

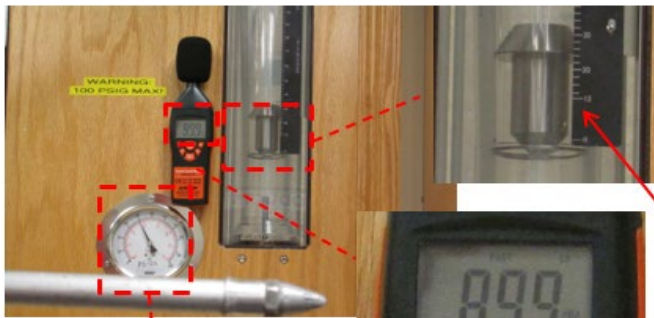


APPLICATION GOAL: To find a more durable, more efficient Air Gun for general clean-up use in a bakery.

BEFORE EXAIR: Existing air guns were failing frequently. Specifically, the trigger handle pins and nozzle extension pipes would break easily.

EVALUATION: Although the primary concern was to get durable equipment that would hold up under their use, they were also curious as to the efficiency and performance differences between their existing air guns and EXAIR Safety Air Guns. To this end, they sent in a unit for Efficiency Lab testing. Results were as follows:

Efficiency Lab testing performed at 80 PSIG supply pressure	Compressed Air Consumption (SCFM)	Sound Level (dBA)
Customer's Air Gun	63.5	89.9
EXAIR Model 1310	14	74.0



MODEL 9104 DIGITAL SOUND LEVEL METER

ROTAMETER CALIBRATED FOR ATMOSPHERIC PRESSURE; 25 SCFM READING X 2.538 (CORRECTION FACTOR)=63.5 SCFM @80 PSIG



SUMMARY: Customer purchased several [Heavy Duty Safety Air Guns](#) with 6" (152mm), 18" (457mm), and 72" (1829mm) extensions (Model 1310-6, -18, and -72, respectively.) In another case where a significantly lower flow was enough to produce the desired result, this customer is saving 49.5 SCFM per air gun. The trigger handle pins and extension pipes are much stronger and far less prone to breakage. They were also pleased that the extension pipe has standard NPT threads (their existing guns had special/proprietary threads) that will facilitate easy replacement if necessary. Despite the higher quality/strength in design, and the improvements in noise levels and air consumption, the EXAIR units were still 35% less expensive to purchase and 78% less costly to operate.