



Arctic Cat ZR 120 123cc Youth Snowmobile ZR-120

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Product Description

Arctic Cat ZR 120 2024 123cc Snowmobile

The ZR 120 has been the perfect first sled, numerous safety features, simple, and loaded with Arctic Cat DNA. Packed with power, excitement, and everything it takes to spark a lifelong love of snowmobiling. The ZR 120 offers competitive specification for its class and benefits from Arctic Cat's legacy of snowmobile innovation. Whether you are a seasoned enthusiast or a rider building hours in their home riding area, the ZR 120 brings a proven combination of chassis engineering, powertrain capability, and standard equipment to the trails.

Arctic Cat has been producing snowmobiles since 1962 and the ZR 120 series continues that tradition with a machine that reflects current engineering priorities while remaining true to the brand's commitment to rider-focused design. The 123cc engine at the core of the ZR 120 powers it through a wide range of conditions with consistency and character.

The ZR 120 is designed for young riders who are ready to begin their snowmobiling journey under proper supervision. Arctic Cat recommends that all youth riders complete a certified training course and review the owner's manual before riding. It is an excellent choice for introducing young riders to the sport in a safe and enjoyable way, with appropriate power output, a manageable chassis size, and safety-oriented design features. Parents and guardians can feel confident knowing that the ZR 120 has been built with young rider safety as a primary consideration. The ZR 120 is backed by a 12 Months warranty.

Engine and Powertrain

The ZR 120 is powered by a 120, 4-Stroke engine, air cooled, with b-18 carburetor fuel delivery. The bore and stroke dimensions of 56 x 50 mm give the engine its distinctive power character. Clutch duties are handled by an Arctic Centrifugal / N/A setup, calibrated to deliver smooth and efficient power transfer across the power range. The exhaust system, muffler, contributes to the engine's overall performance character. A minimum octane rating of 87 is recommended to maintain proper engine performance.

- Displacement: 123cc
- Engine type: 120, 4-Stroke
- Cooling: Air
- Cylinders: 1
- Bore x stroke: 56 x 50 mm
- Fuel delivery: B-18 Carburetor
- Drive clutch: Arctic Centrifugal
- Driven clutch: N/A
- Reverse: N/A
- Fuel capacity: 0.5 gal
- Minimum octane: 87
- Starter: Manual

Track and Suspension

The ZR 120 runs a 67 in x 10 in Cobra track with a 0.75 in lug height and 2.59 in pitch. The track configuration is optimized for the groomed and lightly off-trail conditions that define the youth snowmobile category. The front suspension features AWS with 4.5 in of travel, while the rear suspension uses Slide-Rail, Adjustable Torsion Spring with 4.5 in of travel for the intended riding style.

- Track length: 67 in
- Track width: 10 in
- Track type: Cobra
- Lug height: 0.75 in
- Pitch: 2.59 in
- Front suspension: AWS
- Front travel: 4.5 in
- Rear suspension: Slide-Rail, Adjustable Torsion Spring
- Rear travel: 4.5 in
- Ski type / width: Youth - 4 in
- Ski stance: 30.5 in
- Brakes: Adjustable Band

Chassis and Dimensions

The chassis of the Arctic Cat ZR 120 is designed to balance rigidity with weight management. With trail performance and rider ergonomics as key drivers. The heat exchanger configuration is n/a, designed for consistent cooling across typical operating temperatures.

- Overall chassis length: 73 in
- Overall chassis width: 35-37 in
- Overall chassis height: 34 in
- Heat exchanger: N/A

Features and Standard Equipment

The Arctic Cat ZR 120 comes equipped with a range of standard features selected to enhance the riding experience from the moment you take delivery. Lighting is provided by halogen 1-bulb for strong visibility on early morning or evening rides. The 4 in low height windshield offers appropriate wind and weather protection for the intended riding category. The straight handlebar design positions the rider comfortably for the intended riding posture. Available in Black, the ZR 120 presents a distinctive and purposeful appearance.

Standard accessories include: Hand Warmers, Brake Disc, Standard Steering, Safety Flag, Tether Switch, Youth Front Bumper, In-Seat Storage.

- Lighting: Halogen 1-Bulb
 - Windshield: 4 in Low Height
 - Handlebars: Straight
 - Seating style: Youth 120
 - Available colors: Black
 - Starter: Manual
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