



EXTREMEAIR® Hand Dryer Sound Levels

- **EXTREMEAIR** Hand Dryers feature adjustable sound and speed. The sound can be adjusted from 83 dB down to 69 dB at its slowest speed. This is the sound level of quiet conversation.
- **Adjustable Sound & Speed** - The dryer is shipped set at maximum speed. **AFTER DISCONNECTING POWER**, use a small flat-blade screwdriver to carefully turn the SPEED pot counterclockwise 3/4 turn max. to reduce sound and speed. Carefully turn clockwise up to 3/4 turn to increase sound and speed. See figure 1.
- **Reducing Air Deflection Sound** - The high velocity air stream that dries hands in 10-15 seconds can increase sound levels when deflecting off the hands. Sound levels can increase to over 90dB if hands are too close to the air outlet and perpendicular to the air stream. *The automatic sensor range can be increased to operate with hands further from the dryer to lower air deflection noise. See figure 1.*

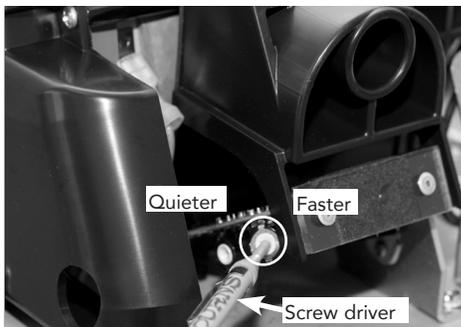


FIGURE 1 - ADJUSTING SOUND & SPEED
 The dryer is shipped set at maximum speed. Turn counterclockwise to reduce sound and speed 3/4 of a turn max.

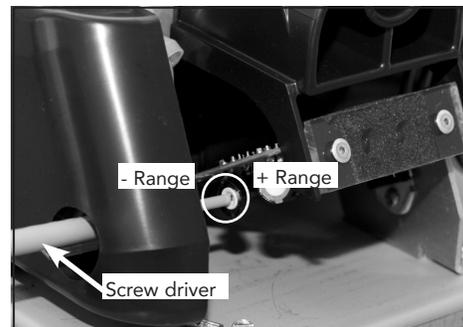


FIGURE 2 - ADJUSTING SENSOR RANGE
 Place the screwdriver through the access hole as shown to adjust sensor range. Range is set at the factory for 4 - 6 inches. Increase range to reduce air deflection noise.

WARNING: DISCONNECT POWER BEFORE SERVICING
 DESUNA LA ELECTRICIDAD ANTES DE HACER REPARACIONES

Applicable Models

The GXT9 and EXT7 series come standard with adjustable sound and speed control. The GXT6 and EXT2 series can be upgraded (at additional cost) by ordering the SM239 smart sensor to replace the GX239 sensor. EXT4 and GXT8 series are not upgradable.

Measuring Method

Sound is measured with a dryer mounted on a wall at the standard mounting height for adults using the A scale with slow response. The sound meter is placed in front of the dryer at a height of 5 feet (152 cm) from the floor and at 18 inches (46 cm) from the wall. The sound level is measured with no hands under the dryer and then measured with hands in the process of hand drying.

OSHA Regulations

OSHA regulations concerning sound levels state that persons exposed to a sound level of 90 dB for a **continuous 8-hour period**, or 95 dB for a **continuous 4-hour period**, might require ear protection.