPG), with Inox-Crossal heat exchanger made of high-grade SA240 stainless steel.

For operation without low limit on boiler return water temperature

For closed loop hot water heating systems with maximum supply water temperatures of 210°F (99°C) for a maximum operating pressure of 80 psig.

Heating input: 399 to 2000 MBH (117 to 586 kW)

- Efficiency up to 98% through intensive condensation. The flue gas temperature is only approximately 9°F-27°F (5°C-15°C) above boiler return temperature.
- Highest water volume in class; no primary boiler pump required
- Efficient combustion control with Lambda Pro Plus with Self Calibrating Active O2 Trim Technology; realtime O2 trim, fuel conversion and altitude adjustment with push of a button
- High operational reliability and long service life with corrosionresistant Inox-Crossal stainless steel heat exchanger; class leading low pressure drop and thermal efficiency
- Up to 30:1 modulating MatriX cylinder burner ensures long, uninterrupted operation; meets Low NOx certification
- Cascading of up to 16 devices possible (up to 32,000 MBH)
- Low NOx <20 ppm (@3% O2 with natural gas)
- High altitude operation up to 10,000 ft. (3000 m) with a simple electronic adjustment.

VITOCROSSAL 200

The Vitocrossal 200 CI2 is priced on a quotation basis only due to varying application requirements.
Please contact your local Viessmann Representative for more information.

Vitocrossal 200							
	399	500	750	1000	1500	2000	Model No.
Single Boiler Installations							
Vitocrossal 200, CI2	ZK06778 13,151.–	ZK06779 15,551.–	ZK06780	ZK06781	ZK06782	ZK06783	Order No.
Input ¹	50-399 14.7-117	50-500 14.7-147	75-750 22-220	100-1000 29.3-293	50-1500 14.7-440	100-2000 29.3-586	MBH kW
Output (thermal efficiency)	391 114	490 143	734 215	977 286	1460 428	1940 568	MBH kW
Technical Data							
Combustion Efficiency ²	97	97	96.9	96.8	96.6	96.5	%
Thermal Efficiency ²	98	97.9	97.8	97.7	97.3	97	%
Dimensions	Length	39	39	47¼	47¼	56¼	56¼
		992	992	1200	1200	1428	1428
	Width	29½	29½	29½	29½	29½	29½
		750	750	750	750	750	750
Height		64½	64½	64½	64½	78¾	78¾
		1640	1640	1640	1640	1998	1998
Boiler Vent Connection		4	4	6	6	6	8
		104.2	104.2	155	155	155	205.2
Weight		789	789	963	963	1812	1969
	Includes burner, control, thermal insulation and jacketing. Excluding vent system	358	358	437	437	822	894

Standard Boiler Equipment

Includes:

- ▶ Low water cut-off
- ▶ Gas shut off valve
- ▶ Safety header (c/w 80 psig pressure relief valve, air vent and temperature/pressure gauges)
- ▶ Drain valve
- ▶ Thermal insulation
- ▶ Cylinder burners
- ▶ Integrated boiler control unit with 7in. touchscreen display
- ▶ NG to LPG labeling kits
- ▶ Product documentation

Optional Sensors (to be purchased separately if required for the application)

- ▶ Outdoor temperature sensor
Part# 7837 053, List Price \$ 195.–.
- ▶ Immersion sensor for DHW tank or low loss header
Part# 7179 488, List Price \$ 227.–.
- ▶ Strap-on temperature sensor for common supply
Part# 7832 365, List Price \$ 258.–.

Boiler standard working pressure: 80 psig

- ▶ 30 psig, order optional pressure relief valve ZK07627, List Price \$ 449.–.
- ▶ 50 psig, order optional pressure relief valve ZK07628, List Price \$ 514.–.
- ▶ 55 psig, order optional pressure relief valve ZK07629, List Price \$ 330.–.
- ▶ 75 psig, order optional pressure relief valve 7417 236, .

¹ Minimum input for NG; for minimum input LP, please see Technical Data Manual.

² Tested to ANSI/AHRI standard 1500 Performance Rating of Commercial Space Heating Boilers / DOE Test Procedure 81 FR 89276 / U.S. Standards ANSI Z21.13/CSA 4.9.

VITOCROSSAL 200

Accessories

The Vitocrossal 200 CI2 is priced on a quotation basis only due to varying application requirements.
Please contact your local Viessmann Representative for more information.

Accessories		
Isolation Valves		
Boiler isolation valves Motorized isolation valve, power open, spring return, for use with Vitocrossal 200 CI2.		
• Isolation Valve (Belimo) 2" for CI2 399/500	7946 553 1,150.-	Order No. USD
• Isolation Valve (Belimo) 2.5" for CI2 750/1000	7946 552 1,260.-	Order No.
• Isolation Valve (Belimo) 4" for CI2 1500/2000	7946 551 4,500.-	Order No.
Exhaust Vacuum		
Exhaust vacuum relief damper Vacuum relief damper, for use in CI2 venting configurations to protect venting system from damage during possible power interruptions which could lead to sudden differences in pressure.		
• Exhaust Vacuum Relief Damper 4" for CI2 399/500	7946 556 643.-	Order No. USD
• Exhaust Vacuum Relief Damper 6" for CI2 750/1000/1500	7946 555 712.-	Order No.
• Exhaust Vacuum Relief Damper 8" for CI2 2000	7946 554 776.-	Order No.
Flue Gas Damper		
Flue gas damper for common venting systems Common Venting motorized flue gas damper. For use with Vitocrossal 200 CI2. Note- common vented boilers must all be the same size. Order one vent damper per boiler.		
• Flue Gas Damper 4" for CI2 399/500	7946 559 1,870.-	Order No. USD
• Flue Gas Damper 6" for CI2 750/1000/1500	7946 558 1,930.-	Order No.
• Flue Gas Damper 8" for CI2 2000	7946 557 1,990.-	Order No.
Filter Status Indicator		
Combustion Air Intake filter status indicator Filter status set for Vitocrossal 200 CI2. Air switch (including wiring) and mounting set. This filter status set is universal to all sizes of CI2.		
• Filter Status Set	7946 560 71.-	Order No. USD
Air Intake Kits		
Direct vent (2 pipe) system Kit Air intake kit for Vitocrossal 200 CI2 boilers. Includes air intake box, spiral coiled flexible air intake piping and connection adapter. Order 1 per boiler.		
• Air Intake Kit 399-500 MBTU / 127-160 kW	7946 564 441.-	Order No. USD
• Air Intake Kit 750-1000 MBTU / 238-318 kW	7946 563 455.-	Order No.
• Air Intake Kit 1500 MBTU with Air Box	ZK06673 1,419.-	Order No.
• Air Intake Kit 2000 MBTU with Air Box	ZK06674 1,408.-	Order No.
Air Filterbox		
Combustion air filter for direct vent (2 pipe) system (includes air filter)		
• Air Filterbox 399-1000 MBTU / 127-318 kW -Need to order with either P/N 7946 564 (ci2 399-500) or P/N 7946 563(CI2 750-1000).	7946 566 1,196.-	Order No. USD
• Air Filterbox 1500-2000 MBTU / 477-636 kW -Need to order with either P/N ZK06673(CI2 1500) or ZK06674(CI2 2000)	7946 565 1,453.-	Order No.
Air filters		
Burner mounted combustion air filter- room air dependent operation		
• Airfilter 399-500 MBTU / 127-160 kW	7946 571 247.-	Order No. USD
• Airfilter 750- 1000 MBTU / 238-318 kW	7946 570 383.-	Order No.
• Airfilter 1500 MBTU / 477 kW	7946 569 1,280.-	Order No.
• Airfilter 2000 MBTU / 636 kW	7946 568 1,480.-	Order No.
CPVC Vent Starter Adaptor		
• 4" (104.2mm) for use with CI2 399/500	7975 564 74.-	Order No. USD
• 6" (155mm) for use with CI2 750/1000/1500	7975 565 109.-	Order No.
• 8" (205.2mm) for use with CI2 2000	7975 566 205.-	Order No.

2.2

VITOCROSSAL 200

The Vitocrossal 200 CI2 is priced on a quotation basis only due to varying application requirements.
Please contact your local Viessmann Representative for more information.

Accessories		
Combustion Air Interface Device		
Interface Combi Air Device		
CI2 24VAC	7984 763 483.–	Order No. USD
CI2 120VAC	7984 764 467.–	Order No. USD
Seismic Restraint Kit		
Seismic Restraint Kit		
Engineered seismic bracket kits, which comply with local seismic requirements	7975 847 1,100.–	Order No. USD

The Vitocrossal 200 CI2 is priced on a quotation basis only due to varying application requirements.

Please contact your local Viessmann Representative for more information.

Accessories						
Heating circuit control unit extension						
EM-M1 mixing valve extension kit (wall mounting maximum of 3) (PlusBus subscriber) For one heating circuit with mixing valve, fully wired. Includes valve mounted 120VAC mixing valve motor for Viessmann 3 and 4 way mixing valves Flow temperature sensor as contact temperature sensor (NTC 10 kOhm) with connecting lead (5.8 m long) and plug Plug for heating circuit pump and mixing valve motor Power cable and PlusBus cable with plug With immersion temperature sensor connector for Low-Loss header (immersion temperature sensor must be ordered separately)					ZK06488 1,030.-	Order No. USD
Viessmann 3-Way Mixing Valves		$\frac{3}{4}$ " 7134 742 518.-	1" 7134 743 550.-	$1\frac{1}{4}$ " 7134 744 621.-	$1\frac{1}{2}$ " 7134 745 694.-	2" 7134 746 818.- Dia Order No. USD
Centra Mixing Valves						
Heating circuit control unit extension						
EM-M1 24V mixing valve extension kit (wall mounting maximum of 3) (PlusBus subscriber) For one heating circuit with mixing valve, fully wired. Flow temperature sensor as contact temperature sensor (NTC 10 kOhm) with connecting lead (5.8 m long) and plug Plug for heating circuit pump and mixing valve motor Power cable and PlusBus cable with plug					7970 653 828.-	Order No. USD
Centra Mixing Valve Motor, 24/1/60 - for Centra 3 way mixing valve only - order one mixing valve per low-temperature heating circuit					9544 483 887.-	Order No. USD
Centra 3-Way Mixing Valves ■ including flange set MV Set (Centra), 3-Way NTC		$2\frac{1}{2}$ " ZK07111 1,247.-	3" ZK07112 1,820.-	4" ZK07113 2,316.-	5" ZK07114 3,620.-	6" ZK07115 5,137.- Dia Order No. USD
Function extensions						
EM-P1 extension (PlusBus subscriber) Function extension inside enclosure for wall mounting. Connection for heating circuit pump for the heating circuit without mixing valve Connection for DHW circulation pump Immersion temperature sensor connector for Low-Loss header (immersion temperature sensor must be ordered separately) <i>Required for e.g. a single heating circuit without mixing valve with Low-Loss header (separate heating circuit pump).</i>					7956 969 560.-	Order No. USD
EM-EA1 extension (PlusBus subscriber) Function extension inside enclosure for wall mounting. Using the inputs and outputs allows one of the following functions to be achieved. Up to max. 3 EM-EA1 extensions can be connected to a boiler. Connection of an external solenoid valve External extractor interlock Fault message input 24 V and block system Fault message input 120 V and block system Fault message output Operating mode changeover (all heating circuits) Input 0- 10 V for external temperature demand <i>Required for connection of fault messages, e.g. from the condensate removal pump.</i>					7956 970 680.-	Order No. USD

VITOCROSSAL 200

Control unit accessories

The Vitocrossal 200 CI2 is priced on a quotation basis only due to varying application requirements.

Please contact your local Viessmann Representative for more information.

Wago Communication Technology		
Wago Gateway		
Wago BACnet/IP Gateway Wall-Mount	7959 026 1,330.–	Order No. USD
Wago BACnet/IP with MSTP Router Gateway Wall-Mounted	7959 025 1,820.–	Order No. USD
Wago MB/RTU Gateway Wall-Mount	7959 027 1,330.–	Order No. USD
Wago MB/TCP Gateway Wall-Mount	7959 028 1,330.–	Order No. USD
Upgrade Kit, Wago Gateway MSTP Router	7984 988 671.–	Order No. USD

Accessories		
Remote controls		
Vitotrol 200-E Hardwired remote control unit (PlusBus subscriber). With backlit graphic display with plain text. For setting the following functions for one, two, three or up to 4 heating circuits: Hardwired communication with the boiler Time programs for heating circuits and DHW tanks Comfort functions, e.g. holiday program/holiday at home program Specification of the set DHW temperature and up to 3 set values for the room temperature With integral room temperature sensor for room temperature hook-up (only for one heating circuit with mixer) The display shows the outside temperature, room temperature and operating conditions. If the Vitotrol 200-E is to be used for room temperature hook-up, site the device in a main living room (lead room). Order room temperature sensor, part no. 7438537, if the Vitotrol 200-E cannot be sited in a suitable location to capture the room temperature. <i>Max. 2 Vitotrol 200-E per cascade system.</i>	 7372 087 531.–	Order No. USD MG 20

Accessories		
Room temperature sensor (NTC 10 kOhm) In an enclosure for wall mounting <i>To supplement the Vitotrol 200-E</i> <i>If the Vitotrol 200-E cannot be sited in a suitable location to capture the room temperature.</i>	 7438 537 206.–	Order No. USD
Optional Outside Air Temperature sensor.	7837 053 195.–	Order No. USD

Neutralization		
Neutralization System - to neutralize acidic condensate - includes 18 lbs / 8 kg neutralization pellets	7441 823 780.–	Order No. USD
Neutralization Pellets 18 lbs / 8 kg	9521 702 177.–	Order No. USD

Standard Pressure Relief Valve 80 psig

LAMBDA PRO₂ The CI2 features the industry's most advanced active self-calibrating O₂ trim technology for reduced maintenance, greater accuracy, and combustion efficiency.



Internet
Capable



ViGuide App

ViGuide Mobile is a portable commissioning, guided spare parts replacement, and handheld service tool that can be downloaded on IOS and Android operating systems



ViGuide Remote Service Web Application

ViGuide Remote Service Web Application is a connected user interface that utilizes an online (website) application to access boiler data points.

VITOCROSSAL 300

Gas-fired, commercial, condensing boiler
2500 to 6000 MBH / 733 to 1758 kW



Vitocrossal 300®

CA3B Series

High efficiency, gas-fired condensing boiler
with Inox-Lamellar heat exchanger surfaces
of corrosion-resistant stainless steel
and fully-modulating pre-mix cylinder burner
Heating input: 2500 to 6000 MBH
733 to 1758 kW

- **Inox-Lamellar** heat exchanger surfaces made of high grade SA240-316Ti stainless steel for high operational reliability and long service life.
 - Increased self-cleaning effect through smooth stainless steel surfaces.
- New heat exchanger design provides efficient heat transfer and high condensation rate through
 - heat exchanger surfaces which intensely turbulate the flue gas flow
 - boiler water and hot gases flowing in counterflow.
- Intuitive color touchscreen control offers simple viewing of boiler and system information.
- Efficiency up to 98% through intensive condensation.
- Compact footprint and narrow design allows easy handling through narrow passages/door ways.
- Clean combustion - through perfect match of burner and boiler, low combustion chamber loading and straight-through combustion chamber.
 - Available in NG (with LP conversion kit) and NG/LP dual fuel.
 - Modulation range up to 15:1.
- No dedicated boiler pump required due to extremely low pressure drop through heat exchanger.

The Vitocrossal 300 CA3B is priced on a quotation basis only due to varying application requirements.

Please contact your local Viessmann Representative for more information.

Standard Equipment:
Floor-standing boiler, Vitotronic 300 GW6C,
LP conversion kit, and installation fittings.

Boiler is shipped **assembled**.

The Vitocrossal 300 CA3B is priced on a quotation basis only due to varying application requirements.
Please contact your local Viessmann Representative for more information.

For Vitocrossal 300 CA3B Series, order ZK03010,

VITOCROSSAL 300

Dual Fuel

The Vitocrossal 300 CA3B is priced on a quotation basis only due to varying application requirements.
Please contact your local Viessmann Representative for more information.

Boiler Control

Vitotronic 300, GW6C Series

outdoor reset boiler and heating system control

- with color touch screen user interface
- integrated single and master boiler control functionality
- digital outdoor reset boiler and heating system control with digital tracking of day and week with independently programmable timer periods, heating curves, temperature setpoints and operating programs
- with DHW production management (sensor included)
- with integrated diagnostic system and additional functions
- integrated LON-BUS communication functions
- integrated Mixing Valve Extension Module for the 2nd and 3rd heating circuit with mixing valve



For single and multiple boiler packages with ≤ 8 Boiler Sections (see Technical Data), order:

Viessmann Mixing Valve Motor

For **each** heating circuit with a Viessmann mixing valve sized $\frac{3}{4}$ " to 2", **one** mixing valve motor is required:

order 7509 472 List Price **\$ 420.-**

Centra Mixing Valve Motor

For **each** heating circuit with a Centra mixing valve sized 2½" to 6", **one** mixing valve motor is required:

order 9544 483 List Price **\$ 887.-**

Mixing Valve Adaptor, 24V order 7134 559 List Price **\$ 396.-**

Pump Module (Optional Equipment)

for boiler pump; 1 x 0-10V to VFD pump and pump enable dry contact signal

7749 073 List Price **\$ 1,760.-**

(Depending upon system, order min. 0 units, max. 1 per boiler; consult System Design Engineer)

For multiple boiler packages with > 8 Boiler Sections (see Technical Data):

- ensure a Vitocontrol-S, CA3B-xx Series multi-boiler staging control panel is quoted.
- contact Viessmann to obtain a Vitocontrol-C heating system control panel quotation.

Standard Equipment:

Floor-standing boiler, Vitotronic 300 GW6C,
and installation fittings.

Boiler is shipped **assembled**.

VITOCROSSAL 300

Dual Fuel

The Vitocrossal 300 CA3B is priced on a quotation basis only due to varying application requirements.
Please contact your local Viessmann Representative for more information.

Burner Option	CA3B 2.5	CA3B 3.0	CA3B 3.5	CA3B 4.0	CA3B 5.0	CA3B 6.0	Model No.
Viessmann fully-modulating pre-mix cylinder burners Dual Fuel NG and LP	The Vitocrossal 300 CA3B is priced on a quotation basis only due to varying application requirements. Please contact your local Viessmann Representative for more information.						

Technical Data							
Boiler Sections	2	2	2	2	3	3	sections
Input ¹	250-2500 73-733	300-3000 88-879	300-3500 88-1026	400-4000 117-1172	300-5000 88-1465	400-6000 117-1758	MBH kW
Output ¹	2402 703	2883 844	3363 985	3844 1126	4805 1408	5766 1689	MBH kW
Combustion Efficiency ²	94.1	94.1	94.1	94.1	94.1	94.1	%
Thermal Efficiency ²	96.1	96.1	96.1	96.1	96.1	96.1	%
Dimensions Boiler Length	99½ 2526	99½ 2526	99½ 2526	99½ 2526	136 3449	136 3449	inches mm
Boiler Width	39½ 1000	39½ 1000	39½ 1000	39½ 1000	39½ 1000	39½ 1000	inches mm
Boiler Height	84 2131	84 2131	84 2131	84 2131	84 2131	84 2131	inches mm
Boiler Vent Connection	12	12	12	12	16	16	inches
Weight excluding vent system	4641 2105	4641 2105	4751 2155	4861 2205	6325 2869	6958 3156	lbs kg

¹ Altitude de-rations: CA3B 2.5 to 6.0: up to 4 999 ft de-ration: 3% per 1000 ft
5 000 to 10 000 ft de-ration: 0.6% per 1000 ft
max. derate: 18%

² Tested to ANSI/AHRI standard 1500, BTS 2000, ANSI Z21.13, CSA 4.9 standards.

► Boiler standard working pressure: 75 psig. Boiler maximum working pressure: 160 psig.

For optional pressure relief valves, please see Accessories.

► Boiler is suitable for operation with a balanced flue (direct vent). Please use a certified Category IV vent system of PP(s) or stainless steel.

► Engineered seismic bracket kits, which comply with local seismic requirements, are available from Viessmann.

For Vitocrossal 300 CA3B Series, order ZK03010,

VITOCROSSAL 300

Controls Accessories
Single- and Multiple-Boiler Applications not for use with Vitocontrol-S, CA-xx

Accessories		
Expanded Functions		
Extension Module EA1 wall-mounted extension module whose inputs and outputs enable up to 5 additional functions:. ° boiler setpoint temperature 1 Analog input (0 - 10 V). ° boiler setpoint temperature 3 Digital inputs. ° external operating status change of heating circuits 1 to 3 ° external deactivation ° external deactivation with compiled fault indication ° external request for a minimum boiler water temperature ° fault notification ° brief operation of DHW recirculation pump 1 Output contact (potential-free) ° compiled fault indication ° control of a DHW recirculation pump 120V, 60Hz, 2A in CSA housing, with 6.5' / 2m cord and 120V plug	7533 426 Standard Equipm.	Order No. USD

VITOCROSSAL 300Controls Accessories
Single- and Multiple-Boiler Applications**Accessories****Viessmann Mixing Valves****Viessmann Mixing Valve Motor, 120/1/60**

- ° for Viessmann 3- and 4-way mixing valves only
- ° order one mixing valve per low-temperature heating circuit
- ° including strap-on supply temperature sensor (NTC 10 kOhm)

Maximum 2 Mixing Valve Motors per Vitotronic 300, GW6C (single- or multiple-boiler application) ¹7509 472
420.–Order No.
USD**Viessmann 3-Way Mixing Valves**^{3/4"}
7134 742
518.–^{1"}
7134 743
550.–^{1 1/4"}
7134 744
621.–^{1 1/2"}
7134 745
694.–^{2"}
7134 746
818.–Dia
Order No.
USD**Centra Mixing Valves****Centra Mixing Valve Motor, 24/1/60**

- ° for Centra 3- and 4-way mixing valves only
- ° order one mixing valve per low-temperature heating circuit

Maximum 2 Mixing Valve Motors per Vitotronic 300, GW6C (single- or multiple-boiler application) ¹9544 483
887.–Order
No.
USD**Mixing Valve Adaptor, 24V** required for **each** Centra mixing valve

- ° for use with Vitotronic 300, GW6C
- ° 24/1/60

7134 559
396.–Order
No.
USD**Centra 3-Way Mixing Valves ²**

- ° including flange set
- ° including strap-on supply temperature sensor (NTC 10 kOhm)

^{2 1/2"}
ZK01151
1,505.–^{3"}
ZK01152
2,078.–^{4"}
ZK01153
2,574.–^{5"}
ZK01154
3,878.–^{6"}
ZK01155
5,395.–Dia
Order
No.
USD¹ Maximum 2 Mixing Valve Motors in any combination of 120/1/60 or 24/1/60.² Each mixing valve package includes 1 x 7832 365 Viessmann strap-on supply sensor #2.
If mixing valves are field supplied (or already installed in a preexisting application),
please order 1 x 7832 365 for each mixing valve. **List Price \$ 258.–**

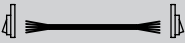
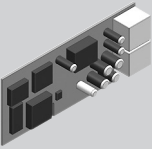
VITOCROSSAL 300

Controls Accessories
Single- and Multiple-Boiler Applications

Accessories		
Vitogate 300		
Vitogate 300 is a gateway designed to integrate Vitotronic controls which utilize the LON communication protocol, with Building Management Systems utilizing BACNet or ModBUS communication protocols.		
Vitogate 300, BN/MB Series¹ ° configured as compact wall-mount unit ° dimensions: W 6" / 152mm H 6" / 152mm D 6" / 152mm ° 120V, 60Hz, 1A, with 6.5' / 2m cord and 120V plug <i>Order 1 x Vitogate 300 per Vitocrossal 300 CA3B single- or multiple-boiler (max. 8 boiler sections) application.</i>		7559 706 2,530.- Order No. USD
Operational Functions using Vitogate 300 ° remote operation of all heating circuits within a system (i.e. activation, change setpoints etc.) ° remote monitoring of all heating circuits within a system (i.e. actual values, operating status) ° remote monitoring of fault messages Controls Compatible with Vitogate 300 Controls for floor-standing boilers: (for single- or multiple-boiler systems with maximum 30 heating circuits) ° Vitotronic 100, GC1 and GC1B Series ° Vitotronic 200, KW6B Series ° Vitotronic 300, GW2, GW2B, GW5B, GW6B and GW6C Series ° Vitotronic 300-K, MW1B Series Controls for wall-mounted boilers: ° Vitotronic 200, HO1B Series ° Vitotronic 300-K, MW2B and MW2C Series Controls for heating circuits: ° Vitotronic 200-H, HK1B Important: Ensure that Vitotronic control is equipped with the appropriate Viessmann LON communication module (see next page). Connections: ° RS485 port to connect to the BACnet or ModBUS network ° 120V/24V power supply ° LAN port to connect to laptop/PC, BACNet IP, or ModBUS IP, or TCP/IP network ° 2 x RJ45 ports to connect to Viessmann LON system ° USB port for software configuration backup Standard Equipment: ° Vitogate 300 ° LON connecting cable, 23' / 7m ° RS485 plug for ModBUS or BACnet network		

¹ This component is standard equipment of each Vitocontrol-S, CA3B-xx.

VITOCROSSAL 300Controls Accessories
Single- and Multiple-Boiler Applications**Accessories****Communication**

LON Connecting Cable, 23ft / 7m ¹ for data exchange between controls		7143 495 87.–	Order No. USD
LON Extension Jack to extend LON Connecting Cable		7143 496 84.–	Order No. USD
LON Connecting Terminal (RJ, 2 Pieces) to connect to field cabling via wall-mount boxes		7171 784 164.–	Order No. USD
LON Terminal Resistor (2 Pieces) ¹ to terminate the system BUS, a resistor must be installed on each free end		7143 497 28.–	Order No. USD
LON Communication Module ¹ electronic circuit board enabling data communication via Viessmann LON system BUS.		7172 173 543.–	Order No. USD

¹ This component is standard equipment of each Vitotronic 300, GW6C.

VITOCROSSAL 300

Vent Systems

Vent Systems					
Vitocrossal 300 CA3B Series		Air Intake Diameter	Flue Outlet Diameter	Flue Diameter	Maximum Equivalent Length
PP(s) Venting ¹ or	CA3B 2.5 SF	10 " / 250 mm	10 " / 250 mm	10 " / 250 mm	99 / 30
Stainless Steel Venting ²	SF+DF	12 " / 300 mm	12 " / 300 mm	12 " / 300 mm	198 / 60
	CA3B 3.0 SF	10 " / 250 mm	10 " / 250 mm	10 " / 250 mm	52 / 16
	SF+DF	12 " / 300 mm	12 " / 300 mm	12 " / 300 mm	198 / 60
	CA3B 3.5 SF+DF	12 " / 300 mm	12 " / 300 mm	12 " / 300 mm	198 / 60
	SF+DF ³	12 " / 300 mm	12 " / 300 mm	14 " / 350 mm	198 / 60
	CA3B 4.0 SF+DF	12 " / 300 mm	12 " / 300 mm	12 " / 300 mm	115 / 35
	SF+DF ³	12 " / 300 mm	12 " / 300 mm	14 " / 350 mm	198 / 60
	CA3B 5.0 SF+DF	16 " / 400 mm	16 " / 400 mm	16 " / 400 mm	198 / 60
	CA3B 6.0 SF+DF	16 " / 400 mm	16 " / 400 mm	16 " / 400 mm	198 / 60

¹ PP(s) Vent material **must** be ULC S-636 certified for Category IV boilers. Suggested source: Centrotherm, or M&G Duravent.

² Stainless steel vent material **must** be ULC/UL listed for Category IV boilers.

³ Requires field supplied vent increaser.

► Only single Vitocrossal 300, CA3B Series boilers September be side wall vented.

► Up to 4 x Vitocrossal 300, CA3B Series boilers of the same size September be common vented.

Order **one** vent damper per boiler when common venting as follows:

Single Fuel Boilers

Vitocrossal 300 CA3B 2.5 and 3.0, order 7769 605, **List Price \$ 973.-.**

Vitocrossal 300 CA3B 3.5 and 4.0, order 7769 606, **List Price \$ 1,230.-.**

Vitocrossal 300 CA3B 5.0 and 6.0, order 7769 607, **List Price \$ 1,580.-.**

Dual Fuel Boilers

Vitocrossal 300 CA3B 2.5 to 4.0, order 7769 606, **List Price \$ 1,230.-.**

Vitocrossal 300 CA3B 5.0 and 6.0, order 7769 607, **List Price \$ 1,580.-.**

► For single boiler applications requiring vacuum relief dampers:

Single Fuel Boilers

Vitocrossal 300 CA3B 2.5 and 3.0, order 7544 863, **List Price \$ 864.-.**

Vitocrossal 300 CA3B 3.5 and 4.0, order 7544 864, **List Price \$ 944.-.**

Vitocrossal 300 CA3B 5.0 and 6.0, order 7544 865, **List Price \$ 1,040.-.**

Dual Fuel Boilers

Vitocrossal 300 CA3B 2.5 to 4.0, order 7544 864, **List Price \$ 944.-.**

Vitocrossal 300 CA3B 5.0 and 6.0, order 7544 865, **List Price \$ 1,040.-.**

► Always follow the installation instructions of the vent manufacturer and of Viessmann.

► Mandatory for common venting applications! 1 per boiler.

VITOGATE 300

Gateway for Building Management Systems

Communication		
Vitogate 300 is a gateway designed to integrate Vitotronic controls which utilize the LON communication protocol, with Building Management Systems utilizing BACNet or ModBUS communication protocols.		
Vitogate 300, BN/MB Series • configured as compact wall-mount unit • dimensions: W 6" / 152mm H 6" / 152mm D 6" / 152mm • 120V, 60Hz, 1A, with 6.5' / 2m cord and 120V plug		7559 706 2,530.– Order No. USD
Operational Functions using Vitogate 300 • remote operation of all heating circuits within a system (i.e. activation, change setpoints etc.) • remote monitoring of all heating circuits within a system (i.e. actual values, operating status) • remote monitoring of fault messages		
Controls Compatible with Vitogate 300 Controls for floor-standing boilers: (for single- or multiple-boiler systems with maximum 30 heating circuits) • Vitotronic 100, GC1 and GC1B Series • Vitotronic 200, KW6B Series • Vitotronic 300, GW2, GW2B, GW5B, GW6B and GW6C Series • Vitotronic 300-K, MW1B Series Controls for wall-mounted boilers: • Vitotronic 200, HO1B Series • Vitotronic 300-K, MW2B and MW2C Series Controls for heating circuits: • Vitotronic 200-H, HK1B		
Important: Ensure that Vitotronic control is equipped with the appropriate Viessmann LON communication module (see next page).		
Connections: • RS485 port to connect to the BACnet or ModBUS network • 120V/24V power supply • LAN port to connect to laptop/PC, BACNet IP, or ModBUS IP, or TCP/IP network • 2 x RJ45 ports to connect to Viessmann LON system • USB port for software configuration backup		
Standard Equipment: • Vitogate 300 • LON connecting cable, 23' / 7m • RS485 plug for ModBUS or BACnet network		

Accessories

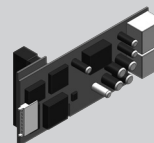
Communication

LON Communication Module

electronic circuit board for installation inside Vitotronic to enable communication via Viessmann LON system BUS.

For installation inside the following controls:

- Vitotronic 200, HO1B / KW6B Series ¹



7179 113
595.–

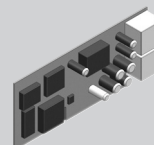
Order No.
USD

LON Communication Module

electronic circuit board for installation inside Vitotronic to enable communication via Viessmann LON system BUS.

For installation inside the following controls:

- Vitotronic 100, GC1 and GC1B Series
- Vitotronic 300, GW2, GW2B, GW5B and GW6B Series ²
- Vitotronic 300-K, MW1B Series
- Vitotronic 200-H



7172 173
543.–

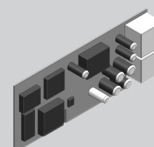
Order No.
USD

LON Communication Module

electronic circuit board for installation inside Vitotronic to enable communication via Viessmann LON system BUS.

For installation inside the following controls:

- Vitotronic 300-K, MW2C Series

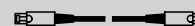


7172 174
600.–

Order No.
USD

LON Connecting Cable, 23ft / 7m ^{2 3}

for data exchange between controls



7143 495
Standard Equipm.
USD

Order No.
USD

LON Extension Jack

to extend LON Connecting Cable

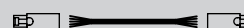


7143 496
84.–

Order No.
USD

LON Connection Terminals, RJ45 (2 Pieces)

to terminate a field supplied connecting cable in circumstances where more than 46ft / 14m of cabling is required

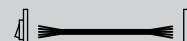


7199 251
160.–

Order No.
USD

LON Connecting Terminal (RJ, 2 Pieces)

to connect to CAT6 field cabling via wall-mount boxes where more than 46ft / 14m of cabling is required



7171 784
164.–

Order No.
USD

LON Terminal Resistor (2 Pieces) ^{1 2}

to terminate the system BUS, a resistor must be installed on each free end of the Viessmann LON system

7143 497
28.–

Order No.
USD

¹ This component is standard equipment of each Vitocrossal 300, CU3A boiler control.

² This component is standard equipment of each Vitocrossal 200, CM2 boiler control.

³ This component is standard equipment of each Vitogate 300.

Versatronik

Gateways for Building Management Systems

Communication	System Configuration					Gateway	
	for Product Series	Max. No. of Target Devices	Cascade Control Required ¹	Boiler Comm. Card Required	Cascade Comm. Card Required		
	Our gateways are designed to integrate equipment and devices that use non-standard or proprietary HVAC protocols like LON, OpenTherm, MODBUS, and RESOL with Building Management and Automation Systems utilizing industry standard communication protocols, e.g. BACNet. Gateways are valuable tools for system integrators and engineers who need to read, relay and control multiple variables and parameters between different building subsystems, all the while monitoring building systems from a central or remote location.						
Versatronik 581 Vi/LON	MW1B (B2HA, B2HB, CU3A) GW6B (CM2, CA3B) MW2C	8	Yes Multi Boiler System	LON	LON	7576 451 4,910.–	Order No. USD
Versatronik 501 NR2/LON	B2HA, B2HB, CU3A, VD2A, VD2, MW1B (GC1B/GW5B)	4	Yes MW1B Multi Boiler	LON	LON	7521 345 4,680.–	Order No. USD
Versatronik 502 NR2/MODBUS (RS 485)	B2HA, B2HB, CU3A, VD2A, VD2, MW1B (GC1B/GW5B)	4	Yes MW1B Multi Boiler	LON	LON	7521 346 4,680.–	Order No. USD
Versatronik 505 NR2/BACIP	B2HA, B2HB, CU3A, VD2A, VD2, MW1B (GC1B/GW5B)	4	Yes MW1B Multi Boiler	LON	LON	7521 347 5,060.–	Order No. USD
Versatronik 521 OT/LON	WB1B, B1HA, B1KA	1	No	No	n.a.	7521 348 2,430.–	Order No. USD
Versatronik 522 OT/MODBUS	WB1B, B1HA, B1KA	1	No	No	n.a.	7521 349 1,910.–	Order No. USD
Versatronik 525 OT/BACIP	WB1B, B1HA, B1KA	1	No	No	n.a.	7521 350 2,360.–	Order No. USD
Versatronik 503 NR2/Analog Bridge	MW2C (B2HE,B2HB)	1	Yes MW2C Multi Boiler	LON	LON	7984 983 927.–	Order No. USD

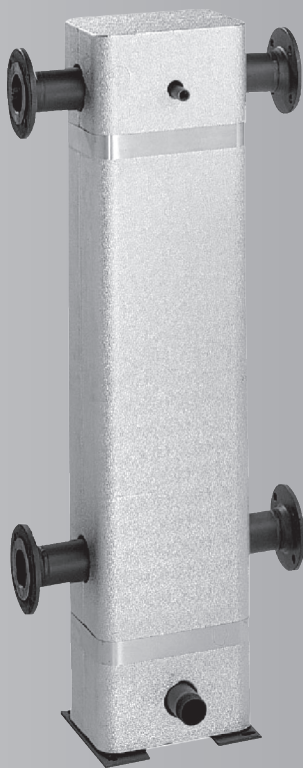
4.2

Overview of Datapoints:

- Boiler setpoint (writable)
- DHW setpoint (writable)
- Boiler water temperature
- Modulation level
- Current modulation level
- Room setpoint temperature
- Outside temperature
- Boiler heat exchanger temperature
- DHW setpoint
- °C or °F selectable
- OEM diagnostic codes
- Boiler faults
- Flame status
- and more- see technical literature

4.2

for commercial installations



Low-Loss Header, Model 160/80
(not exactly as illustrated)

4.3

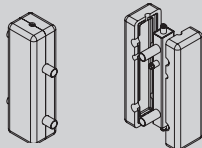
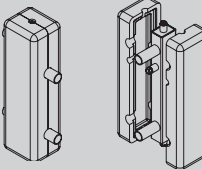
Low-Loss Headers

Vertical mixing chamber of steel with supply and return tapping for both heat source and heat destination.

- To decouple high flow rate systems from the boiler loop.
- Enables constant flow through boiler.
- Avoids flow problems in secondary heating circuits.
- Promotes boiler condensation when used with condensing boilers.
- Protect boiler heat exchanger.
- Helps eliminate air, sediment, and debris from the heating system.
- Stand-by losses minimized by highly effective foamed-in-place or mineral wool insulation.
- Used as a separation point between boiler and system loop for troubleshooting purposes.

Low-Loss Headers

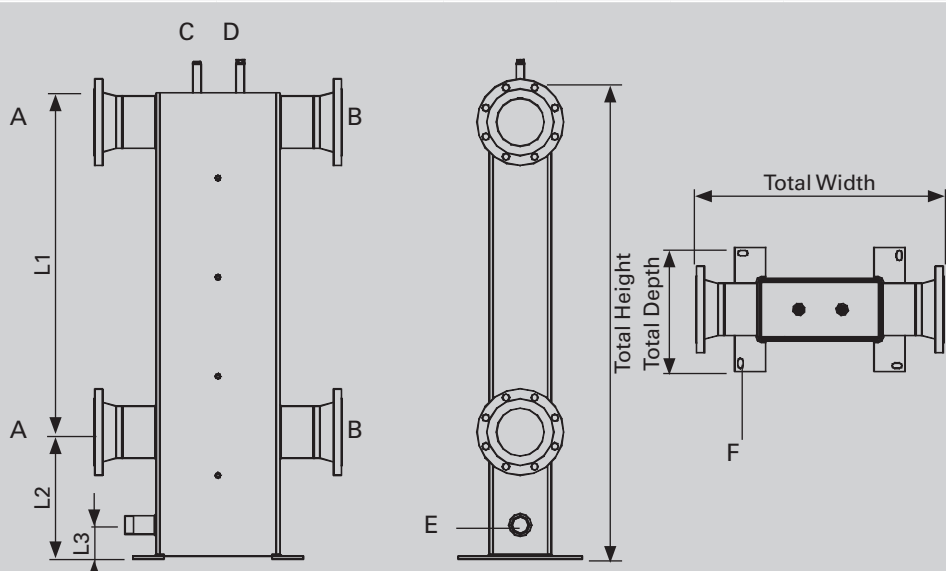
Please refer to Multiple Boiler Manifolds page 2.2-25 to select appropriate Low Loss Header and Insulation compatible with the manifolds.

Model		Header	Insul.	
Low-Loss Header Model 80/60 with insulation to decouple high flow rate systems from the boiler loop. • Max. flow rate 19.5 USGPM / 4.4 m³/hr • 1¼" NPT connections • 2 x 11 x 23" / 50 x 280 x 585 mm		7498 529 533.–		Order No. USD
Low-Loss Header Model 120/80 with insulation to decouple high flow rate systems from the boiler loop. • Max. flow rate 35 USGPM / 8 m³/hr • 2" NPT connections • 3¼ x 12¼ x 36½" / 80 x 320 x 930 mm		7498 530 799.–		Order No. USD
Low-Loss Header Model 160/80 • Max. Flow Rate: 44 USGPM / 10 m³/hr • Insulation: PUR Foam ¹	Stock	7834 470 1,940.–	7834 480 916.–	Order No. USD
	Shipping Weight	100 45	40 18	lbs kg
Low-Loss Header Model 200/120 • Max. Flow Rate: 80 USGPM / 18 m³/hr • Insulation: PUR Foam ¹	Stock	7834 471 2,470.–	7834 481 1,200.–	Order No. USD
	Shipping Weight	137 62	44 20	lbs kg
Low-Loss Header Model 250/150 • Max. Flow Rate: 119 USGPM / 27 m³/hr • Insulation: PUR Foam ¹	Stock	7834 472 2,770.–	7834 482 1,350.–	Order No. USD
	Shipping Weight	185 84	46 21	lbs kg
Low-Loss Header Model 300/200 • Max. Flow Rate: 189 USGPM / 43 m³/hr • Insulation: PUR Foam ¹	Stock	7834 473 3,070.–	7834 483 1,510.–	Order No. USD
	Shipping Weight	276 125	53 24	lbs kg
Low-Loss Header Model 400/200 • Max. Flow Rate: 251 USGPM / 57 m³/hr • Insulation: Mineral Wool ²	Stock	7834 474 3,670.–	7834 484 1,630.–	Order No. USD
	Shipping Weight	340 154	60 26½	lbs kg
Low-Loss Header Model 450/250 • Max. Flow Rate: 374 USGPM / 85 m³/hr • Insulation: Mineral Wool ²	Stock	7834 475 6,300.–	7834 485 2,060.–	Order No. USD
	Shipping Weight	595 270	77 34½	lbs kg
Low-Loss Header Model 500/300 • Max. Flow Rate: 484 USGPM / 110 m³/hr • Insulation: Mineral Wool ²	Lead time: 10 weeks	7834 476 7,490.–	7834 486 2,330.–	Order No. USD
	Shipping Weight	860 390	95 42½	lbs kg

For Low-Loss Header sizing, please see Technical Data Manual.

¹ PUR rigid foam insulation consists of two aluminum half-shells, containing 65mm PUR foam, and cut-outs for all connections.

² Mineral wool insulation consists of two galvanized steel half-shells, containing 100mm mineral wool, and cut-outs for all connections.

Model	Connection	Total Height	Total Width	Total Depth	L1	L2	L3	L4	
Technical Data									
Model 160/80	2½" ANSI Flange	56.7 1440	22.1 560	11 280	39.4 1000	15.3 390	3.8 97	12.2 310	inches mm
Model 200/120	3" ANSI Flange	57 1450	23.7 600	12.6 320	39.4 1000	15.3 390	3.8 97	13.8 350	inches mm
Model 250/150	4" ANSI Flange	57.8 1468	25.6 650	13.8 350	39.4 1000	15.7 400	4.2 107	15.7 400	inches mm
Model 300/200	5" ANSI Flange	58.3 1481	27.6 700	15.7 400	39.4 1000	15.7 400	4.2 107	17.7 450	inches mm
Model 400/200	6" ANSI Flange	58.9 1495	31.5 800	15.7 400	39.4 1000	15.7 400	4.2 107	21.7 550	inches mm
Model 450/250	8" ANSI Flange	59.8 1520	33.5 850	17.7 450	39.4 1000	15.7 400	4.2 107	23.6 600	inches mm
Model 500/300	8" ANSI Flange	71.6 1819	35.5 900	19.7 500	47.2 1200	19.7 500	4.2 107	25.6 650	inches mm
Diagram	 A Boiler supply (top) and boiler return (bottom) B System supply (top) and system return (bottom) C Air vent tapping D Sensor well tapping E Drain/flush tapping F Anchor bolt holes ANSI counter flanges are field supplied.								

[<-Return to contents](#)

VITOTRANS 300

Indirect fired domestic hot water unit
Single or Double Wall



5.1

Vitotrans 300

S3HA Series
D3HA Series

Indirect fired domestic hot water unit

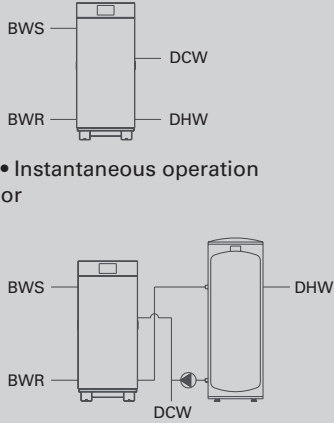
works directly with other hot water heating systems to provide warm comfortable domestic hot water for commercial buildings or for process water heating applications.

DHW flow: 5 to 180 GPM 19 to 681 L/min

- Reliable on demand hot water.
- Plate brazed stainless steel heat exchanger(s) with ASME U stamp, CRN and NSF/ANSI 372.
- Double wall heat exchanger with leak detection option available.
- Built-in ultrasonic flow sensor.
- Quiet performance: Engineered and balanced for quiet operation.
- Integrated descaling pump.
- BACnet MSTP integration with Building Management System using optional MSTP router (PN 7712 736)
- Quick access to all components through latched side panels.

VITOTRANS 300

Indirect fired domestic hot water unit

System Type	Control
 • Instantaneous operation or • Operation with a DHW storage tank	Integrated control for indirect fired domestic hot water unit • with color touch screen user interface • with digital trending • with integrated DHW storage tank management featuring DHW storage tank pump control and recirculation pump control • with integrated variable speed system pump • with intuitive system set-up • with integrated diagnostic system and additional functions • integrated BACnet MSTP communication functions with external BMS possible with optional MSTP router Vitotrans MSTP router (7712 736) 1,210.- 

Important!
A DHW storage tank (field supplied) is highly recommended for applications with fluctuating DHW system flow rates, particularly those flow rates below 30 GPM / 114 L/min.
Please see Technical Data Manual.

VITOTRANS 300

Indirect fired domestic hot water unit

Vitotrans 300 is build-to-order. Please order with a 6 week lead time.

Heat Exchanger Type	Single wall heat exchangers						Model No.
	S3HA 30	S3HA 60	S3HA 90	D3HA 30	D3HA 60	D3HA 90	
List Price	Z017706 58,461.–	Z017707 64,201.–	Z017708 75,971.–				Order No. USD
Equipped with double wall heat exchanger				Z017703 67,481.–	Z017704 82,241.–	Z017705 103,031.–	Order No. USD
Technical Data							
Heating Input	2100 615	4200 1231	6300 1846	2100 615	4200 1231	6300 1846	MBH kW
Max DHW Flow	60 227	120 454	180 681	60 227	120 454	180 681	GPM L/min
Dimensions	Length	73¾ 1896	73¾ 1896	73¾ 1896	73¾ 1896	73¾ 1896	inches mm
	Width	26½ 673	26½ 673	26½ 673	26½ 673	26½ 673	inches mm
	Height ¹	62¼ 1584	62¼ 1584	62¼ 1584	62¼ 1584	62¼ 1584	inches mm
Heat Exchanger Surface Area	69.6 6.47	139.2 12.93	208.8 19.40	81.2 7.54	162.4 15.09	243.6 22.63	ft² m²
Weight	Dry	1037 470	1123 509	1273 577	1082 491	1223 550	lbs kg

¹ Overall height does **not** include leveling feet or seismic brackets.

► Vitotrans domestic water standard working pressure: 150 psig. Maximum working pressure: 150 psig.

► Vitotrans is **not** suitable for steam applications.

► Engineered seismic bracket kits, which comply with local seismic requirements, are available from Viessmann. For Vitotrans 300, order 7537 683, **List Price \$ 1,810.–**.

► Where required by Code, order optional low lead tempering valve:
for 125 psig, order 7725 956,
for 150 psig, order 7725 957,

Terms and Conditions of Sale, Delivery and Payment

Viessmann

I. General Provisions

1. All references to "Viessmann" in this document include Viessmann Manufacturing Company (U.S.) Inc. and any parent, subsidiary, or affiliate. References to "Buyer" include all parents, subsidiaries, or affiliates of the party ordering products or services from Viessmann. All sales of Viessmann products and quotations for Viessmann products are governed by these Terms and Conditions of Sale, Delivery, and Payment (the "Terms"), which shall prevail over any inconsistent terms in Buyer's purchase order or other documents. Additional or different terms and conditions in any way altering or modifying these Terms are expressly objected to and shall not be binding upon Viessmann unless specifically accepted by Viessmann in writing. No modification or alteration of these Terms shall occur by Viessmann's shipment of products following receipt of Buyer's purchase order or other document containing additional, inconsistent, or conflicting terms.

2. Any product purchased from Viessmann in the United States is for resale and use only in the United States. Buyer agrees that it will not resell Viessmann products for use or installation outside of the United States and will take all reasonable and necessary steps to ensure that the Viessmann products are resold only for use and installation in the United States.

II. Plans and Specifications

1. Drawings, specifications and technical data appended to or forming part of a specific sales contract shall at all times remain the property of Viessmann, with all rights reserved and shall not be provided, submitted or disclosed to third parties without the express written consent of Viessmann. Changes, alterations, deletions or additions thereto shall not be binding upon Viessmann unless confirmed in writing by Viessmann.

III. Prices and Quotations

1. Viessmann reserves the right to change, alter, amend or revoke prices and quotes, including prices on websites and in pricelists and catalogs, without notice, and all such prices expire and become invalid unless accepted within 60 calendar days.

2. Prices are, except as otherwise agreed, exclusive of cost of packaging, crating, freight or shipping, federal, state or local taxes in effect on date of delivery. All taxes imposed on sales or shipments will be added to the purchase price and be reimbursed by Buyer. All prices and other terms shall be kept confidential and disclosed only as required by law.

IV. Terms of Payment

1. For all Viessmann products, all invoices or accounts, as the case September be, are due and payable in full without deduction thirty (30) days after invoice date, unless otherwise specifically agreed in writing.

2. Notwithstanding the preceding paragraph, all orders are subject to Viessmann's continuing approval of Buyer's credit. If Buyer's credit is not approved or becomes unsatisfactory to Viessmann then Viessmann, in its sole and absolute discretion, September suspend or cancel performance, or require different payment terms, including but not limited to cash on delivery or in advance of shipment. Viessmann, in its sole and absolute discretion, September apply Buyer's payment to any open charges or sums owed, including interest charges.

3. Holdbacks or deductions of any kind whatsoever without prior written authorization from Viessmann are expressly prohibited.

Viessmann shall have rights of setoff and recoupment.

4. Discounts, if any, shall be calculated on the cost of products as per invoice, exclusive of cost of packaging, crating, federal, provincial, state or local rates, tariffs or taxes, where applicable, or other costs or surcharges beyond control of Viessmann.

5. Payments must be made in U.S. dollars by bank check, ACH wire transfer or money order. All costs for dishonor, presentment for payment or collection shall be at the expense of the Buyer.

6. Overdue accounts shall bear interest at the rate stated on the face of the invoice.

V. Delivery of Products

1. Viessmann shall not be liable for delay or default in delivery resulting from any cause beyond its control, including but not limited to governmental action, strikes or other labor issues, fire, damage or destruction of products or facilities, wars, acts of terrorism, manufacturers and/or suppliers shortages, availability or timeliness of transportation, materials or supplies, and acts of God (each a "Force Majeure event"). Upon the occurrence of a Force Majeure event: (a) the time for Viessmann's performance shall be reasonably extended; (b) the purchase price to Viessmann shall be adjusted for any increased costs Viessmann incurs from the Force Majeure event; and (c) Buyer shall not be entitled to any other remedy.

2. In the event of delay of delivery of products caused by the Buyer for any reason whatsoever Viessmann shall be entitled to charge the cost of storage calculated at the rate of one half percent (0.5%) per month upon the cost of products, such calculation commencing one month after delivery of Notice of Readiness for shipment and continuing for each and every month or part thereof thereafter until the delivery of products to the Buyer.

VI. Risk of Property

1. Sales of Viessmann products are made FOB Origin, freight collect or FOB Origin, Freight Prepaid and charged back. The FOB point shall be Viessmann's office or warehouse. Title and risk of loss shall pass to Buyer at the FOB point.

2. Deficiencies or defects in products or part thereof shipped or shipment of wrong products or part thereof shall be endorsed upon the bill of lading and shall be communicated to Viessmann in writing within eight (8) calendar days of arrival at destination. Failing such notification shall be deemed to have accepted the products without recourse.

VII. Return of Products

1. No products September be returned to Viessmann without prior written authorization.

2. If returns are authorized by Viessmann, products will be accepted as follows:

- (i) Buyer must provide proof of purchase, invoice and/or serial number to receive a Return Products Authorization number from Viessmann. Upon authorization from Viessmann, freight will be prepaid by the buyer.
- (ii) Item and packaging must be new and in saleable condition. Twenty-five percent (25%) restocking charge on product returned after 30 days of purchase.
- (iii) Electronic parts, where factory seal has been broken are not returnable.
- (iv) Discontinued products and/or parts are not returnable.

Terms and Conditions of Sale, Delivery and Payment

VIII. Limitation of Liability

Viessmann's total liability to Buyer for any claim arising under the Terms or from the supply of products or services shall not exceed the purchase price specified on the face of the invoice. VIESSMANN SHALL NOT IN ANY EVENT BE LIABLE FOR INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL OR LIQUIDATED DAMAGES OR PENALTIES, INCLUDING CLAIMS FOR LOST REVENUE, PROFITS OR BUSINESS OPPORTUNITIES, EVEN IF VIESSMANN HAD OR SHOULD HAVE HAD ANY KNOWLEDGE, ACTUAL OR CONSTRUCTIVE, OF THE POSSIBILITY OF SUCH DAMAGES.

IX. Indemnity

Buyer shall and does hereby agree to defend, indemnify and hold Viessmann harmless of and from any and all liability loss, cost, injury, damage, demand and expense (including, without limitation, reasonable attorneys' fees) of any kind whatsoever arising out of, on account of, or in connection with a breach of these Terms, Buyer's negligence or willful misconduct (including that of its employees, contractors, and agents), violation of applicable law by Buyer or any employee or third party acting by or on behalf of Buyer, improper installation of the products and/or any use or misuse of the products. This indemnity shall not be affected or terminated by reason of the termination of these Terms or purchase, for any reason, with respect to all or any part of the products.

X. Warranties

THE WRITTEN LIMITED WARRANTY ACCOMPANYING THE PRODUCTS IS THE EXCLUSIVE WARRANTY APPLICABLE TO THE PURCHASED VIESSMANN PRODUCTS. THAT WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES WITH RESPECT TO THE PURCHASED VIESSMANN PRODUCTS. VIESSMANN MAKES NO OTHER WARRANTIES WITH RESPECT THERETO, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ANY SUCH WARRANTY IMPOSED BY LAW IS LIMITED TO THE PERIOD OF THE LIMITED WARRANTY PROVIDED IN THE LIMITED WARRANTY ACCOMPANYING THE PRODUCTS. NO WARRANTY ARISING BY USAGE OR CUSTOM, OR COURSE OF PERFORMANCE IS GIVEN BY VIESSMANN OR SHALL ARISE IN CONNECTION WITH THAT LIMITED WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation September not apply to you in that respect.

XI. Applicable Law and Forum

1. These Terms shall be governed by the law of Rhode Island without regard to its choice of law principles.
2. All disputes based upon or arising out of these Terms or the parties commercial relationship shall be brought before the state or federal courts of the State of Rhode Island, which shall have exclusive jurisdiction over all such disputes. The parties waive any objections to venue in, or the exercise of jurisdiction by, the state and federal courts in Rhode Island.

XII. Other

1. The invalidity or unenforceability of some or all of these Terms will not affect the validity or enforceability of the other terms. The parties agree to replace any void or unenforceable term with

a new term that achieves substantially the same practical and economic effect and is valid and enforceable.

2. Buyer shall pay all of Viessmann's costs of collection, suit or other legal action brought as a result of the commercial relationship between them, including but not limited to attorney's fees and costs, pre-suit through trial and appeal.

XIII. Data Privacy and Security

"Personal Information" means any information Buyer receives or has access to in connection with any products or services hereunder that (a) identifies or relates to an individual or household who can be identified directly or indirectly from that data alone or in combination with other information in Buyer's possession or control or that Buyer is likely to have access to, or (b) is defined by applicable data privacy law as protected personal information.

Buyer will only process, retain, use, or disclose Personal Information to the extent, and in such a manner, as is necessary for the sale, installation, or maintenance of the products or services provided under these Terms. Buyer will not process, retain, use, or disclose Personal Information for any other purpose or in a way that does not comply with these terms, the written instructions of Viessmann, or applicable data privacy law.

Buyer must promptly comply with any Viessmann request or requirement of the Buyer to amend, transfer, or delete the Personal Information, or to stop, mitigate, or remedy any unauthorized processing. Buyer will maintain the confidentiality of all Personal Information, will not sell it to anyone, and will not disclose it to third parties unless Viessmann specifically authorizes the disclosure, or as required by law.

Buyer will limit Personal Information access to those employees and authorized third parties who require Personal Information access to meet the Buyer's obligations under these Terms or any other Agreement with Viessmann. Buyer will require that all such employees and third parties agree to terms regarding data privacy and protection no less stringent than those contained in these Terms. Buyer is solely responsible for such employees and third parties in regard to Personal Information.

Buyer must at all times implement appropriate technical and organizational measures designed to safeguard Personal Information against unauthorized or unlawful processing, access, copying, modification, storage, reproduction, display, or distribution, and against accidental loss, destruction, or damage. Buyer will notify Viessmann as soon as practicable, but in any case within 48 hours, of any unauthorized or unlawful processing, access, copying, modification, storage, reproduction, display, distribution, accidental loss, destruction, or damage to any Personal Information (collectively, "Security Incident"). Buyer will, at its sole expense, take immediate action to remedy all Security Incidents, and will report and update findings to Viessmann promptly as they become available during the course of Buyer's remediation and investigation.

Venting Categories

for Gas-Fired Boilers

Venting Categories			
Product	Classification	Draft Type	Minimum Material Requirement
Vitorond 200 ¹ VD2A Series VD2 Series	Category I	Negative draft, Non-condensing	B-Vent or equivalent
Vitorond 200 VD2A Series VD2 Series	Category III	Positive draft, Non-condensing	Positive pressure vent system for Category III Stainless steel venting UL or ULC listed for Category III boilers
Vitodens 100-W B1HE Series B1KE Series Vitodens 200-W B2HA Series Vitodens 222-F B2TB Series Vitocrossal 300 CU3A Series	Category IV	Positive draft, Condensing	Coaxial or PP(s) venting certified to UL 1738 or ULC S-636 Stainless steel venting certified to UL 1738 or ULC S-636 CPVC venting certified to UL 1738 or ULC S-636
Vitocrossal 200 CM2 Series	Category IV	Positive draft, Condensing	PP(s) venting certified to UL 1738 or ULC S-636 Stainless steel venting certified to UL 1738 or ULC S-636
Vitocrossal 200 CI2 Series		Positive draft, Condensing	PP(s) venting certified to UL 1738 or ULC S-636 Stainless steel venting certified to UL 1738 or ULC S-636
Vitocrossal 300 CA3B Series	Category IV	Positive draft, Condensing	PP(s) venting certified to UL 1738 or ULC S-636 Stainless steel venting certified to UL 1738 or ULC S-636

¹ Barometric damper must be used.

Viessmann Warranties

US

Warranties			
Product	Type	Residential Use	Commercial Use
Vitocrossal 200 CI2, Vitocrossal 300 CA3	Condensing boilers	Limited 10 years for pressure vessel. Limited 2 years on boiler enclosure, burner, controls and accessories. 6175 959	Limited 10 years for pressure vessel. Limited 2 years on boiler enclosure, burner, controls and accessories. 6175 959
Vitocell 300	Stainless steel indirect-fired domestic hot water tanks	Lifetime for heat exchanger coil and tank to original owner and installation site. Limited 2 years on insulation, jacket, controls and accessories. 6177 327	Limited 8 years for heat exchanger coil and tank. Limited 2 years on insulation, jacket, controls and accessories. 6177 327
Vitocell 100-V	Enameled steel indirect-fired water heater tank	Limited 10 year warranty for heat exchanger coil, and tank. Limited 2 year parts and accessories warranty. 6221 585	Limited 5 year warranty for heat exchanger coil, and tank. Limited 2 year parts and accessories warranty. 6221 585
Vitotrans 300	Domestic hot water unit	Limited 2 years on domestic hot water unit, 5833 277	Limited 2 years on domestic hot water unit, 5833 277

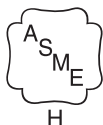
Scope	Model	Parts
Vitodens 100-W	B1HE-85 B1HE-120 B1HE-150 B1HE-199 B1KE-120 B1KE-199	Our base warranty for parts is 2 years, with a possible free 3 year extension, for a total of 5 years.
Vitodens 200-W	B2HE-85 B2HE-120 B2HE-150 B2HE-199	
Vitodens 222-F	B2TB 125	
Vitocrossal 300	CU3A 94 CU3A 125 CU3A 160 CU3A 199	

Viessmann Warranties

Viessmann

ASME

Boiler and pressure vessel built to ASME Sec. IV. American Society of Mechanical Engineers. Applicable in Canada and USA.



AHRI

Air Conditioning, Heating and Refrigeration Institute. Listing is issued for gas- and oil-fired boilers rated < 300 MBH which have AFUE values (residential), and also for units > 300 MBH which have combustion efficiency ratings (commercial). Applicable in Canada and USA.



Energy Star Logo

Listing. Issued for oil and gas boilers with < 300 MBH only. Applicable in Canada and USA.



CRN

Canadian Registration Number approval. Issued for Canadian products complying with CSA-B51 standard and the respective "Provincial Boiler and Pressure Vessel Act". Acceptance in all provinces is indicated with a "C". Applicable in Canada only.

AHRI

Air Conditioning, Heating and Refrigeration Institute Listing is issued for Air-Cooled Water Chilling Packages.



Energy Verification Logo

Listing. Issued for products with < 300 MBH. Applicable in Canada only.



CSA

Canadian Standards Association approval. Tests products for compliance to Canadian and American codes and standards. Applicable in Canada and USA.



NY

New York City approval. Bureau of Air Resources (BAR) for oil boilers greater than 20 GPH. Applicable in NY City only.

ICC-SRCC Certification Solar Rating and Certification Corporation.



Low Lead Content
CSA Low Lead Content Certification Program including US Safe Drinking Water Act, NSF/ANSI 372 as well as other US State requirements. Applicable in Canada and USA.



MASS

Massachusetts State approval. Applicable to gas-fired boilers and indirect-fired domestic hot water tanks only. Applicable in Massachusetts only.

UL

Underwriters Laboratories approval. Tests products for compliance to Canadian and American codes and standards. Applicable in Canada and USA.



ETL

Environmental Testing Laboratories Inc. Certification body with product testing done by Intertek Testing Services.



CEC

California Energy Commission listing. Applicable in California only.

Approval and Listing Overview

as of March 2nd, 2026

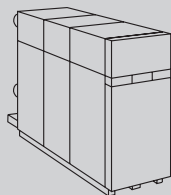
Approval and Listing Overview

as of March 2nd, 2026

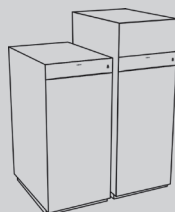
Free-Standing Boilers

Gas-Fired Condensing Boilers

CSA	CRN	AHRI	MASS	CEC	ASME	SCAQMD	Price List Section
✓	below	✓	✓	✓	✓	n.a.	11.1
CA3B 2.5 R3986.5C CA3B 2.5 DF R3996.5C CA3B 3.0 R3986.5C CA3B 3.0 DF R3996.5C CA3B 3.5 SF + DF R3995.5C CA3B 4.0 SF + DF R3992.5C CA3B 5.0 SF + DF R3994.5C CA3B 6.0 SF + DF R4042.5C							
✓	below	✓	✓	✓	✓	✓	10.1
CI2 399/500 R8502.5C CI2 750/1000 R8501.5C CI2 1500 R8420.5C CI2 2000 R8448.5C							



**Vitocrossal 300
CA3B**



**Vitocrossal 200
CI2**

