



LAVALOCK® 30 GAL DRUM SMOKER

P/N LL_DIY30G

Tools Needed: Electric Drill, **15/64, 23/64" & 1/4"** Drill Bits, Tape Measure, 5mm Allen Wrench, Adjustable Wrench, Socket Wrench with 7/16 Socket, Pencil, Tape, Suitable Metal Cutting Tool (i.e. Angle Grinder with Cut-Off Blade, Reciprocating Saw, Multi-Tool with Metal Cutting Blade, Drill with 1.5" Hole Saw Bit etc.)

UTILIZE PROPER PROTECTIVE EQUIPMENT: SAFETY GLASSES, HEAVY GLOVES, MASK, ETC.

1. Place drum on blanket or box so as not to scratch when assembling.
2. Starting at the seam at the rear of the drum 8" below the top rim, extend the tape measure around the circumference of the drum making marks at 7 1/4", 21 3/4", 36 1/4", & 50 3/4". Using a 1/4" drill bit, drill holes at each of the 4 marks.
3. After holes are drilled insert 1/4 x 1.5" hex bolts from the outside and tighten corresponding nut on the inside using 7/16 socket and adjustable wrench.
4. Starting at the seam at the rear of the drum 10 1/2" below the top rim, extend tape measure around the circumference of the drum making a mark at 29". Using a 23/64" drill bit, drill a hole at the mark.
5. Insert thermometer in this hole and tighten snug with corresponding wingnut from the inside.
(DO NOT OVERTIGHTEN & DO NOT SCREW THERMOMETER FACE INTO WINGNUT)
6. Starting at the seam at the rear of the drum 2" above the bottom rim, extend the tape measure around the circumference of the drum making a mark at 29". Center bottom of intake vent at this mark and use tape to secure in place.
7. Use a 15/64" drill bit, drill a hole into drum through each of the intake vents corner screw holes.
8. Using a pencil, trace the inside portion of the port on the intake vent.
9. Remove tape and intake vent from drum.
10. Using metal cutting tool of your choice, cut drum at pencil marks and remove cut metal rectangle.
11. Install intake vent by placing an Allen bolt through each of the 4 corners from the outside and tighten with 5mm Allen wrench while holding nut in place on inside of drum with an adjustable wrench.
12. Place lid handle in center of drum lid and center 2" from each of the two lid vent octagons. Using a pencil trace each of the four handle screw holes. Remove handle and using a 1/4" drill bit drill, drill a hole at each mark.
13. Install lid handle with provided 1/4 x .5" hex bolts and tighten with 7/16 Socket holding corresponding nuts in place with an adjustable wrench.
14. Screw exhaust vent into 2 1/2" threaded vent on lid.