



Product Reference Guide

RESIDENTIAL BOILERS

INDIRECT WATER HEATERS

COMMERCIAL BOILERS

SOLAR HEATING SYSTEMS

BIOMASS HEATING SYSTEMS

Heating Systems ◀

Industrial Systems

Refrigeration Systems



Vitodens 222-F



Vitodens 100



COMBI BOILERS (NG/LP)

B1KA:125/149*

B2TB:125

Model	Vitodens 100, B1KA 35	Vitodens 222-F, B2TB 35
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	60/100MM COAX 2" PPS	60/100MM 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"	311 lbs 23 1/2", 23 5/8", 64"
Max Draw Rate GPM	3.7 @ 77°F	5.45 @ 77°F

* DHW Booster ** Vitodens 222-F, B2TB 35 includes a 26.5 gallon stainless steel indirect tank.

VITODENS 100 (NG/LP)

B1HA:94

B1HA:125

Model	B1HA 26	B1HA 35
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	60/100MM COAX 2" PPS	60/100MM 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)

	CU3A:94	CU3A:125	CU3A:160	CU3A:199
Model	CU3A 26	CU3A 35	CU3A 45	CU3A 57
Part Number	CU3A350	CU3A351	CU3A352	CU3A353
MBH Input	19-94	25-125	43-160	40-199
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.) Liquid Propane Gas ("w.c.)	4 10	4 10	4 10	4 10
Dimensions: Weight (L, W, H)	269 lbs 27", 26", 61 1/2"	275 lbs 27", 26", 61 1/2"	341 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)


Vitodens 200



B2HB:94

B2HB:125

B2HB:160

B2HB:199

B2HA:285

Model	B2HB 26	B2HB 35	B2HB 45	B2HB 57	B2HA 80
Part Number	B2HB008	B2HB009	B2HB069	B2HB070	B2HAH12
MBH Input	19-94	19-125	32-160	32-199	71-285
MBH Output	17.4-88	17.4-117	30-149	30-185	65-260
Turn Down	5:1	6.5:1	5:1	6:1	4:1
AFUE	95%	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)	1" GAS (MNPT) 1 1/2" S/R (MNPT)
Vent	60/100MM COAX 2" PPS	60/100MM COAX 2" PPS	80/125MM COAX 3" PPS	80/125MM COAX 3" PPS	110/150MM COAX 4" PPS
LLH	7498529 1 1/4" MNPT	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	7248585 UPS 26-99 FC
Neutralizer	7740946	7740946	7740946	7740946	7740946
Minimum Gas Supply Pressure Natural Gas ("w.c.)	4	4	4	4	4
Liquid Propane Gas ("w.c.)	10	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"	155 lbs 21", 19", 43 1/2"	155 lbs 21", 19", 43 1/2"	194 lbs 21", 19", 43 1/2"

All Vitodens 200 models available in a Low NOx version.

B2HB 26 & 35: No double pipe adapter needed

B2HB 45 & 57: Double pipe adapter included with boiler in separate box (PN: 7189822)

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

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	VR1-27	VR1-33	VR1-40	VR1-50	VR1-63
Part Number	7249048	7249049	7249050	VR10325	VR10326	VR10327

Control Options- choose 1 option

Control Option	VR1-22	VR1-27	VR1-33	VR1-40	VR1-50	VR1-63
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	VR1-27	VR1-33	VR1-40	VR1-50	VR1-63
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	VR1-27	VR1-33	VR1-40	VR1-50	VR1-63
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%	87%
Dimensions Weight (L, W, H)	442 lbs 38 1/2" 19 3/4" 33"	508 lbs 44" 19 3/4" 33"	508 lbs 44" 19 3/4" 33"	564 lbs 36" 22 1/4" 39 3/4"	694 lbs 37 1/2" 22 1/4" 39 3/4"	822 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	VR1-27	VR1-33	VR1-40	VR1-50	VR1-63
for Vitorond 100 9 3/4" height	7133073	7133074	7133074	7133075	7133076	7133076

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


Vitocell 300-W



Vitocell 300-V



Vitocell 300-H

	42 Gal.	53 Gal.	79 Gal.	119 Gal.
Model	300-V EVIA 42	300-V EVIA 53	300-V EVIA 79	300-V EVI 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	316Ti Stainless Steel Hygenic Tank & Coil Construction
DHW Continuous Flow Rate (GPH)	91-175	91-183	97-204	114-234

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

VITOCELL 300-H (Indirect Water Heater)

	42 Gal.	53 Gal.	92 Gal.	119 Gal.
Model	EHA 42	EHA 53	EHA 92	EHA 119
Part Number	Z014847	Z014848	Z014849	Z014850
Connections	1" MNPT HTG S/R 3/4" MNPT Domestic H/C 3/4" MNPT Temp. and pressure relief valve	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)	168 lbs 42 1/2" 25 1/4" 25 3/4"	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	316Ti Stainless Steel Hygenic Tank & Coil Construction
DHW Continuous Flow Rate (GPH)	90-144	60-144	88-193	108-234

VITOCCELL 300-B (Indirect Water Heater)

	79 Gal.	119 Gal.
Model	EVB 79	EVB 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	316 Ti Stainless Steel Hygenic Tank & Coil Construction	316 Ti Stainless Steel Hygenic Tank & Coil Construction
DHW Continuous Flow Rate (GPH)	97-204	114-234

Dual Coil DHW Tank



Vitocell 300-B

VITOCCELL 100-V (Indirect Water Heater)

	42 Gal.	53 Gal.	79 Gal.	119 Gal.
Model	CVA 42	CVA 53	CVAA 79	CVA 119
Part Number	Z014836	Z014837	Z014838	Z014839
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" 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"	399 lbs 34" 36 1/4" 72 1/2"
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	Steel DHW tank with Ceraprotect two-coat enamel coating
DHW Continuous Flow Rate (GPH)	51-146	51-146	92-172	102-233



Vitocell 100-V

VITOCCELL 100-B (Indirect Water Heater)

	79 Gal.	119 Gal.
Model	CVBB 79	CVB 119
Part Number	Z014841	Z014842
Connections	1" MNPT HTG S/R 1" MNPT Domestic H/C 1" MNPT Recirc.	1" MNPT HTG S/R 1 1/4" MNPT Domestic H/C 1" MNPT Recirc.
Dimensions: Weight (L, W, H)	352 lbs 26 1/4" 29 1/4" 68 1/4"	452 lbs 34" 36 1/3" 76 3/4"
Tank Material	Steel DHW tank with Ceraprotect two-coat enamel coating	Steel DHW tank with Ceraprotect two-coat enamel coating
DHW Continuous Flow Rate (GPH)	92-172	102-233

Dual Coil DHW Tank



Vitocell 100-B

VITODENS 200 (Commercial) (NG/LP)


Vitodens 200



	B2HA:311	B2HA:352	B2HA:399	B2HA:530
Model	B2HA 88	B2HA 100	B2HA 112	B2HA 150
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"

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 (NG/LP)

CM2:633 CM2:878 CM2:1112 CM2:1445 CM2:1800 CM2:1999 CM2:2245

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	133-663	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 200 CM2



VITOCROSSAL 300 CA3 (NG/LP)

CA3:2500 CA3:3000 CA3:3500 CA3:4000 CA3:5000 CA3:6000

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)



Vitocrossal 300 CA3



Maximum Venting Length

COMBIS

VITODENS 100

Model		B1KA 35	B2TB 35	B1HA 26	B1HA 35
Boiler Vent Connection Coaxial		60MM/100MM	60MM/100MM	60MM/100MM	60MM/100MM
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	118' ²	49' 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 60MM to 2"	7134769 60MM to 2"	7134769 60MM to 2"	7134769 60MM to 2"

* 2-pipe option included with boiler

VITOCROSSAL CU3A

Model		CU3A 26	CU3A 35	CU3A 45	CU3A 57
Boiler Vent Connection Coaxial		80MM/125MM ⁴	80MM/125MM ⁴	110MM/160MM ⁵	110MM/160MM ⁵
Boiler Vent Connection PPS		3"	3"	4" ⁶	4" ⁶
Coaxial Vent	60/100	-	-	-	-
	80/125	98'	98'	-	-
	100/150	108' ³	108' 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 80MM to 3"	7134770 80MM to 3"	7134771 110MM to 4"	7134771 110MM 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 ADAPTOR FOR PVC/CPVC

VITODENS 200 (Residential)

Model		B2HB 26	B2HB 35	B2HB 45	B2HB 57	B2HA 80
Boiler Vent Connection Coaxial		60MM/100MM	60MM/100MM	80MM/125MM	80MM/125MM	110MM/150MM
Boiler Vent Connection PPS		2"	2"	3"	3"	4"
Coaxial Vent	60/100	33'	33'	-	-	-
	80/125	40' ¹	40' ¹	33'	20'	-
	100/150	49' ²	49' ²	43' ³	30' ³	43'
PPS/CPVC Vent	2"	115'	115'	-	-	-
	3"	148'	148'	98'	98'	-
	4"	180'	180'	180'	148'	148'
Double Pipe Adapter Included		N/A*	N/A*	YES 7189822	YES 7189822	YES 7373253
CPVC Adaptor		7134769 60MM to 2"	7134769 60MM to 2"	7134770 80MM to 3"	7134770 80MM to 3"	7134771 110MM to 4"

* 2-pipe option included with boiler

VITODENS 200 (Commercial)

Model		B2HA 88	B2HA 100	B2HA 112	B2HA 150
Boiler Vent Connection Coaxial		110MM/150MM	110MM/150MM	110MM/150MM	110MM/150MM
Boiler Vent Connection PPS		4"	4"	4"	4"
Coaxial Vent	60/100	-	-	-	-
	80/125	-	-	-	-
	100/150	43'	43'	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 110MM to 4"	7134771 110MM to 4"	7134771 110MM to 4"	7134771 110MM 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


VITOROND 200 VD2A (Oil)

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% 87.4%	84.8% 87.3%	84.7% 87.2%
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"

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.

VITOSOL 200-FM (Solar)

Model	SV2F	SH2F
Part Number	7571217	7561684
Absorber Area (ft ²)	25	25
Gross Area (ft ²)	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"



Vitosol 200-FM

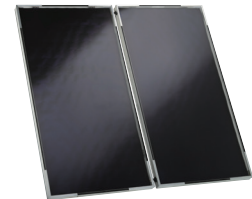


VITOSOL DHW SOLAR PACK (Solar)

Model	SVKF with CVBA Tank	SVKF with CVSA Tank
Part Number	SK06458	SK06459
Absorber Area (ft ²)	21.6	21.6
Gross Area (ft ²)	23.5	23.5
Dimensions of (1)* Solar Collector Weight (L, W, H)	81.6 lbs 2.8" 41." 81.3"	81.6 lbs 2.8" 41." 81.3"
Capacity (USG)	66	69
Number of Internal Coils	2	1
Auxilliary Heating	Top coil	4.5 kW Electric Element
Dimensions of DHWTank Weight (Depth, W, H)	273.4 lbs 24.8" 33.8" 58.6"	275.6 lbs 25.6" 33.8" 58.6"
Pump	Grundfos 15-68	Grundfos 15-68
Controller	DeltaSol BX	DeltaSol BX



Vitosol DHW Solar Pack



Vitosol 200-F (type SVK) Dual collector assembly



Vitocell 100-W with Solar Divicon

*Absorber area, Gross area and Aperature area represent the data for (1) solar collector (SVK). Solar pack comes standard with two collectors for sloped roof mounting only.





Vitoligno 300



Vitoflex RF



† Based on the higher heating value of the fuel.



VitoFlex UF



† Based on the higher heating value of the fuel.

VITOLIGNO 300 (Biomass)

Model	C 32 kW*	C 48 kW*	C 32 kW**	C 48 kW**
Part Number	VL3C144	VL3C145	VL3C146	VL3C147
MBH Output	37.4-109.6	54.4-164	37.4-109.6	54.4-164
Thermal Efficiency	85%	85%	85%	85%
Boiler Water Content (USG)	47.5	47.5	47.5	47.5
Recommended Buffer Tank (USG)	200	400	200	400
Boiler Vent Connection	6"	6"	6"	6"
Dimensions Weight (L, W, H)	1433 lbs 48 1/8" 52 1/2" 61 1/2"	1433 lbs 48 1/8" 52 1/2" 61 1/2"	1356 lbs 48 1/8" 50" 61 1/2"	1356 lbs 48 1/8" 50" 61 1/2"

* Vitoligno 300-C with pellet hopper

** Vitoligno 300-C ready to connect flexible screw

For use with wood pellets only.

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 60 PSIG	6,532 lbs 6,620 lbs	8,530 lbs 8,662 lbs	9,595 lbs 9,639 lbs	12,416 lbs 12,527 lbs	14,401 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 (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"	16"
Weight (Boiler only) 30 PSIG 60 PSIG	12,820 lbs 12,820 lbs	17,780 lbs 17,780 lbs	21,572 lbs 22,234 lbs	27,492 lbs 28,153 lbs	30,858 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



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Provide your customers comfort and peace of mind, and yourself the convenience of the easiest boiler installation and maintenance you will ever experience.

For most current product information, please visit **viessmann.com**

Technical information subject to change without notice.