



Product Reference Guide

RESIDENTIAL BOILERS

HYDRONIC AIR HANDLERS

INDIRECT WATER HEATERS

COMMERCIAL HOT WATER GENERATORS

COMMERCIAL BOILERS

BIOMASS & SOLAR HEATING SYSTEMS

Heating Systems ◀

Industrial Systems

Refrigeration Systems

COMBI BOILERS (NG/LP) For venting information see page 11


Vitodens 222-F



Model (kW, MBH)	Vitodens 100, B1KA 35, 125	Vitodens 222-F, B2TB 35, 125
Part Number	B1KA111	B2TB004
MBH Input	21-125/149*	19-125
MBH Output	20-116	18-117
Turn Down	7:1*	6.5:1
AFUE	95%	95%
Connections	3/4" GAS (MNPT) 3/4" S/R (MNPT) 1/2" DHW (MNPT)	3/4" GAS (MNPT) 3/4" S/R (MNPT) 3/4" DHW (MNPT)
Vent	60/100 mm COAX 2" PPS	60/100 mm COAX 2" PPS
LLH	7498529 1 1/4" MNPT	7498529 1 1/4" MNPT
Boiler Pump	Installed in boiler	Installed in boiler
Neutralizer	7740946	7740946
Min. Gas Supply Pressure Natural Gas ("w.c.) Liquid Propane Gas ("w.c.)	4 10	4 10
Dimensions: Weight (L, W, H)	99 lbs 15 3/4", 15 3/4", 30 1/4"	248 lbs 23 1/2", 23 5/8", 64"
Max Draw Rate GPM	3.5 @ 77°F Δt	5.45 @ 77°F Δt **

* DHW Booster

** Vitodens 222-F, B2TB 35,125 includes a 26.5 gallon stainless steel indirect tank. Maximum 10 min. draw.

VITODENS 100 (NG/LP) For venting information see page 11


Vitodens 100



Model (kW, MBH)	B1HA 26, 94	B1HA 35, 125
Part Number	B1HA278	B1HA279
MBH Input	21-94	21-125
MBH Output	20-87	20-116
Turn Down	4.5:1	6:1
AFUE	95%	95%
Connections	3/4" GAS (MNPT) 3/4" S/R (MNPT)	3/4" GAS (MNPT) 3/4" S/R (MNPT)
Vent	60/100 mm COAX 2" PPS	60/100 mm COAX 2" PPS
LLH	7498529 1 1/4" MNPT	7498529 1 1/4" MNPT
Boiler Pump	Installed in boiler	Installed in boiler
Neutralizer	7740946	7740946
Min. Gas Supply Pressure Natural Gas ("w.c.) Liquid Propane Gas ("w.c.)	4 10	4 10
Dimensions: Weight (L, W, H)	88 lbs 15 3/4", 15 3/4", 30 1/4"	88 lbs 15 3/4", 15 3/4", 30 1/4"

VITOCROSSAL 300 CU3A (NG/LP) For venting information see page 11

Model (kW,MBH)	CU3A 26, 94	CU3A 35,125	CU3A 45, 160	CU3A 57, 199
Part Number	CU3A350	CU3A351	CU3A352	CU3A353
MBH Input	19-94	25-125	43-160	43-199
MBH Output	17.7-87	23.3-116	40-149	40-185
Turn Down	5:1	5:1	3.7:1	5:1
AFUE	95%	95%	95%	95%
Connections	3/4" GAS (MNPT) 1 1/4" S/R (MNPT)	3/4" GAS (MNPT) 1 1/4" S/R (MNPT)	3/4" GAS (MNPT) 1 1/4" S/R (MNPT)	3/4" GAS (MNPT) 1 1/4" S/R (MNPT)
Vent	FLUE 3" PPS INTAKE 3" PPS/PVC	FLUE 3" PPS INTAKE 3" PPS/PVC	FLUE 4" PPS INTAKE 3" PPS/PVC	FLUE 4" PPS INTAKE 3" PPS/PVC
LLH	Not Needed	Not Needed	Not Needed	Not Needed
Boiler Pump	Not Needed	Not Needed	Not Needed	Not Needed
Neutralizer	7740946	7740946	7740946	7740946
Minimum Gas Supply Pressure				
Natural Gas ("w.c.)	4	4	4	4
Liquid Propane Gas ("w.c.)	10	10	10	10
Dimensions: Weight (L, W, H)	269 lbs 27", 26", 61 1/2"	275 lbs 27", 26", 61 1/2"	352 lbs 31 1/2", 26", 61 1/2"	352 lbs 31 1/2", 26", 61 1/2"



Vitocrossal 300 CU3A



VITODENS 200 (Residential) (NG/LP) For venting information see page 12

All Vitodens 200 models available in a Low NOx version.

Model (kW, MBH)	B2HB 26, 94	B2HB 35, 125	B2HB 57, 199	B2HA 80, 285
Part Number	B2HB008	B2HB009	B2HB070	B2HAH12
MBH Input	19-94	19-125	32-199	71-285
MBH Output	18-88	18-117	30-185	65-260
Turn Down	5:1	6.5:1	6:1	4:1
AFUE	95%	95%	95%	92%
Connections	3/4" GAS (MNPT) 3/4" S/R (MNPT)	3/4" GAS (MNPT) 3/4" S/R (MNPT)	1" GAS (MNPT) 1 1/2" S/R (MNPT)	1" GAS (MNPT) 1 1/2" S/R (MNPT)
Vent	60/100 mm COAX 2" PPS	60/100 mm COAX 2" PPS	80/125 mm COAX 3" PPS	110/150 mm COAX 4" PPS
LLH	7498529 1 1/4" MNPT	7498529 1 1/4" MNPT	7498529 1 1/4" MNPT	7498530 2" MNPT
Boiler Pump	9560860 UPS 15-58 FC	9560860 UPS 15-58 FC	7248585 UPS 26-99 FC	7248585 UPS 26-99 FC
Neutralizer	7740946	7740946	7740946	7740946
Minimum Gas Supply Pressure				
Natural Gas ("w.c.)	4	4	4	4
Liquid Propane Gas ("w.c.)	10	10	10	10
Dimensions: Weight (L, W, H)	110 lbs, 15 3/4", 17 3/4", 41"	110 lbs 15 3/4", 17 3/4", 41"	210 lbs 21", 19", 43 1/2"	194 lbs 21", 19", 43 1/2"



Vitodens 200



B2HB 26, 94 & 35, 125: No double pipe adapter needed

B2HB 57 & 199: Double pipe adapter included with boiler in separate box (PN: 7189822)

B2HA 80, 285: Double pipe adapter included with boiler in separate box (PN: 7373253)

AirflowPLUS (Hydronic Air Handler)


AirflowPLUS

Model	AH2A-213	AH2A-354	AH2A-385
Heating MBH (based on supply water temp.)			
120° F	28	44	51
140° F	46	61	74
160° F	62	83	90
180° F	72	98	115
Flow (USG/min)	3	5	5
Cooling Capacity (tons)	1.5 - 3	2.5 - 4	3.5 - 5
Overall Dimensions (L, W, H) (in.)	22.75, 18, 32.5	23, 22, 34.5	28, 22, 34.5
Supply Air Opening (in.)	16x20	20x20	20x25
Return Air Opening (in.)	14x18	18x18	18x23
Shipping Weight (lbs.)	85	100	110

VITOROND 100 (Oil)

Single Boiler; BOILER AND INSULATION ONLY
PLEASE NOTE THERE ARE NO BURNERS INCLUDED IN THE PART NUMBERS LISTED BELOW

Boiler Options	VR1-22, 91	VR1-27, 105	VR1-33, 140	VR1-40, 161	VR1-50, 196	VR1-63, 245
Part Number	7249048	7249049	7249050	VR10325	VR10326	VR10327

Control Options- Choose 1 Option

Control Option	VR1-22, 91	VR1-27, 105	VR1-33, 140	VR1-40, 161	VR1-50, 196	VR1-63, 245
HydroLevel	Z015259	Z015259	Z015259	Z015260	Z015260	Z015260
Vitotronic, 100 KW10B	Z015255	Z015255	Z015255	Z015256	Z015256	Z015256
Vitotronic, 200 KW2	Z015257	Z015257	Z015257	Z015258	Z015258	Z015258

Please note that the packages include installation fittings, control and technical literature.
 For KW2, the Power Pump Module will also be included.



Vitorond 100



Burner Options- Choose 1 Option

	VR1-22, 91	VR1-27, 105	VR1-33, 140	VR1-40, 161	VR1-50, 196	VR1-63, 245
Riello Chimney Vent	7311 316	7311 316	7311 317	7311 317	7311 317	7311 318
Beckett Chimney Vent	7452 064	7452 065	7452 066	7452 067	7452 068	7452 068
Carlin Chimney Vent	7749 024	7749 025	7749 026	7749 027	7749 028	7749 029
Riello Direct Vent	ZK02854	ZK02854	ZK02855	N/A	N/A	N/A
Beckett Direct Vent	ZK02856	ZK02857	ZK02858	N/A	N/A	N/A
Carlin Direct Vent	ZK03208	ZK03209	ZK03210	N/A	N/A	N/A

Please note that the direct vent burners include the burner, the direct vent system, and the fresh air kit (for Beckett only).

Specifications

	VR1-22,91	VR1-27, 105	VR1-33, 140	VR1-40, 161	VR1-50, 196	VR1-63, 245
MBH Input	91	105	140	161	196	245
MBH Output	80	92	122	140	172	215
A.F.U.E.	87%	87%	87%	87%	87.1%	87.1%
Dimensions Weight (L, W, H)	363 lbs 38 1/2" 19 3/4" 33"	445 lbs 44" 19 3/4" 33"	447 lbs 44" 19 3/4" 33"	492 lbs 36" 22 1/4" 39 3/4"	608 lbs 37 1/2" 22 1/4" 39 3/4"	725 lbs 42 1/2" 22 1/4" 39 3/4"
Boiler Water Content (USG)	9.2	11.6	11.6	12.7	16.1	19.3
S/R Connection	1.5"	1.5"	1.5"	2"	2"	2"
Boiler Vent Connection	5"	5"	5"	6"	6"	6"

Boiler Accessories

Boiler Stand	VR1-22, 91	VR1-27, 105	VR1-33, 140	VR1-40, 161	VR1-50, 196	VR1-63, 245
for Vitorond 100 9 3/4" height	7133073	7133074	7133074	7133075	7133076	7133076



Vitocell 300-V

VITOCCELL 300-V/300-W (Indirect Water Heater)

	42 Gal.	53 Gal.	79 Gal.	119 Gal.
Model	300-V EVIA 42	300-V EVIA 53	300-V EVIA 79	300-V EVIB-119
Part Number	7638988	7637041	7637044	Z014342
Connections	1" MNPT HTG S/R 3/4" MNPT Domestic H/C 3/4" MNPT Recirc.	1" MNPT HTG S/R 3/4" MNPT Domestic H/C 3/4" MNPT Recirc.	1" MNPT HTG S/R 1" MNPT Domestic H/C 1" MNPT Recirc.	1 1/4" MNPT HTG S/R 1 1/4" MNPT Domestic H/C 1 1/4" MNPT Recirc.
Dimensions: Weight (L, W, H)	132 lbs 23", 23 3/4", 47"	154 lbs 23", 24", 55 1/2"	231 lbs 26 1/4", 29", 68 1/2"	245 lbs 36 1/3", 38 3/8", 68 1/2"
Tank Material	ASTM 444 Stainless Steel Hygenic Tank & 316Ti Stainless Steel Coil Construction	ASTM 444 Stainless Steel Hygenic Tank & 316Ti Stainless Steel Coil Construction	ASTM 444 Stainless Steel Hygenic Tank & 316Ti Stainless Steel Coil Construction	ASTM 444 Stainless Steel Hygenic Tank & 316Ti Stainless Steel Coil Construction
DHW Continuous Flow Rate (GPH)	82.6-149	82.6-149	109-195	150-267

All Viessmann 300 Series Indirect Tanks come with a lifetime warranty for residential applications and an 8 year warranty for commercial applications.

VITOCCELL 300-H (Indirect Water Heater)


Vitocell 300-H

	53 Gal.	92 Gal.	119 Gal.
Model	EHA 53	EHA 92	EHA 119
Part Number	Z014848	Z014849	Z014850
Connections	1" MNPT HTG S/R 3/4" MNPT Domestic H/C 1" MNPT Temp. and pressure relief valve	1 1/4" MNPT HTG S/R 1 1/4" MNPT Domestic H/C 1" MNPT Temp. and pressure relief valve	1" MNPT HTG S/R 3/4" MNPT Domestic H/C 1 1/4" MNPT Temp. and pressure relief valve
Dimensions: Weight (L, W, H)	185 lbs 48 3/4" 25 1/4" 25 3/4"	379 lbs 62 1/2" 32 3/4" 31"	421 lbs 65" 35 3/4" 35"
Tank Material	316Ti Stainless Steel Hygenic Tank & Coil Construction	316Ti Stainless Steel Hygenic Tank & Coil Construction	316Ti Stainless Steel Hygenic Tank & Coil Construction
DHW Continuous Flow Rate (GPH)	78-150	156-239	180-280

VITOCCELL 300-B (Indirect Water Heater)

	79 Gal.	119 Gal.
Model	EVBB 79	EVBB 119
Part Number	Z014343	Z014344
Connections	1" MNPT HTG S/R 1" MNPT Domestic H/C 1" MNPT Recirc.	1 1/4" MNPT HTG S/R 1 1/4" MNPT Domestic H/C 1 1/4" MNPT Recirc.
Dimensions: Weight (L, W, H)	251 lbs 25" 27 3/4" 70"	275 lbs 36 1/2" 38 3/8" 68 1/2"
Tank Material	Stainless Steel Hygenic Tank & 316 Ti Coil Construction	Stainless Steel Hygenic Tank & 316 Ti Coil Construction
DHW Continuous Flow Rate (GPH)	199-257	273-488

Dual Coil DHW Tank



Vitocell 300-B

VITOCCELL 100-V (Indirect Water Heater)

	42 Gal.	53 Gal.	79 Gal.
Model	CVA 42	CVA 53	CVAA 79
Part Number	Z014836	Z014837	Z014838
Connections	1" MNPT HTG S/R 3/4" MNPT Domestic H/C 3/4" MNPT Recirc.	1" MNPT HTG S/R 3/4" MNPT Domestic H/C 3/4" MNPT Recirc.	1" MNPT HTG S/R 1" MNPT Domestic H/C 1" MNPT Recirc.
Dimensions: Weight (L, W, H)	190 lbs 23" 24" 47"	214 lbs 23" 24" 55 1/2"	333 lbs 26 1/4" 29 1/4" 68 1/4"
Tank Material	Steel DHW tank with Ceraprotect two-coat enamel coating	Steel DHW tank with Ceraprotect two-coat enamel coating	Steel DHW tank with Ceraprotect two-coat enamel coating
DHW Continuous Flow Rate (GPH)	51-146	51-146	92-172



Vitocell 100-V

VITOCCELL 100-B (Indirect Water Heater)

	119 Gal.
Model	CVB 119
Part Number	Z014842
Connections	1" MNPT HTG S/R 1 1/4" MNPT Domestic H/C 1" MNPT Recirc.
Dimensions: Weight (L, W, H)	452 lbs 34" 36 1/3" 76 3/4"
Tank Material	Steel DHW tank with Ceraprotect two-coat enamel coating
DHW Continuous Flow Rate (GPH)	250-301

Dual Coil DHW Tank



Vitocell 100-B

VITOTRANS 300 (Commercial Hot Water Generator)


Vitotrans 300

Model	S3HA 30	S3HA 60	S3HA 90	D3HA 30	D3HA 60	D3HA 90
Heat Exchanger(s)	Single Wall	Single Wall	Single Wall	Double Wall	Double Wall	Double Wall
Heating Input (MBH/kW)	2100/615	4200/1231	6300/1846	2100/615	4200/1231	6300/1846
Power Supply						
Voltage (AC)	240	240	240	240	240	240
Phase	1	1	1	1	1	1
FLA	20	20	20	20	20	20
Hz	60	60	60	60	60	60
Overall Dimensions (L, W, H*)	73.75, 26.5, 62.25	73.75, 26.5, 62.25	73.75, 26.5, 62.25	73.75, 26.5, 62.25	73.75, 26.5, 62.25	73.75, 26.5, 62.25
Weight (without water)	1037	1123	1273	1082	1223	1408
Heat Exchanger Surface Area (ft ²)	69.6	139.2	208	81.2	162.4	243.6
Max. Boiler Supply Temp.	230° F	230° F	230° F	230° F	230° F	230° F
Max. DHW Supply Temp. (FHL)	210° F	210° F	210° F	210° F	210° F	210° F
Max. Operating Pressure (psig.)	150	150	150	150	150	150
Boiler Supply Connection (NPT) (in.)	2.5	2.5	2.5	2.5	2.5	2.5
Boiler Return Connection (NPT) (in.)	2.5	2.5	2.5	2.5	2.5	2.5
DCW Connection (NPT) (in.)	2	2	2	2	2	2
DHW Connection (NPT) (in.)	2	2	2	2	2	2
Max. DHW Flow (GPM)	60	120	180	60	120	180

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

VITODENS 200 (Commercial) (NG/LP)

Model (kW, MBH)	B2HA 88, 311	B2HA 100, 352	B2HA 112, 211	B2HA 150, 530
Part Number	B2HAH13	B2HAH14	B2HAA94	B2HAA95
MBH Input	71-311	71-352	113-399	113-530
MBH Output	67-294	67-333	103-375	103-495
Turn Down	4:1	5:1	3.5:1	4.7:1
Thermal Efficiency	94%	93.5%	93%	92.5%
Connections	1" GAS (MNPT) 1 1/2" S/R (MNPT)	1" GAS (MNPT) 1 1/2" S/R (MNPT)	1" GAS (MNPT) 2" S/R (MNPT)	1" GAS (MNPT) 2" S/R (MNPT)
Vent	110/150mm COAX 4" PPS	110/150mm COAX 4" PPS	10/150mm COAX 4" PPS	110/150mm COAX 4" PPS
LLH	7498530 2" MNPT	7498530 2" MNPT	7498530 2" MNPT	7498530 2" MNPT
Boiler Pump	7248585 UPS 26-99 FC	7248585 UPS 26-99 FC	7441596 UPS 26-150 FC	7441596 UPS 26-150 FC
Neutralizer	7740947	7740947	7740947	7740947
Min. Operating Pressure Natural Gas ("w.c.) Liquid Propane Gas ("w.c.)	4 10	4 10	4 10	4 10
Dimensions: Weight (L, W, H)	194 lbs 21", 19", 43 1/2"	194 lbs 21", 19", 43 1/2"	298 lbs 27", 23 5/8", 44 1/2"	298 lbs 27", 23 5/8", 44 1/2"



Vitodens 200



B2HA 88 - B2HA 150: Double pipe adapter included with boiler in separate box (PN: 7373253).
Please refer to Price Book for multi-boiler package information.
All Vitodens 200 models available in a Low NOx version.



Vitocrossal 200 CM2


VITOCROSSAL 200 CM2 (NG/LP)

Model	CM2 186	CM2 246	CM2 311	CM2 400	CM2 500	CM2 620TX	CM2 620
Part Number	CM20487	CM220488	CM20489	CM20490	CM20491	CM20493	CM20492
MBH Input	131-663	175-878	222-1112	287-1445	358-1800	450-1999	450-2245
MBH Output	643	851	1078	1372	1710	1899	2132
Turn Down	5:1	5:1	5:1	5:1	5:1	4.5:1	5:1
Thermal Efficiency	97%	97%	97%	95%	95%	95%	95%
Connections	2 1/2" S/R (ANSI) 1" GAS (MNPT)	2 1/2" S/R (ANSI) 1 1/4" GAS (MNPT)	2 1/2" S/R (ANSI) 1 1/4" GAS (MNPT)	4" S/R (ANSI) 1 1/4" GAS (MNPT)	4" S/R (ANSI) 1 1/4" GAS (MNPT)	4" S/R (ANSI) 1 1/4" GAS (MNPT)	4" S/R (ANSI) 1 1/4" GAS (MNPT)
Vent	8" ID	8" ID	8" ID	10" ID	10" ID	10" ID	10" ID
Boiler Pump	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
Neutralizer	7740947	7740947	7740947	7740947	7740947	7740947	7740947
Max. Operating Pressure (PSIG)	75	75	75	75	75	75	75
Dimensions: Weight (L, W, H)	726 lbs 73" 36 1/2" 66"	759 lbs 73" 36 1/2" 66"	792 lbs 73" 36 1/2" 66"	1495 lbs 89.5" 65.6" 42.4"	1662 lbs 95.6" 65.6" 42.4"	1929 lbs 100.8" 68.75" 44.4"	1929 lbs 100.8" 68.75" 44.4"

* When piped properly, boiler pump not required due to large boiler water content.



Vitocrossal 300 CA3


VITOCROSSAL 300 CA3 (NG/LP)

Model	CA3 2.5	CA3 3.0	CA3 3.5	CA3 4.0	CA3 5.0	CA3 6.0
Part Number	CA30098	CA30099	CA30086	CA30087	CA30088	CA30089
MBH Input	250-2500	300-3000	300-3500	400-4000	300-5000	400-6000
MBH Output	2402	2883	3363	3844	4805	5766
Turn Down	10:1	10:1	11.6:1	10:1	16.6:1	15:1
Thermal Efficiency	96.1%	96.1%	96.1%	96.1%	96.1%	96.1%
Connections	4" S/R (ANSI) 2 1/2" GAS (MNPT)	4" S/R (ANSI) 2 1/2" GAS (MNPT)	4" S/R (ANSI) 2 1/2" GAS (MNPT)	4" S/R (ANSI) 2 1/2" GAS (MNPT)	4" S/R (ANSI) 3" GAS (MNPT)	6" S/R (ANSI) 3" GAS (MNPT)
Vent	10" ID	10" ID	12" ID	12" ID	16" ID	16" ID
Boiler Pump	N/A*	N/A*	N/A*	N/A*	N/A*	N/A*
Neutralizer	7740947	7740947	7740947	7740947	7740947	7740947
Max. Operating Pressure (PSIG)	160	160	160	160	160	160
Dimensions: Weight (L, W, H)	4388 lbs 90 3/4" 33 7/8" 78 3/4"	4388 lbs 90 3/4" 33 7/8" 78 3/4"	4982 lbs 101 5/8" 39 3/8" 84"	5093 lbs 101 5/8" 39 3/8" 84"	6592 lbs 138" 39 3/8" 84"	7187 lbs 138" 39 3/8" 84"

LP Conversion Kits are included with all Vitocrossal 200 CM2 and Vitocrossal CA3 models.

* When piped properly boiler pump not required due to large boiler water content.

All CA3 boilers are available as dual fuel units (NG/LPG).

Maximum Venting Length

COMBIS

VITODENS 100

Model (kW, MBH)		B1KA 35, 125	B2TB 35, 125	B1HA 26, 94	B1HA 35, 125
Boiler Vent Connection Coaxial		60 mm/100 mm	60 mm/100 mm	60 mm/100 mm	60 mm/100 mm
Boiler Vent Connection PPS		2"	2"	2"	2"
Coaxial Vent	60/100	82'	33'	82'	82'
	80/125	98' ¹	40' ¹	98' ¹	98' ¹
	100/150 or 100/160	118' ²	450' ²	118' ²	118' ²
PPS/CPVC Vent	2"	98'	98'	98'	98'
	3"	164'	164'	164'	164'
	4"	200'	200'	200'	200'
Double Pipe Adapter Included		N/A*	N/A*	N/A*	N/A*
CPVC Adaptor		7134769 60 mm to 2"	7134769 60 mm to 2"	7134769 60 mm to 2"	7134769 60 mm to 2"

* 2-pipe option included with boiler.

VITOCROSSAL CU3A

Model (kW, MBH)		CU3A 26, 94	CU3A 35, 125	CU3A 45, 160	CU3A 57, 199
Boiler Vent Connection Coaxial		80 mm/125 mm ⁴	80 mm/125 mm ⁴	110 mm/160 mm ⁵	110 mm/160 mm ⁵
Boiler Vent Connection PPS		3"	3"	4" ⁶	4" ⁶
Coaxial Vent	60/100	-	-	-	-
	80/125	98'	98'	-	-
	100/150	110' ³	110' ³	98'	98'
PPS/CPVC Vent	2"	-	-	-	-
	3"	198'	198'	-	-
	4"	-	-	198'	198'
Double Pipe Adapter Included		N/A**	N/A**	N/A**	N/A**
CPVC Adaptor		7134770 80 mm to 3"	7134770 80 mm to 3"	7134771 110 mm to 4"	7134771 110 mm to 4"

** Boiler is preset for 2-pipe venting. Coaxial adaptors are available.

1 - REQUIRED 60/100 TO 80/125 ADAPTOR 7664161
 2 - REQUIRED 60/100 TO 110/160 ADAPTOR 7664162
 3 - REQUIRED 80/125 TO 110/160 ADAPTOR 7664163

4 - TO VENT COAX ON CU3A 26 AND 35 ORDER COAXIAL ADAPTOR 7664165
 5 - TO VENT COAX ON CU3A 45 AND 57 ORDER COAXIAL ADAPTOR 7664166
 6 - INTAKE IS SETUP FOR 3" PPS ALSO INCLUDES ADPATOR FOR PVC/CPVC

Maximum Venting Length

VITODENS 200 (Residential)

Model (kW, MBH)		B2HB 26, 94	B2HB 35, 125	B2HB 57, 199	B2HA 80, 285
Boiler Vent Connection Coaxial		60 mm/100 mm	60 mm/100 mm	80 mm/125 mm	110 mm/150 mm
Boiler Vent Connection PPS		2"	2"	3"	4"
Coaxial Vent	60/100	33'	33'	–	–
	80/125	40' ¹	40' ¹	20'	–
	100/150 or 100/160	50' ²	50' ²	30' ³	43'
PPS/CPVC Vent	2"	115'	115'	–	–
	3"	148'	148'	98'	–
	4"	180'	180'	148'	131'
Double Pipe Adapter Included		N/A*	N/A*	YES 7189822	YES 7373253
CPVC Adaptor		7134769 60 mm to 2"	7134769 60 mm to 2"	7134770 80 mm to 3"	7134771 110 mm to 4"

* 2-pipe option included with boiler.

VITODENS 200 (Commercial)

Model (kW, MBH)		B2HA 88, 311	B2HA 100, 352	B2HA 112, 399	B2HA 150, 530
Boiler Vent Connection Coaxial		110MM/150 mm	110MM/150 mm	110MM/150 mm	110MM/150 mm
Boiler Vent Connection PPS		4"	4"	4"	4"
Coaxial Vent	60/100	–	–	–	–
	80/125	–	–	–	–
	100/150	50'	50'	26'	16'
PPS/CPVC Vent	2"	–	–	–	–
	3"	–	–	–	–
	4"	131'	131'	131'	131'
Double Pipe Adapter Included		YES 7373253	YES 7373253	YES 7373253	YES 7373253
CPVC Adaptor		7134771 110 mm to 4"	7134771 110 mm to 4"	7134771 110 mm to 4"	7134771 110 mm to 4"

*A 10% BOILER INPUT REDUCTION @ 99 FT. FOR ALL SIZES AND ALL CONFIGURATIONS

*1ST ELBOW IS EXCLUDED FROM IN EQUIVALENT VENT CALCULATIONS

*ALWAYS INCLUDE VENT TERMINATION LENGTH IN CALCULATIONS

VITOROND 200 VD2A (Oil and Gas)

Model	VD2A 125	VD2A 160	VD2A 195	VD2A 230	VD2A 270
Part Number	Contact Sales Rep/ Factory	Contact Sales Rep/ Factory	Contact Sales Rep/ Factory	Contact Sales Rep/ Factory	Contact Sales Rep/ Factory
MBH Input (Gas)	508	650	792	934	1096
MBH Input (Oil)	490	628	765	902	1059
MBH Output (Gas & Oil)	433	553	672	794	932
Thermal Efficiency Gas Oil	85.2% 87.9%	85.1% 87.6%	84.8% 87.9%	84.8% 87.6%	84.7% 87.4%
Connections	2 1/2" S/R	2 1/2" S/R	2 1/2" S/R	2 1/2" S/R	2 1/2" S/R
Vent Pipe Collar Outer Diameter	8"	8"	8"	8"	8"
Max. Operating Pressure (PSIG)	85	85	85	85	85
Dimensions Weight (L*, W, H)	1201 lbs 35 3/4" 34" 58 1/2"	1441 lbs 42 1/4" 34" 58 1/2"	1675 lbs 49" 34" 58 1/2"	1874 lbs 55 1/2" 34" 58 1/2"	2127 lbs 62 1/4" 34" 58 1/2"



Vitorond 200



For information regarding Vitorond 200 cast-iron hot water boilers with gross input sizes ranging from 1255 to 4387 MBH, please contact Viessmann Manufacturing Inc., US, directly.
*Length measurement does not include burner.



Vitoflex RF



† Based on the higher heating value of the fuel.

VITOFLEX RF (PYROT) (Biomass)

Model	RF 150	RF 220	RF 300	RF 400	RF 540
Part Number (30 PSIG)	7419035	7419036	7419037	7419038	7419039
Part Number (60 PSIG)	7438282	7438283	7438284	7438285	7438286
MBH Output	154-512	205-751	273-1024	341-1365	478-1843
Thermal Efficiency	85%*	85%*	85%*	85%*	85%*
Max. Fuel Moisture Content	35%	35%	35%	35%	35%
Boiler Vent Connection	10"	10"	12"	14"	14"
Weight (Boiler only)					
30 PSIG	6,532 lbs	8,530 lbs	9,595 lbs	12,416 lbs	14,401 lbs
60 PSIG	6,620 lbs	8,662 lbs	9,639 lbs	12,527 lbs	14,621 lbs
Dimensions (Boiler only) (L, W, H)	119 1/2" 41 3/8" 71 7/8"	120 1/2" 52 3/8" 82 1/16"	134 7/16" 52 3/8" 82 1/16"	136 1/8" 61 7/8" 95 3/8"	145 1/16" 61 7/8" 98 1/8"

*Based on the higher heating value of the fuel.



Vitoflex UF



† Based on the higher heating value of the fuel.

VITOFLEX UF (PYROTEC) (Biomass)

Model	UF 390	UF 530	UF 720	UF 950	UF 1250
Part Number (30 PSIG)	7419064	7419065	7419066	7419067	7419068
Part Number (60 PSIG)	7438287	7438288	7438289	7438290	7438291
MBH Output	334-1331	450-1808	614-2457	812-3242	1065-4265
Thermal efficiency	85%*	85%*	85%*	85%*	85%*
Max. Fuel Moisture Content	50%	50%	50%	50%	50%
Boiler Vent Connection	14"	14"	14"	16"	18"
Weight (Boiler only)					
30 PSIG	12,820 lbs	17,780 lbs	21,572 lbs	27,492 lbs	30,858 lbs
60 PSIG	12,820 lbs	17,780 lbs	22,234 lbs	28,153 lbs	31,740 lbs
Dimensions (Boiler only) (L, W, H)	129 3/16" 50 1/8" 93 5/8"	149" 50 1/8" 99 7/8"	152 5/8" 54 3/8" 111 5/8"	151" 63 1/2" 119 1/2"	172 1/2" 63 1/2" 127 1/8"

*Based on the higher heating value of the fuel.
Max. operating pressure for both the Vitoflex RF and UF is 30 PSIG or 60 psig.



Vitosol 200-FM



VITOSOL 200-FM (Solar)

Model	SV2F	SH2F
Part Number	7571217	7561684
Absorber Area (ft²)	25	25
Gross Area (ft²)	27	27
Dimensions Weight (Depth, W, H)	90 lbs 3 1/2" 41 3/4" 93 3/4"	90 lbs 3 1/2" 93 3/4" 41 3/4"



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Why Viessmann?

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We believe that your time and expertise is valuable.

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