## Application:

The impact wrench is designed to deliver high torque output with minimal exertion by the user, for the purpose of tightening or loosening nuts and bolts.

## Operation Method:

1. Press the trigger for running and release to stop. Please be aware that the tool will stop rotation within few seconds. For safety reason, place the tool on the level plate or on hanger after use.
2. You can adjust air flow by switch which indicated by several scales. The more air flow, the bigger torque output will be.
3. Before use the tool, please check rotation direction; “F” indicates forward and “R” is reverse. Forward is defined as clockwise direction seen from the operator’s position.
4. Only use sockets designed “for use with impact wrenches”. Hand tool sockets can break, creating a hazard from flying pieces. Always check sockets, retainers and drives regularly from wear or damage and replace when necessary.


**Common Troubleshooting:**

| Event | Appearance | Possible Cause | Solution |
|---|---|---|---|
| Not operating | Air is coming from the exhaust valve | Blades broken or worn out | Replace blades |
| | | Ball bearing damaged | Replace ball bearing |
| | | Rusty motor or clogged with objects | Disassemble and repair |
| | | Hammer set broken | Disassemble and repair |
| | No air coming from the exhaust valve | Regulator is set at OFF | Adjust regulator |
| | | No air flow | Check air system and connections |
| | | Valve set damaged or broken | Disassemble and repair |
| Low efficiency | Low revolution rate | Not enough air pressure | Check air pressure |
| | | Regulator/Reverse valve knob is not set properly | Adjust regulator/Reverse valve knob |
| | Motor running abnormal or unusual noises occur | Not enough lubrication, ball bearing, upper/lower end plate, cylinder, rotor, blade damaged | Lubricate or replace parts |
| | Impact rate increases，torque rate decreases | Hammer set broken or worn out | Replace hammer set |
| Motor keeps running | Trigger does not bounce back or does not bounce back correctly | Trigger set has other objects stuck on it or the spring is broken, deformed or rusty | Disassemble and repair |
| | Trigger function normally | Trigger O-ring worn out or valve set damaged or broken | Disassemble, repair and replace parts |