



Wall mounted combination gas boiler

- 1> Low circulation water pressure protection:
Minimum 0.5Mpa.
- 2> Hot water temperature exceptional protection:
Maximum 3°C /sec.
- 3> Anti-frequently start ignition: An interval of
3 minutes before next start.
- 4> Multiple frost protection:
(A) 8°C, pump circulates 30 min.
(B) 5°C, heating for 5 min.
(C) Ignition fail, no gas supply, pump circulates
24hrs.
- 5> Lightning strike protection.
- 6> Deflagration protection: Increase gas flow
automatically when gas pressure is too low
(Ignition time exceptional).
- 7> Anti-lock water pump: 30 sec/24hrs. circulates
automatically during summer.
- 8> Ultra quiet operation: C.E. approved motor fan
and pump.
- 9> Self-diagnostic: Resume work from simple
breakdown.
- 10> Multifunctional user interface:
(A) Max.~ Min. gas flow control.
(B) The circulation water temperature difference
control between outlet and return water.
(C) Hot water temperature exceptional
protection control.
- 11> Switch radiator heating and under floor heating.
- 12> Switch water pump on 3min before the
circulation pump, 8 min after an intermittence
and 24 hrs in standby mode.
- 13> Adjustable circulation water temperature
difference between outlet and return water
(10~30°C) during stand by.
- 14> Domestic hot water priority function.
- 15> Domestic hot water overheating control
- 16> 20sec. exhaust waste gas before and after
combustion. (3 sec. For domestic hot water
tfuntion).



Model	Unit	JLG20-BV8	JLG28-BV6	JLG36-BV6	
Rated Heat Input	Kw	20	28	36	
Rated Output Power	Kw	18	25	32.04	
Heat Efficiency	%	>90	>90	>88	
Max. Power Input	w	125	125	180	
Power Supply		AC 220V 50HZ			
N.W.	Kg	37	39	48	
External Dimensions	mm	740X430X248	760X430X320	800X460X340	
Index Of Protection	IP	IPX4			
Gas Type Gas Pressure Gas Consumption	LPG	Rated Gas Pressure	Pa		
		Gas Consumption	Nm ³ /Kwh		
	NG	Rated Gas Pressure	Pa		
		Gas Consumption	Nm ³ /Kwh		
Central Heating	Output Power Range	Kw	5.4~18	7.5~25	9.57~32.04
	Water Temperature Range	°C	40~80		
	Reference Heating Square	m ²	90~130	140~220	180~280
	Water Working Pressure Range	Bar	0.8~2.7		
	Heating Return Safety Valve Opening Water Pressure	Bar	3		
	Pump Lift	M	6	6	7
	Expansion Vessle Capacity	L	6	6	10
DHW (Domestic Hot Water)	Output Power Range	Kw	5.4~18	7.5~25	9.57~32.04
	DHW Temperature Set Range	°C	<65		
	Max. DHW Output Δt=25K	Kg/min	10	14	18
	Operation Pressure DHW Range	Bar	0.3~7		
Fittings	Central Heating Fitting	Inch	G3/4		
	DHW Fitting	Inch	G1/2		
	Gas Fitting	Inch	G3/4		
Coaxial Flue Pipe	Straight	mm	Φ60/100		
	Elbow	mm	Φ60/100		
Max. Permissible Flue Lengths	Max. Horizontal Flue Length	cm	95 cm		
	Max. Vertical Flue Length	cm	14 cm		
Flue Pipe Length Reduction For Elbows	90° Elbow Φ 60/100mm	m	1.0 cm		
	45° Elbow Φ 60/100mm	m	0.5 cm		