

**LEISTER**

PROCESS HEAT

**ALLIED**  
POWER TOOLS

# IGNITER BM4/BR4

The hot-air blowers for  
installation in pellet and  
wood chip boilers



[www.leister.com](http://www.leister.com)

**We know how.**

## IGNITER BM4 / BR4 – Ignites just about anything

The new IGNITER ignition blower from Leister has been specially developed for installation into pellet and wood chip boilers. The design and perfectly coordinated functionality will not fail to impress. The IGNITER BM4 with 0.6 up to 1.6 kW and the new IGNITER BR4 with 3.4 kW have what it takes. The interfaces were selected so that the ignition blowers can be unproblematically installed into any heating boiler. The integrated assembly supports on the sides of

### Advantages

1		<b>Easy:</b> Connector plug located directly on the device means easy removal and installation and fewer device configurations.
2		<b>Clever:</b> New assembly support for positioning in the furnace.
3		<b>Linked:</b> Connection adapter for air hose located directly on the device with inner 1" thread (no extra accessories needed).
4		<b>Additional:</b> Pipe joint adapter with M14 thread for easy adaptation of the heat conduction lines and extensions (available only for IGNITER BM4).
5		<b>Protected:</b> Heating element protection with phototransistor and device protection via temperature protection circuit.



reddot design award  
winner 2013

**NEW!**



IGNITER BR4



IGNITER BM4

Swiss  
Made  
Quality

the housing, the freely configurable plug connector and the air hose connection adapter with one-inch inner thread are innovative measures ensuring optimum installation into heating boilers of all categories.



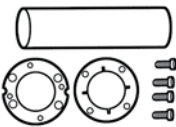

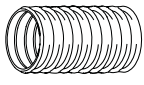


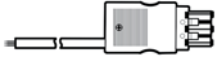

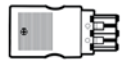
Clean ignition process due to optimum heat level.

## Technical Data

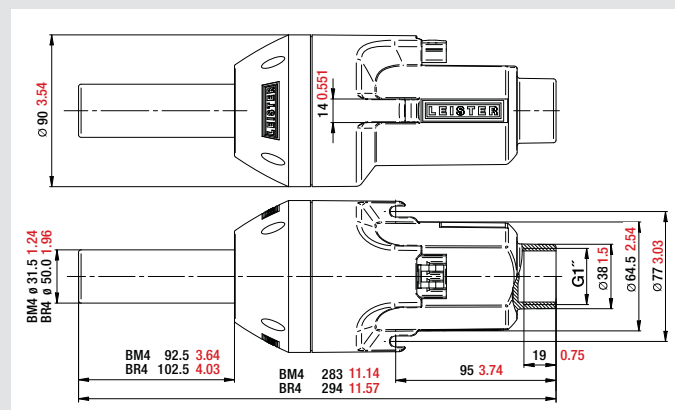
		IGNITER BM4				BM4 BR4 with M14 screw adapter		
Voltage	V	120	120	230	230	230	230	230
Frequency	Hz	60	60	50	50	50	50	50
Power rating	W	1100	1550	600	1100	1600	1100	3400
Min. air volume (20°C / 68°F)	l/min cfm	230 8.1	230 8.1	80 2.8	230 8.1	230 8.1	230 8.1	230 8.1
Air pressure	kPa psi	2.48 0.36	2.48 0.36	0.3 0.044	2.48 0.36	2.48 0.36	2.48 0.36	2.48 0.36
Max temperature	°C °F	600 1110	600 1110	500 930	600 1110	600 1110	600 1110	600 1110
Emission level	dB (A)	68	68	58	68	68	68	68
Aperture	mm ø inch ø	90 3.54						
Length	mm inch	283 11.14						294 11.57
Weight (without power supply cord)	kg lbs	1.0 2.2						1.2 2.64
Conformity		CE U						CE
Safety standard		S						
Certification		CCA						
Protection class II		□						
Article no.		141.882	141.881	139.232	140.711	139.231	144.012	146.296

We reserve the right to make technical changes.  
Plug for cable connection and cable are not included.

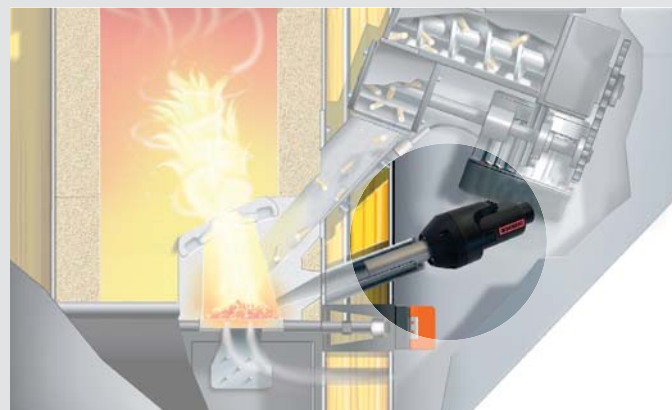
## Accessories

	<b>142.359</b>	Accessory adapter to TRIAC S Economy heating pipe
	<b>142.414</b>	Accessory screw adapter for M14 extensions
	<b>107.286</b>	Air hose ø 38 mm / ø 1.5 in
	<b>107.287</b>	Hose bracket
	<b>136.916</b>	Heating element 230V ~ 1550W
	<b>141.002</b>	Heating element 230V ~ 1050W
	<b>141.003</b>	Heating element 230V ~ 550W
	<b>136.918</b>	Heating element 120V ~ 1500W
	<b>141.005</b>	Heating element 120V ~ 1050W
	<b>141.006</b>	Heating element 120V ~ 550W
	<b>145.606</b>	Heating element (BR4) 230V ~ 3300W
	<b>142.967</b>	Power supply cord (Rubber) with WAGO Plug 3 x 1 mm² (Δ 3 x 16 AWG) x 9.8 ft
	<b>143.131</b>	Power supply cord (Silicone) with WAGO Plug 3 x 1 mm² (Δ 3 x 16 AWG) x 9.8 ft
	<b>142.976</b>	Plug with strain relief WAGO "Winsta 770"
	<b>148.429 (BR4)</b>	Plug with strain relief, kit (WAGO 770) cable ø 8-11.5

## Installation dimensions in mm/inches



## Installation arrangement





**We are local. Worldwide.**

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