INFLATABLE AIR BLOWER

For continuous inflation of bouncy castles, inflatable play equipment & similar structures
Safe Operation Instructions & UK Warranty • EN 14960 guidance

1. INTENDED USE

This Impact Air blower is designed solely for the continuous inflation of inflatable play equipment (bouncy castles, slides, obstacle courses and similar structures) in accordance with the principles of **EN 14960** (Inflatable play equipment – Safety requirements and test methods). It is not intended for general drying, air-moving or ventilation use.

2. IMPORTANT SAFETY INFORMATION

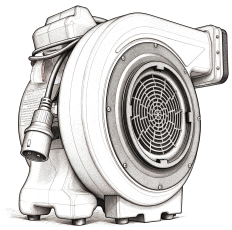
WARNING – RISK OF ELECTRIC SHOCK, FIRE & DEFLATION

- Connect only to a properly earthed 230 V AC supply using the supplied plug (UK 13 A on AF100; 16 A blue CEE on AF150/AF200).
- The blower may be used outdoors in rain. The electrical supply, plug, socket and any extension leads **must remain completely dry and protected from water** (use a weatherproof outdoor-rated socket or RCD-protected supply).
- Never operate with a damaged cable, plug, housing or grille. Inspect before every use.
- Keep the air intake clear of water, mud, leaves and debris. Raise the unit slightly if necessary.
- Keep intake and exhaust clear of clothing, fingers, toys and loose materials. Do not insert objects into the openings.
- The blower must run continuously while the inflatable is in use. Never switch it off or disconnect power while people are on or inside the structure (EN 14960 continuous inflation requirement).
- Ensure the inflation tube is securely attached and cannot become detached during use.
- Place the blower on stable ground outside the play area, protected from being knocked or pulled by users.
- Switch off and unplug only after all users have left the structure and it is safe to deflate.
- Not intended for use by children. Children must be supervised at all times when the inflatable is in use.
- If the supply cord is damaged it must be replaced by the manufacturer, service agent or similarly qualified person.

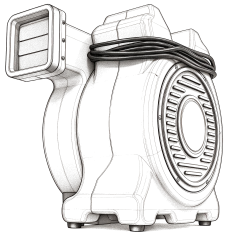
3. SAFE OPERATION (EN 14960 GUIDANCE)

1. Position the blower outside the structure on firm ground with the intake clear of standing water and debris.
2. Attach the inflation tube securely to the blower outlet and to the inflatable. Check the connection cannot pull free.
3. Uncoil the cable fully. Connect only to a dry, weather-protected, earthed socket (preferably RCD-protected).
4. Switch on and confirm the structure inflates fully and remains firm before allowing users onto it.
5. Keep the blower running continuously for the entire period the inflatable is in use.
6. Supervise at all times. If the blower stops or the structure softens, clear users immediately.
7. After use, clear all users, then switch off and unplug. Allow the motor to stop fully before disconnecting the tube or moving the unit.
8. **Multiple blowers (extension leads or generators):** Start each blower one at a time. Allow the structure (or section) supplied by that blower to reach full working pressure before starting the next blower. Starting several units simultaneously can overload the supply or generator and may prevent proper inflation.

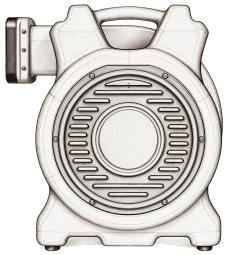
4. PRODUCT IDENTIFICATION



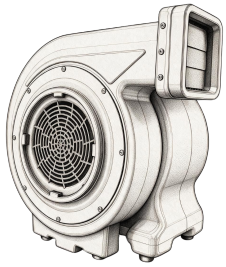
Rear view



Outlet view



Side / handle



Intake grille

5. CARE & MAINTENANCE

Keep the intake grille clean (soft brush or vacuum – unit unplugged). Wipe the exterior with a damp cloth; avoid solvents. Check cable, plug and outlet periodically. Do not open the motor housing – no user-serviceable parts inside. For repairs contact Impact Air or an authorised service agent.

6. UK WARRANTY

Impact Air warrants this product against defects in materials and workmanship for **12 months from the date of purchase** when used in accordance with these instructions for continuous inflation of inflatable play equipment. This warranty is in addition to your statutory rights under the Consumer Rights Act 2015; nothing in it affects those rights. **Covered:** manufacturing defects under normal use; repair or replacement at our option free of charge. **Not covered:** misuse, neglect, accident, unauthorised modification/repair, normal wear, cosmetic damage, use other than continuous inflation of inflatables, or commercial hire unless agreed in writing. **To claim:** contact your retailer or Impact Air with proof of purchase and a description of the fault.

7. TECHNICAL SPECIFICATIONS

Model	Size (cm)	Voltage	Power	Cord	RPM	Airflow m³/h	Airflow CFM	Pressure Pa	Noise dB	N.W. kg
AF100	45.5×29.5×35.5	220-240V 50Hz	1200 W	5 m UK Plug	2750±5%	1440	850	1270	85	11.9
AF150	48×34×48.5	220-240V 50Hz	1800 W	4 m 16A CEE	2750±5%	2040	1250	1580	85	15.5
AF200	48×34×48.5	220-240V 50Hz	2400 W	4 m 16A CEE	2750±5%	2400	1460	1780	85	16.7

Typical running power (once pressurised): Power draw and operating pressure vary with the size and design of the inflatable. Current and power are highest during initial inflation and reduce once the structure reaches working pressure. Approximate running figures under normal conditions: **AF100** 700–800 W / 3.5–4.5 A | **AF150** 950–1150 W / 4.7–5.7 A | **AF200** 1400–1700 W / 6.5–7.5 A. Results will vary depending on structure size, tube length, ambient conditions and load.