

Quick Reference Chart Residential Products

Buderus

Bosch Group

Oil Boilers



G115WS
shown
stacked on
optional LT
water tank.



GB125BE
Condensing
Oil Boiler

Model	Input	Output	Net IBR	AFUE	Flue Size	Supply	Return
G115/21WS	85,000	74,000	64,000	86.7%	5"	1 1/4"	1"
G115/28WS	109,000	95,000	85,000	86.9%	5"	1 1/4"	1"
G115/34WS	136,000	119,000	104,000	87.0%	5"	1 1/4"	1"
G125BE/21	81,000	72,000	63,000	89.8%	5"	1 1/4"	1"
G125BE/28	108,000	97,000	84,000	89.5%	5"	1 1/4"	1"
G125BE/34	132,000	118,000	103,000	89.0%	5"	1 1/4"	1"
GB125BE/22	81,000	75,000	65,000	91.2%	Buderus 80/120	1 1/4"	1"
GB125BE/30	108,000	100,000	87,000	91.1%	Buderus 80/120	1 1/4"	1"
GB125BE/35	131,000	121,000	105,000	91.0%	Buderus 80/120	1 1/4"	1"
G215/3	154,000	134,000	117,000	86.3%	6"	1 1/2"	1 1/2"
G215/4	196,000	171,000	149,000	86.2%	6"	1 1/2"	1 1/2"
G215/5	238,000	207,000	180,000	86.1%	6"	1 1/2"	1 1/2"
G215/6	294,000	256,000	223,000	86.0%	6"	1 1/2"	1 1/2"
G215/7	350,000	294,000	256,000	86.7%	6"	1 1/2"	1 1/2"

Gas Boilers Sealed Combustion*



GA124 shown
with optional
logamatic
control

Model	Input	Output	Net IBR	AFUE	Flue Size	Intake Size	Supply	Return
GA124/17	70,000	59,000	51,000	85.2%	3"	3"	1"	1"
GA124/23	94,000	79,000	69,000	85.1%	3"	3"	1"	1"
GA124/30	123,000	104,000	90,000	85.0%	3"	3"	1"	1"
GA244/37	156,000	128,000	111,000	85.0%	3"	4"	1 1/2"	1 1/2"
GA244/44	182,000	148,000	129,000	85.0%	3"	4"	1 1/2"	1 1/2"
GA244/53	220,000	181,000	157,000	84.8%	3"	4"	1 1/2"	1 1/2"
GA244/62	262,000	212,000	184,000	84.6%	4"	4"	1 1/2"	1 1/2"

* All sealed combustion gas boilers are vented with AL29-4C pipe. Use Galvanized pipe for fresh air intake.

Gas Boilers Atmospheric Vent



Model	Input	Output	Net IBR	AFUE II	AFUE SP	Flue Size	Supply	Return
GC124/18†	74,000	61,400	53,000	84.0%	80.9%	5"	1 1/4"	1 1/4"
GC124/25†	103,000	85,500	75,000	84.0%	81.7%	5"	1 1/4"	1 1/4"
GC124/32†	132,500	110,000	96,000	84.0%	82.4%	6"	1 1/4"	1 1/4"
G124X/18	74,000	61,400	53,000	84.3%	N/A	5"	1"	1"
G124X/25	103,000	85,500	75,000	84.2%	N/A	5"	1"	1"
G124X/32	132,000	110,000	96,000	84.6%	N/A	6"	1"	1"
G234X/38	160,000	130,000	113,000	84.3%	N/A	7"	1 1/2"	1 1/2"
G234X/45	187,000	154,000	134,000	84.1%	N/A	7"	1 1/2"	1 1/2"
G234X/55	228,000	188,000	163,000	84.8%	N/A	7"	1 1/2"	1 1/2"
G234X/64	266,000	219,000	190,000	84.3%	N/A	8"	1 1/2"	1 1/2"
G334X/73	301,000	249,000	217,000	83.5%	N/A	8"	1 1/2"	1 1/2"
G334X/92	378,000	314,000	273,000	82.9%	N/A	9"	1 1/2"	1 1/2"
G334X/116	476,000	369,000	344,000	83.8%	N/A	10"	1 1/2"	1 1/2"
G334X/132	542,000	451,000	392,000	83.2%	N/A	10"	1 1/2"	1 1/2"

† GC124 Models will not accept a Logamatic control.

GB142 Wall Hung Condensing Boilers



Model	Input	Output (176°/140° F) Variable	Output (122°/86° F) Variable	AFUE	PVC Vent Pipe	PVC Air Intake	Boiler Supply & Return	System Supply & Return
GB142/24	84,800	22,700-75,200	25,300-83,300	95.0%	3"	3"	1"	1"
GB142/30	106,000	28,100-91,500	30,700-102,400	94.0%	3"	3"	1"	1"
GB142/45	160,900	42,500-142,000	47,200-158,000	95.0%	3"	3"	1"	1 1/2"
GB142/60*	214,800	56,800-198,800	63,200-211,600	95.0%	3"	3"	1"	1 1/2"

* GB142/60 is now available in Natural Gas and LP.

Quick Reference Chart Commercial Products

Buderus

Bosch Group

Cast Iron Boilers



Model	Boiler HP	Max Input Gas	Max Input Oil	Gross Output	Net IBR	AFUE Gas	AFUE Oil	Flue Size	Supply	Return
G315/5	10.4	433,000	3.00	350,000	304,000	84.2%	86.8%	7"	3"	3"
G315/6	13.6	556,000	3.85	454,000	395,000	84.3%	86.9%	7"	3"	3"
G315/7	16.6	678,000	4.70	559,000	486,000	84.4%	87.0%	7"	3"	3"
G315/8	19.8	801,000	5.60	663,000	577,000	84.4%	87.1%	7"	3"	3"
G315/9	22.9	924,000	6.40	768,000	668,000	84.5%	87.1%	7"	3"	3"
G515/7	24.5	995,000	6.90	818,000	711,000	85.6%	88.2%	10"	4"	4"
G515/8	30.2	1,216,000	8.40	1,009,000	877,000	85.5%	88.2%	10"	4"	4"
G515/9	35.9	1,438,000	10.00	1,200,000	1,043,000	85.5%	88.1%	10"	4"	4"
G515/10	41.6	1,660,000	11.60	1,391,000	1,210,000	85.5%	88.1%	10"	4"	4"
G515/11	47.3	1,881,000	13.00	1,582,000	1,376,000	85.4%	88.1%	10"	4"	4"
G515/12	53.0	2,103,000	14.60	1,773,000	1,542,000	85.4%	88.1%	10"	4"	4"
G615/9	58.3	2,309,000	16.00	1,951,000	1,697,000	84.1%	86.7%	14"	6"	6"
G615/10	66.9	2,670,000	18.50	2,242,000	1,950,000	84.1%	86.7%	14"	6"	6"
G615/11	75.6	3,031,000	21.00	2,532,000	2,202,000	84.0%	86.6%	14"	6"	6"
G615/12	84.3	3,392,000	23.50	2,822,000	2,454,000	84.0%	86.6%	14"	6"	6"
G615/13	92.9	3,753,000	26.00	3,112,000	2,706,000	83.9%	86.5%	14"	6"	6"
G615/14	101.6	4,113,000	28.50	3,402,000	2,958,000	83.9%	86.5%	14"	6"	6"
G615/15	110.3	4,474,000	31.00	3,692,000	3,210,000	83.9%	86.5%	14"	6"	6"
G615/16	118.9	4,835,000	33.50	3,982,000	3,463,000	83.9%	86.5%	14"	6"	6"

Commercial Condensing Boilers



Model	Input	Gross Output	Net IBR	Combustion Efficiency	Flue Size	Supply	Return
GB312/90	328,000	305,000	265,000	93.4%	6"	2½"	2½"
GB312/120	441,000	409,000	356,000	93.1%	6"	2½"	2½"
GB312/160	588,000	544,000	473,000	92.8%	6"	2½"	2½"
GB312/200	733,000	676,000	588,000	92.5%	8"	2½"	2½"
GB312/240	881,000	810,000	705,000	92.2%	8"	2½"	2½"
GB312/280	1,028,000	944,000	821,000	92.0%	8"	2½"	2½"

Stainless Steel Condensing Boilers



Kondens®
Tubes

Model	Input	Gross Output	Net IBR	Combustion Efficiency	Flue Size	Supply	Low Temp Return	High Temp Return
SB615/145	506,000	484,000	421,000	97.1%	6"	2½"	2½"	2"
SB615/185	644,000	612,000	532,000	96.7%	6"	2½"	2½"	2"
SB615/240	835,000	791,000	688,000	96.5%	8"	3"	3"	2½"
SB615/310	1,080,000	1,022,000	889,000	96.4%	8"	3"	3"	2½"
SB615/400	1,393,000	1,317,000	1,145,000	96.3%	10"	4"	4"	2½"
SB615/510	1,776,000	1,678,000	1,459,000	96.2%	12"	4"	4"	3"
SB615/640	2,228,000	2,104,000	1,830,000	96.2%	12"	4"	4"	3"
SB735/790	2,751,000	2,650,000	2,265,000	94.8%	14"	4"	4"	3"
SB735/970	3,378,000	3,251,000	2,827,000	95.6%	14"	5"	5"	4"
SB735/1200	4,179,000	4,079,000	3,547,000	96.5%	14"	5"	5"	4"

Buderus

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