



IGNITER BM4/BR4

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



reddot design award winner 2013

www.leister.com

We know how.

Ignition blower

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



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.



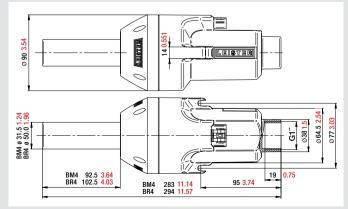
Clean ignition process due to optimum heat level.

Technical Data

		IGNITER BM4 with M14 screw adapter					BR4	
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 Ibs	1.0 2.2						1.2 2.64
Conformity		CE	(h					CE
Safety standard		(\$)						
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.

Installation dimensions in mm/inches



Accessories

142.359	Accessory adapter to TRIAC S Economy heating pipe
142.414	Accessory screw adapter for M14 extensions
107.286	Air hose ø 38 mm / ø 1.5 in
107.287	Hose bracket
136.916 141.002 141.003 136.918 141.005 141.006 145.606	$\begin{array}{llllllllllllllllllllllllllllllllllll$
142.967 143.131	Power supply cord (Rubber) with WAGO Plug $3 \times 1 \text{ mm}^2$ ($\triangleq 3 \times 16 \text{ AWG}$) $\times 9.8 \text{ ft}$ Power supply cord (Silicone) with WAGO Plug $3 \times 1 \text{ mm}^2$ ($\triangleq 3 \times 16 \text{ AWG}$) $\times 9.8 \text{ ft}$
142.976 148.429 (BR4)	Plug with strain relief WAGO "Winsta 770" Plug with strain relief, kit (WAGO 770) cable ø 8-11.5

Installation arrangement









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