A+

Dal 2019 / *From 2019*

CALDAIA AUTOMATICA / *AUTOMATIC BOILER*

MOD. 24 - 31 - 48

560 m³

Volume **24**

750 m³

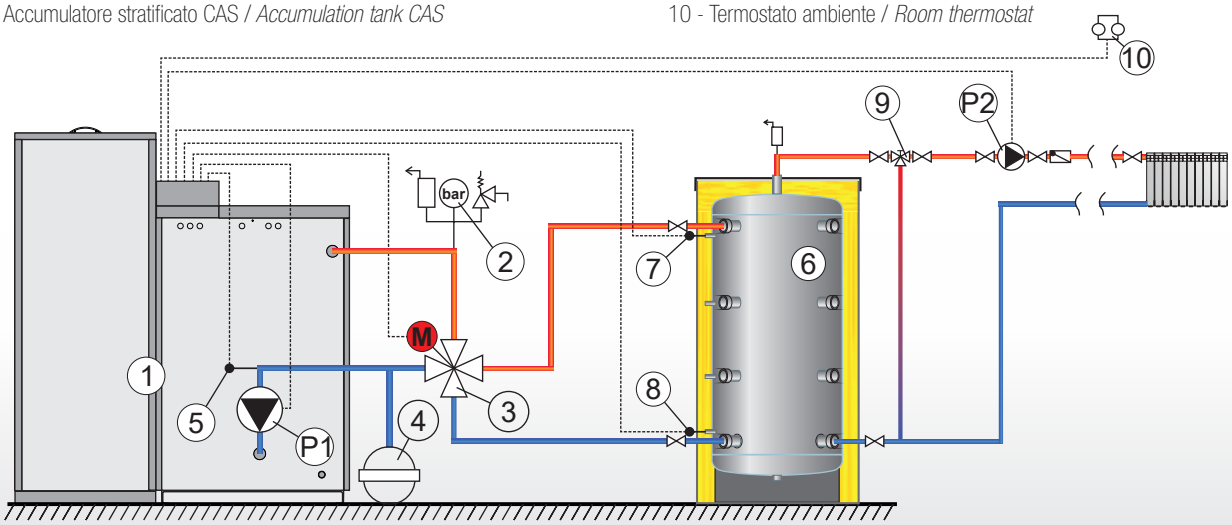
Volume **31**

1100 m³

Volume **48**

Wi-Fi

1 - Caldaia Automatica / *Automatic Boiler*
2 - Gruppo autoventilante da 2,5 bar / *Air sel-venting group 2,5 bar*
3 - Valvola miscelatrice a 4 vie / *Motor 4-ways mixing valve*
4 - Vaso di espansione chiuso / *Closed type expansion vessel*
5 - Sensore di flusso di ritorno / *Return flow sensor*
6 - Accumulatore stratificato CAS / *Accumulation tank CAS*
7 - Sensore CAS 1 dell'accumulatore stratificato (in alto) / *Accumulation tank sensor CAS 1 (upper)*
8 - Sensore CAS 2 dell'accumulatore stratificato (in basso) / *Accumulation tank sensor CAS 2 (lower)*
9 - Valvola a 3 vie / *3-way diverter valve*
10 - Termostato ambiente / *Room thermostat*



TECHNICAL DATA		MOD. 24	MOD. 31	MOD. 48
Global Power (max - min)	kW	26,5 - 6	39,69 - 6,62	54,5 - 14,6
Nominal power (max - min)	kW	23,9 - 5,5	31 - 10,8	49,7 - 13,3
Hourly consumption (max - min)	kg - h	5,49 - 1,25	8,47 - 2,28	11,3 - 3,03
Efficiency (max - min)	%	**90,6** - 90,3	**90,7** - 90,6	**91,2** - 90,7
Boiler class		5	5	5
Absorption under pressure	mbar	0,12	0,12	0,12
Amount of water in the boiler	lt	100	108	135
Exhaust gas temperature at nominal power	°C	120	120	120
Exhaust gas temperature at minimum power	°C	100	100	100
Boiler resistance (water) for rated power	mbar	13	10	14
Type of fuel		pellet	pellet	pellet
Fuel moisture content (max)	%	12	12	12
Furnace Volume	lt	1,59	2,56	2,56
Dimensions of the combustion chamber	mm	650 x 300 x 300	620 x 385 x 385	770 x 385 x 385
Combustion chamber volume	lt	58,5	91,9	114,13
Pellet reservoir volume	lt	340	340	340
Ash drawer tray volumes	lt	9,3	11,6 - 17,7	13 - 19,6
Minimum build-up required at the boiler side		EN 303-5, point 4.2.5	EN 303-5, point 4.2.5	EN 303-5, point 4.2.5
Eligibility requirements for Q	W	1050	1100	1100
Power supply voltage	Volt	220	220	220
Frequency	Hz	50	50	50
Dimensions (L x W x H)	mm	1080 x 1400 x 1560	1160 x 1485 x 1560	1175 x 1485 x 1560
Weight	kg	402	455	478
Maximum operating overpressure	Bar	2,5	2,5	2,5
Test pressure	Bar	5	5	5
Maximum operating temperature	°C	90	90	90
Chimney pipe (Exhaust gas)	ø mm	130	150	150
Supply and return pipe	ø	5/4”	5/4”	5/4”
Inlet and outlet connection	ø	1/2”	1/2”	1/2”
Heating in operation		with fan	with fan	with fan
Heating equipment operation		under non-condensing conditions	under non-condensing conditions	under non-condensing conditions

All data and pictures are indicative and provisional and subject to change without notice. The value of the volume refers to isolated buildings and it’s only indicative.

15a B-VG CE **EN-303-5** TÜV Rheinland® Precisely Right