

COLORATO WOOD BOILERS

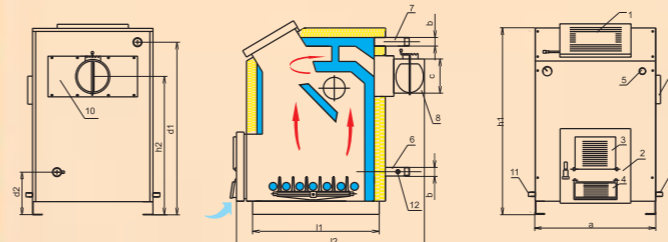
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CLASSIC

1. Top door
2. Lower door
3. Door for burner
4. Hole on lid for secondary draught
5. Connector for draught regulator R 3/4"
6. Tube connector for returning water
7. Tube connector for supply water
8. Smoke tube
9. Hole for cleaning and hole for gas burner
10. Hole for cleaning from backside
11. Ash shaker
12. Ashtray's door
13. Ashtray
14. Connector for filling and emptying R 1/2"

SUPERECO

1. Top door
2. Lower door
3. Door for burner
4. Hole on lid for secondary draught
5. Connector for draught regulator R 3/4"
6. Tube connector for returning water
7. Tube connector for supply water
8. Smoke tube
9. Stopple for flow regulator of smoke gases
10. Hole for cleaning from top side
11. Hole for cleaning from lateral side
12. Ash shaker
13. Chamotte part
14. Removable grate
15. Ashtray's door
16. Ashtray
17. Connector for filling and emptying R 1/2"



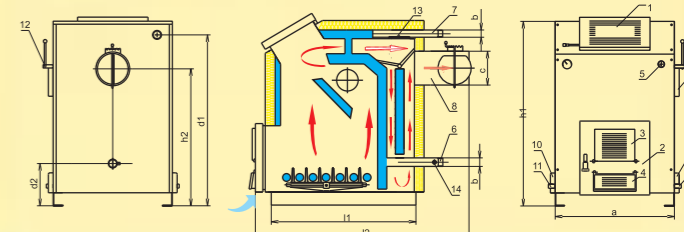
DOMINANT

1. Top door
2. Lower door
3. Door for burner
4. Hole on lid for secondary draught
5. Connector for draught regulator R 3/4"
6. Tube connector for returning water
7. Tube connector for supply water
8. Smoke tube
9. Hole for cleaning and hole for gas burner
10. Hole for cleaning from backside
11. Ash shaker
12. Connector for filling and emptying R 1/2"

DOMINANT EXTRA

1. Top door
2. Lower door
3. Door for burner
4. Hole on lid for secondary draught
5. Connector for draught regulator R 3/4"
6. Tube connector for returning water
7. Tube connector for supply water
8. Smoke tube
9. Hole for cleaning and hole for gas burner
10. Hole for cleaning
11. Ash shaker
12. Stopple for flow regulation of smoke gases
13. Hole for cleaning from top side
14. Connector for filling and emptying R 1/2"

* This type of heating boiler has no front tunnel



TECHNICAL CHARACTERISTICS	CLASSIC								ECONOMIC								SUPER ECO		
	ABC25	ABC30	ABC35	ABC40	ABC50	ABC60	ABC80	ABC100	ABC26*	ABC33	ABC40	ABC55	ABC65	ABC75	ABC100	ABC130	ABC26	ABC32	ABC40
Total power (kW)	25	30	35	40	50	60	80	100	26	33	40	55	65	75	100	130	26	32	40
Water capacity (Lt)	53	66	69	72	87	97	120	137	59	68	84	93	108	120	145	188	107	121	136
Weight (kg)	214	248	253	256	300	331	379	453	241	254	305	325	369	414	489	550	391	409	437
a (mm)	600	605	605	605	680	710	750	805	595	595	605	605	680	710	745	800	570	605	670
b (inches)	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"	1 1/4"	1 1/4"	1 1/4"
c (mm)	ø160	ø160	ø160	ø160	ø180	ø180	ø180	ø200	ø160	ø160	ø160	ø180	ø180	ø180	ø200	ø200	ø180	ø180	ø180
d1 (mm)	985	1090	1120	1165	1175	1280	1425	1425	985	985	1110	1190	1220	1310	1455	1480	1155	1155	1155
d2 (mm)	340	340	340	345	350	370	390	390	350	350	365	390	390	390	395	400	440	440	440
l1 (mm)	570	655	655	655	690	690	761	845	690	690	780	818	828	881	885	985	1030	1030	1030
l2 (mm)	880	970	970	970	1010	1015	1040	1150	975	975	1055	1055	1095	1140	1140	1255	1265	1265	1265
h1 (mm)	1090	1190	1225	1270	1275	1380	1530	1530	1060	1060	1190	1275	1280	1380	1525	1545	1250	1250	1250
h2 (mm)	850	945	1005	1030	1030	1145	1280	1280	820	820	940	1005	1045	1110	1275	1290	930	930	930
Necessary draught (Pa)	15	16	18	20	22	24	27	30	22	22	24	26	27	29	33	35	22	26	30

TECHNICAL CHARACTERISTICS	DOMINANT								DOMINANT EXTRA							
	ABC25	ABC30	ABC35	ABC40	ABC50	ABC60	ABC80	ABC100	ABC26*	ABC33	ABC40	ABC55	ABC65	ABC75	ABC100	ABC130
Total power (kW)	25	30	35	40	50	60	80	100	26	33	40	55	65	75	100	130
Water capacity (Lt)	53	66	69	72	87	97	120	137	59	68	84	93	108	120	145	188
Weight (kg)	196	229	235	237	279	309	341	408	228	240	287	292	342	385	460	520
a (mm)	600	605	605	605	680	710	750	805	595	595	605	605	680	710	745	800
b (inches)	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	2"	2"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2"
c (mm)	ø160	ø160	ø160	ø160	ø180	ø180	ø180	ø200	ø160	ø160	ø160	ø180	ø180	ø180	ø200	ø200
d1 (mm)	885	985	1025	1065	1070	1175	1320	1320	895	895	1020	1085	1115	1205	1365	1375
d2 (mm)	240	240	240	240	250	265	285	285	255	255	270	285	290	290	305	315
l1 (mm)	573	655	655	655	697	690	761	845	690	690	780	818	828	881	885	985
l2 (mm)	880	970	970	970	1010	1015	1040	1150	975	975	1055	1055	1095	1140	1140	1255
h1 (mm)	985	1090	1130	1170	1175	1280	1435	1435	960	960	1090	1175	1180	1280	1430	1445
h2 (mm)	755	860	890	930	940	1020	1165	1165	735	735	850	905	935	1015	1175	1190
Necessary draught (Pa)	15	16	18	20	22	24	27	30	22	22	24	26	27	29	33	35

COLOR DRAWINGS EXPLANATION

- Water Zone
- Flow of flue gases
- Insulating layer

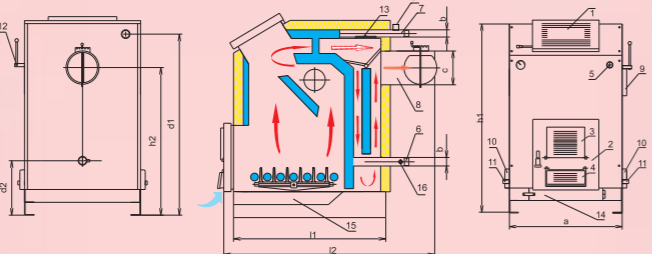
Rated capacity of heating boiler is reached with dry coal with minimum heat power Hd > 12500 kJ/kg and granulation cubes > 30 mm.

Changes in fuel implies change of rated power as well as change of degree of efficiency.

ECONOMIC

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12. Stopple for flow regulator of smoke gases
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* This type of heating boiler has no front tunnel



PELLET BURNERS

STORAGE-TANKS FOR PELLET BURNERS TWO TYPES

1. DIMENSIONS: W800 x H1128 x L800 mm
 2. DIMENSIONS: W525 x H1395 x L650 mm
- CAPACITY: 300 kg
WEIGHT: 35 kg



COLORATO

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ADJUSTABLE TO ALL WOOD BOILERS

DUO 35kW & 50kW



MODEL	DUO 35kW	DUO 50kW
POWER OF BURNER (kW)	Min 5- Max 35	Min 15- Max 50
VOLTAGE & FREQUENCY (V/Hz)	220-230/50	220-230/50
DIMENSIONS OF BURNER, WxHxL (mm)	325x305x508	325x305x620
DIMENSIONS OF FIRE TUBE (mm)	130x210	180x210
WEIGHT (kg)	23	29
PELLET CONSUMPTION (kg/h)	Min 1- Max 7	Min 3- Max 10
POWER OF RESISTANCE (W)	550	700
POWER OF AUGER MOTOR (W)	180	180
POWER OF FAN OF BURNER (W)	48	92
DUO 35 & 50 kW BURNERS ARE WORKING WITH WOOD PELLET FUEL WITH THE FOLLOWING CHARACTERISTICS (ANY OTHER PELLETS USED IS CANCELING THE GUARANTEE OF THE BURNER)	THERMAL EFFICIENCY 4.5-5,2 kwh/kg LENGTH 30 mm DIAMETER 3 mm HUMIDITY 6,6-8,0 % ASH 0,2-1,0 % SPECIFIC GRAVITY 1,0 kg/dm ³	