



### LAVALOCK® 16 GAL DRUM SMOKER

P/N LL\_DIY16G

**Tools Needed:** Electric Drill, **7/32, 15/64, 23/64"** & **1/4"** Drill Bits, **1 1/4"** Hole Bit, Tape Measure, Socket Wrench with 7/16 Socket, 5mm Allen Wrench, Phillips Head Screwdriver, Adjustable Wrench, Pencil, Tape

**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 7" below the top rim, extend the tape measure around the circumference of the drum making marks at 5 1/2", 16 1/2", 27 1/2", & 38 1/2". 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 6" below the top rim, extend tape measure around the circumference of the drum making a mark at 22". 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 1/2" above the bottom rim, extend the tape measure around the circumference of the drum making a mark at 22". 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 side screw holes.
8. Install intake vent by placing an Allen bolt through the side screw holes from the outside and tighten with 5mm Allen wrench while holding nut in place on inside of drum with an adjustable wrench.
9. Open intake vent and using 1 1/4" Hole Bit, drill 2 holes overlapping one another in center of intake port.
10. Place lid handle in center of drum lid. Using a pencil trace each of the four handle screw holes. Remove handle and using a 7/32" drill bit drill, drill a hole at each mark.
11. Install lid handle with provided 10-32 Phillips head screws and tighten corresponding nuts in place with an adjustable wrench.
12. Center exhaust pinwheel damper between handle and lid outer rim. Mark center screw hole and using a 1/4" drill bit drill a hole and secure pinwheel damper with provided 1/4" screw. Using a 1 1/4" Hole Bit drill a hole through lid centered in each of the exhaust pinwheel damper openings.