Nessxa Ultra Quiet Air Compressor

Nessxa 10 Gallon Ultra Quiet Air Compressor Instruction Manual

Model: Ultra Quiet Air Compressor

Brand: Nessxa

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Nessxa 10 Gallon Ultra Quiet Air Compressor. Please read this manual thoroughly before operating the compressor and retain it for future reference.

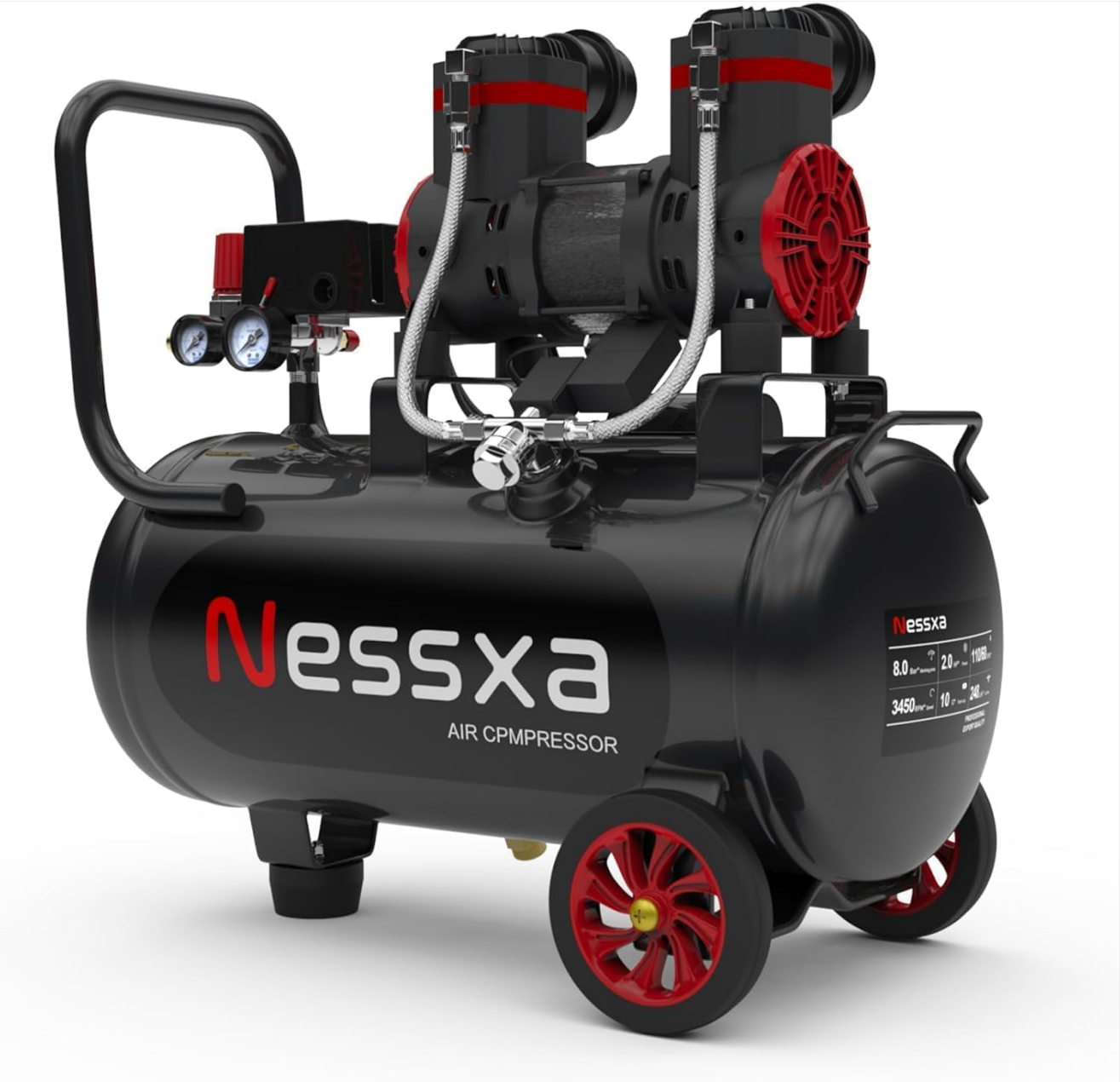

Figure 1: Nessxa 10 Gallon Ultra Quiet Air Compressor

The Nessxa 10 Gallon Ultra Quiet Air Compressor is designed for various pneumatic applications, offering a 2HP oil-free motor, 8.76 CFM at 115 PSI, and a low noise level of 70dB. Its portable design includes a handle and wheels for ease of movement.

2. Important Safety Instructions

Failure to follow these safety instructions may result in serious injury or property damage. Always exercise caution when operating power tools.

- **Electrical Safety:** Ensure the compressor is connected to a properly grounded 110V/60Hz power outlet. Do not operate in wet conditions or with damaged cords.
- **Pressure Safety:** Never exceed the maximum operating pressure of 115 PSI. Do not tamper with the pressure relief valve. Always wear appropriate eye protection.
- **Ventilation:** Operate the compressor in a well-ventilated area to prevent overheating and ensure proper air intake.
- **Maintenance:** Disconnect power before performing any maintenance or repairs. Regularly inspect the compressor for damage or wear.

- **Children and Bystanders:** Keep children and unauthorized persons away from the operating area.
- **Personal Protective Equipment (PPE):** Always wear safety glasses or goggles. Hearing protection is recommended during extended operation.

3. Product Components and Features

Familiarize yourself with the main components of your air compressor:

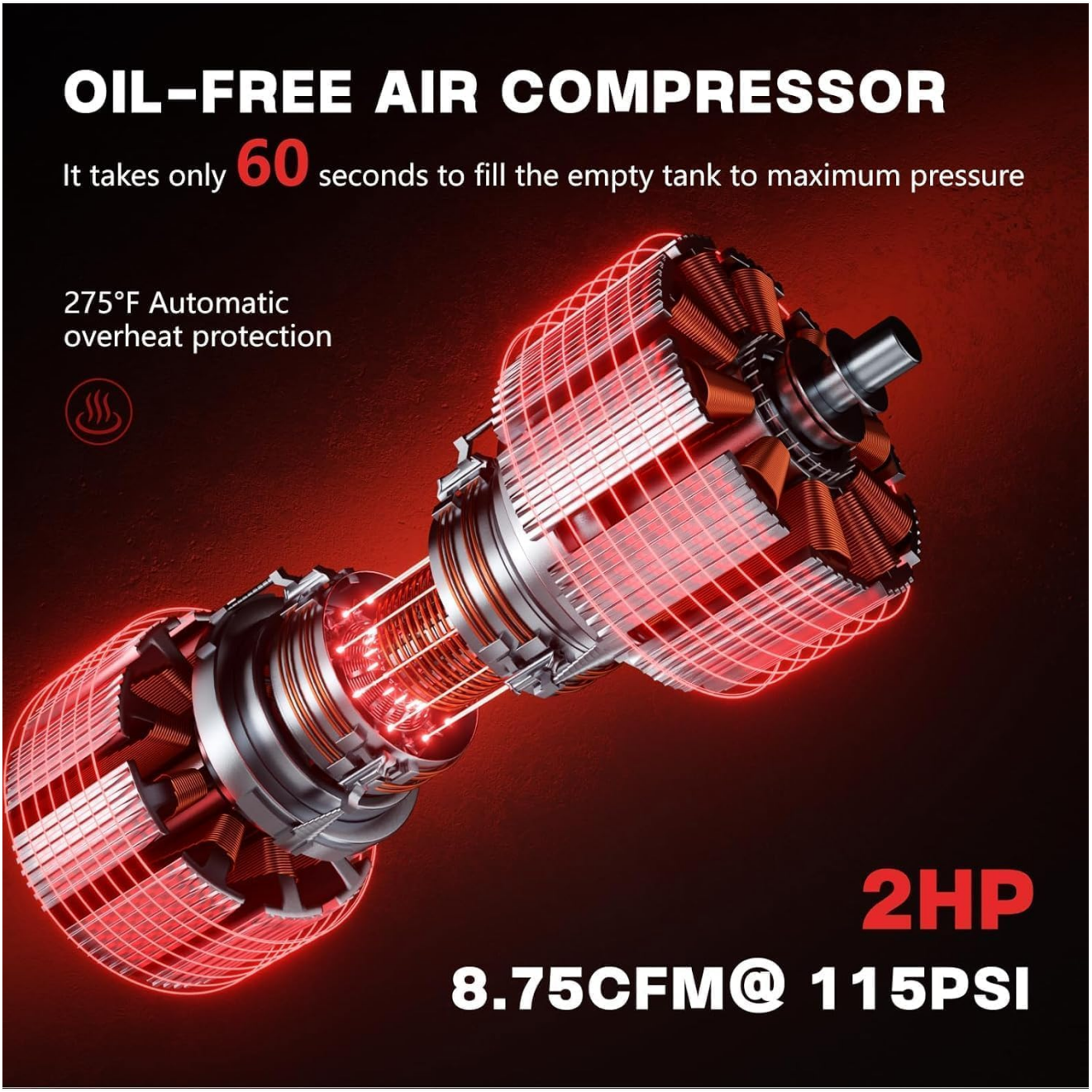

Figure 2: Key Components of the Air Compressor

- **10 Gallon Tank:** Stores compressed air. Constructed with Q235B structural steel, a plastic powder attachment layer, and a rust & wear resistant layer for durability.
- **2HP Oil-Free Motor:** Provides efficient air compression without the need for oil maintenance. Features automatic overheat protection at 275°F (135°C).
- **Dual Quick Couplers:** Two female industrial 'push to connect' quick connectors for attaching air tools. One provides full tank pressure, the other adjustable pressure.
- **Pressure Control Gauges:** Two gauges to monitor tank pressure and regulated output pressure.

- **Dual Tubes:** Air intake system utilizes dual tubes made of 392°F high temperature resistant silicone and stainless steel braided mesh for simultaneous air intake.
- **Low Noise Operation:** Equipped with two high-quality silencers (thickened muffler, filter cotton) to reduce operating sound to approximately 70dB.
- **Portability:** Features a sturdy handle and wheels for easy transport.
- **Drain Valve:** Located at the bottom of the tank for moisture removal.

4. Setup and Assembly

4.1 Unpacking

Carefully remove the compressor from its packaging. Inspect for any shipping damage. Report any damage to the retailer immediately.

4.2 Wheel and Handle Installation

Attach the wheels and handle to the compressor frame using the provided hardware. Ensure all bolts are securely tightened.

4.3 Initial Inspection

Before first use, check all connections for tightness. Ensure the drain valve is closed. Verify that the air filter is properly installed.

5. Operating Instructions

5.1 Power Connection

Plug the compressor into a grounded 110V/60Hz electrical outlet. Ensure the power switch is in the 'OFF' position before plugging in.

5.2 Starting the Compressor

Flip the power switch to the 'ON' position. The compressor will begin to fill the tank. It takes approximately 70 seconds to fill an empty tank to maximum pressure (115 PSI). The motor will automatically shut off once the maximum pressure is reached.

5.3 Adjusting Pressure

Use the pressure regulator knob to set the desired output pressure for your air tools. Monitor the regulated pressure gauge to ensure the correct setting.

5.4 Connecting Air Tools

Attach your pneumatic tool to one of the quick couplers. Ensure the connection is secure before operating the tool.

5.5 Shutting Down

When finished, turn the power switch to the 'OFF' position. Disconnect air tools and release any remaining pressure in the hose. It is recommended to drain the tank after each use (see Maintenance section).

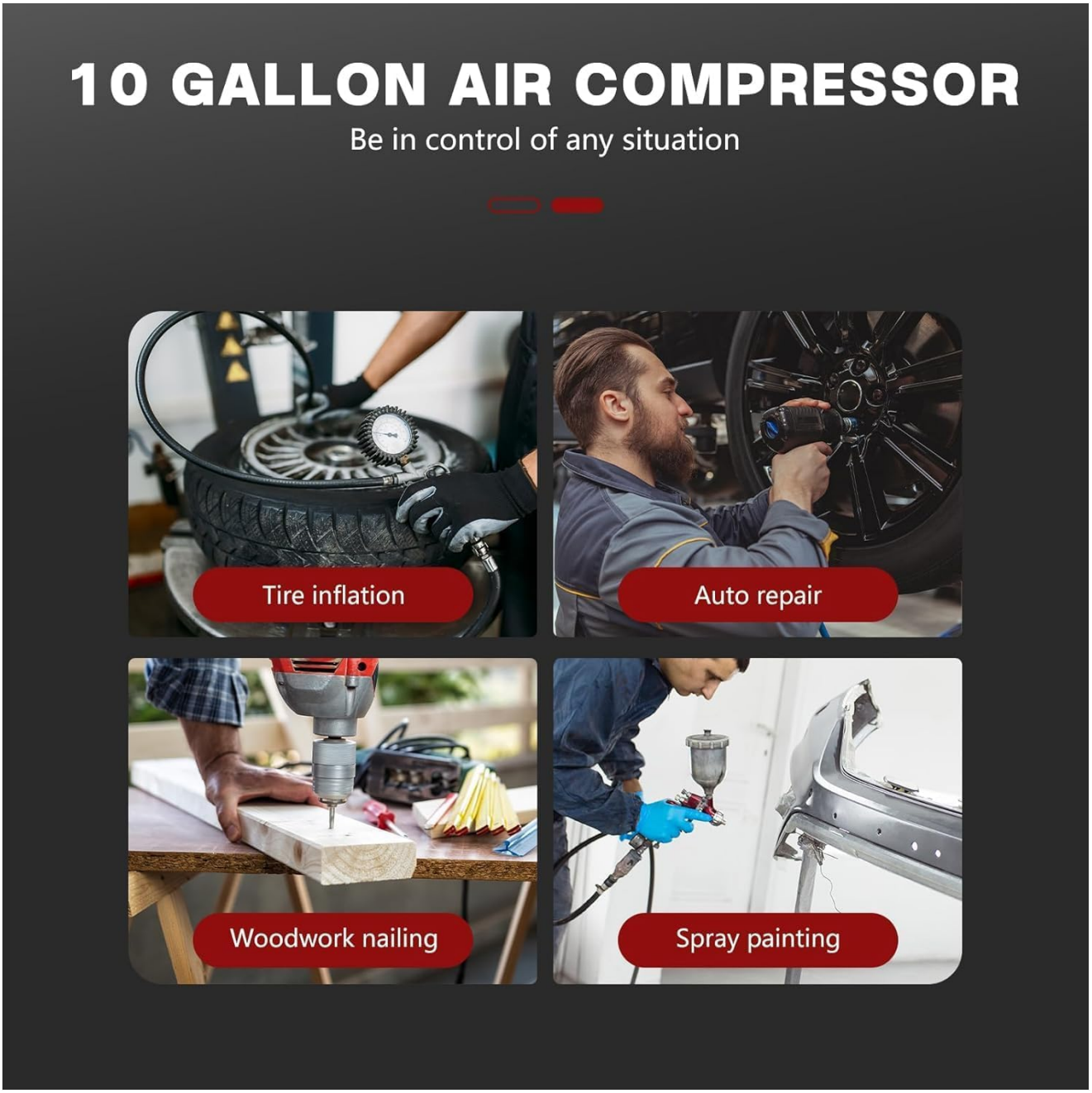

Figure 3: Common Applications

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your air compressor. Always disconnect power before performing maintenance.

6.1 Draining the Tank

Moisture accumulates in the air tank. To prevent rust and maintain tank integrity, drain the tank after each use or daily. Open the drain valve located at the bottom of the tank until all moisture and air are expelled. Close the valve securely afterward.

6.2 Air Filter Maintenance

Inspect the air filter regularly. Clean or replace the filter element if it appears dirty or clogged to ensure proper air intake and prevent motor strain. Refer to the product diagram for filter location.

6.3 General Cleaning

Keep the compressor clean and free of dust and debris. Wipe down exterior surfaces with a damp cloth. Do not use harsh chemicals or solvents.

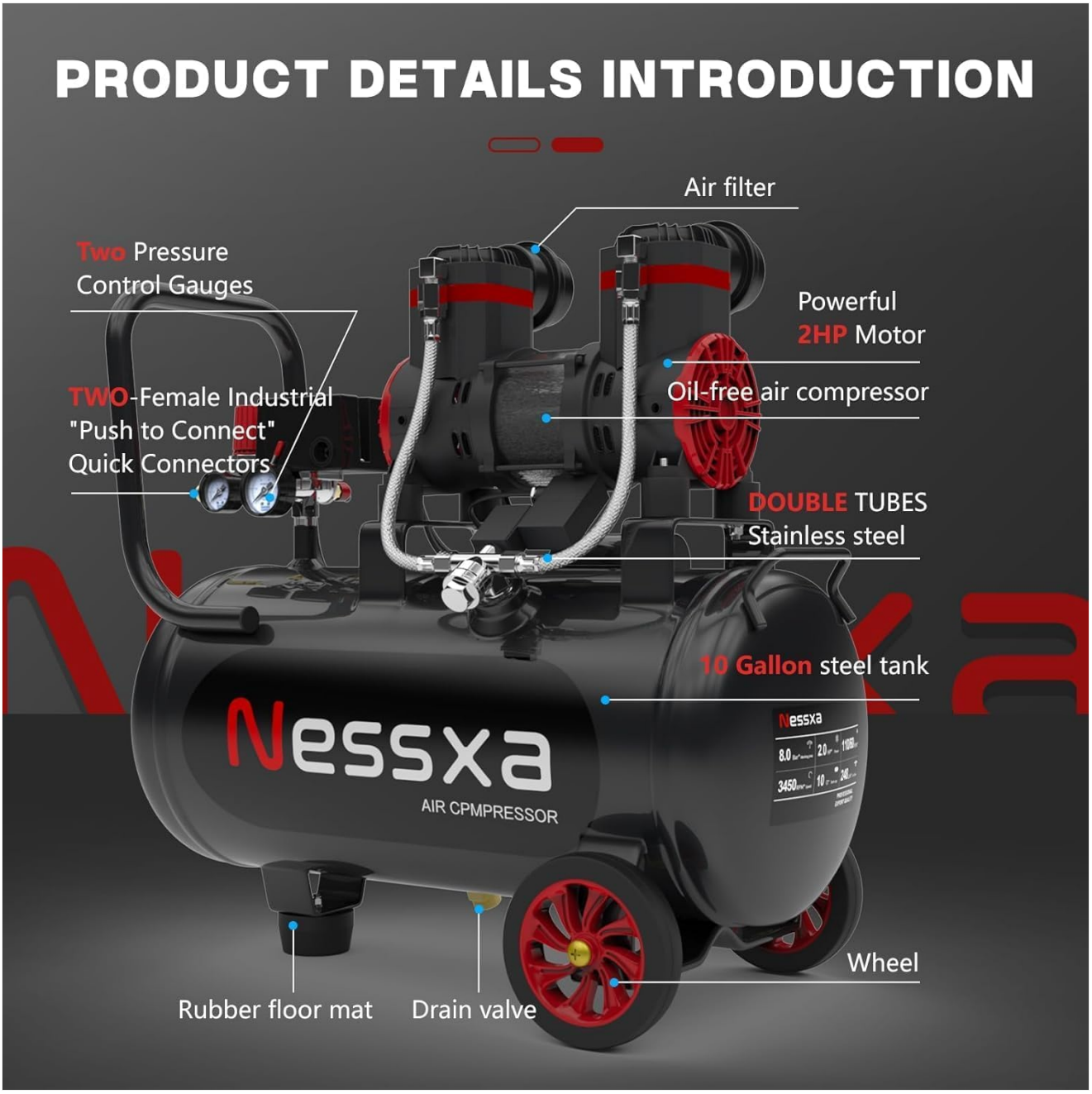

Figure 4: Oil-Free Motor with Overheat Protection

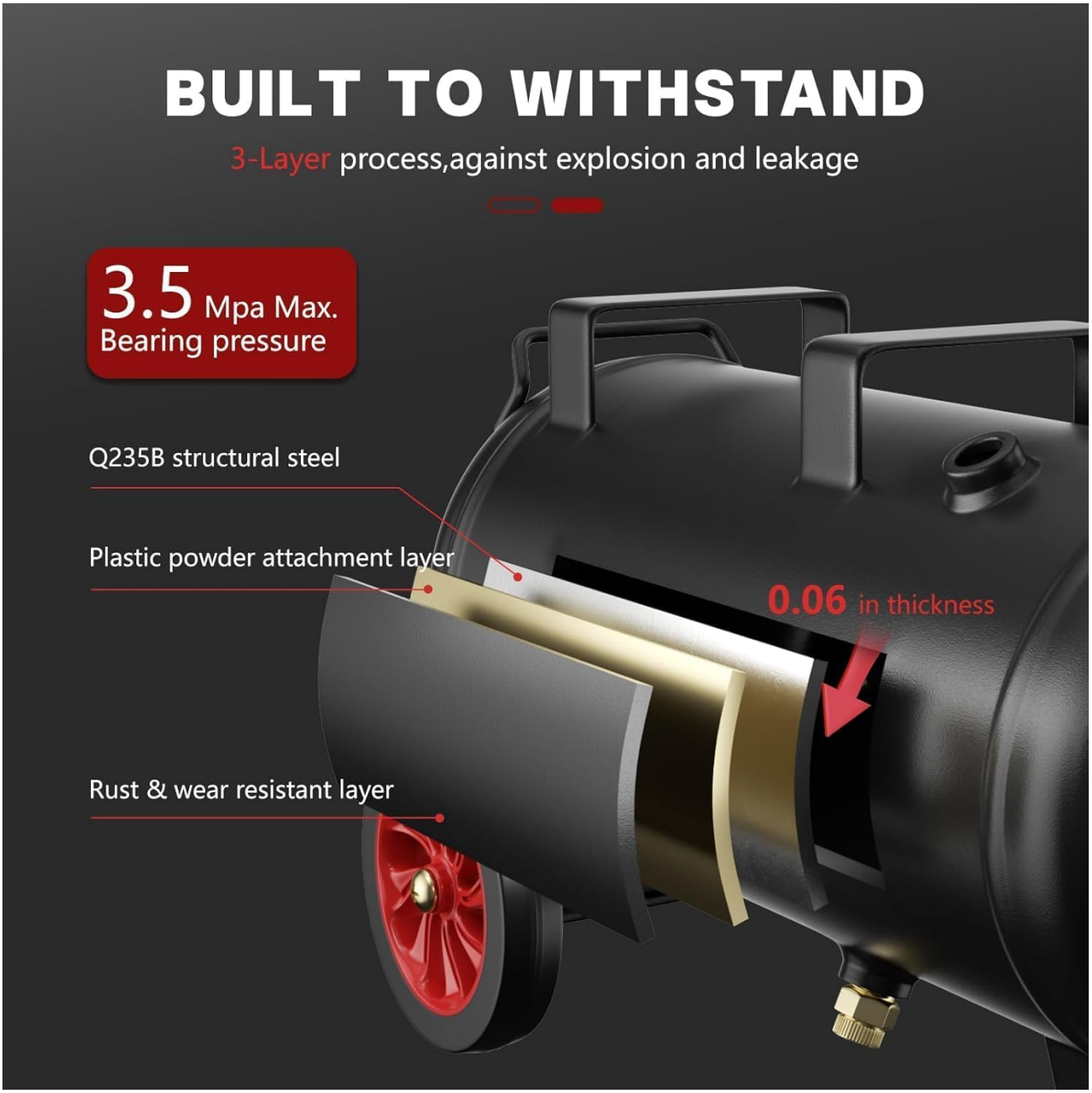

Figure 5: Tank Construction Details

7. Troubleshooting

Refer to the table below for common issues and their potential solutions.

Problem	Possible Cause	Solution
Compressor does not start	No power; Overheat protection activated; Faulty switch	Check power connection; Allow compressor to cool down; Contact customer support
Compressor runs continuously or frequently	Air leak in tank or connections; Drain valve open	Check for leaks and tighten connections; Close drain valve
Low air pressure output	Regulator set too low; Air leak; Clogged air filter	Adjust regulator; Check for leaks; Clean/replace air filter

Problem	Possible Cause	Solution
Excessive noise or vibration	Loose components; Compressor on uneven surface	Check and tighten all fasteners; Place on a stable, level surface

8. Specifications

Detailed technical specifications for the Nessxa 10 Gallon Ultra Quiet Air Compressor:

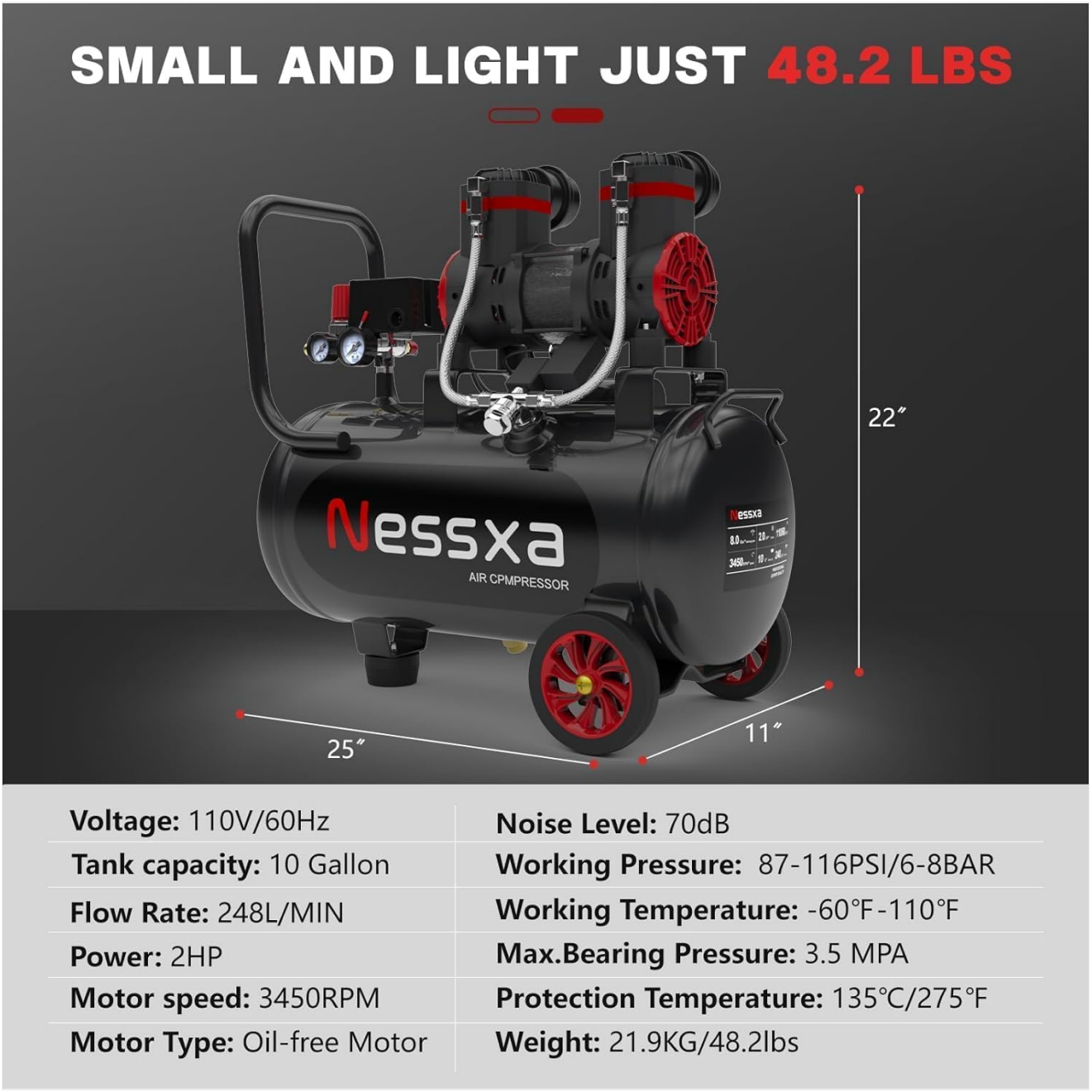

Figure 6: Product Specifications

Feature	Specification
Brand	Nessxa
Model Name	Ultra Quiet Air Compressor

Feature	Specification
Tank Volume	10 Gallons
Maximum Power	2 Horsepower
Motor Horsepower	2 horsepower
Air Flow Capacity	8.76 Cubic Feet Per Minute (CFM)
Maximum Operating Pressure	115 PSI (8 Bars)
Voltage	110 Volts
Noise Level	70 dB
Power Source	Corded Electric
Item Weight	47.4 pounds (21.9 kg)
Package Dimensions	23 x 22.6 x 11.5 inches
Special Features	Oil Free, Portable, Pressure Detection
Recommended Uses	Air Brushing, Tire Inflation, Auto Repair, Woodworking Nailing, Spray Painting

9. Warranty and Support

For specific warranty information, please refer to the documentation included with your purchase or contact Nessxa customer support directly. Protection plans may be available for extended coverage.

For technical assistance, parts, or service inquiries, please contact the manufacturer or your authorized dealer. Keep your purchase receipt and product model information readily available.