


RODZINA INDUSTRIES, INC.
3518 FENTON RD
FLINT, MI 48507
PH: 810-235-2341

REGARDING THE VIOLATIONS NOTICE LETTER,
ID: U252202640, EMAILED TO US ON 1-26-24,
FOR INCIDENT DATES 8-23-23 AND 9-26-23.
WE HEREBY RESPOND WITH THE FOLLOWING STATEMENTS:

- 1) WE ARE A SMALL BUSINESS THAT MANUFACTURES RUBBER STAMPS. SEVERAL YEARS AGO, WE UPGRADED OUR MANUFACTURING PROCESS TO A LASER CUTTING PROCESS WHICH ENGRAVES THE RUBBER FOR OUR STAMPS. OUR EQUIPMENT EMITS AN EXHAUST FROM THE LASER CUTTING PROCESS. THIS EXHAUST IS VENTED FROM THE LASER THROUGH A COLLECTION FILTER THAT TRAPS THE DEBRIS. ANY ESCAPING ODOR AND/OR DEBRIS IS VENTED THROUGH THE ROOF INTO A PIPE MOUNTED ON THE ROOF. UNTIL RECENTLY, WE HAVE NOT HAD ANY COMPLAINTS FROM OUR NEIGHBORS OUTSIDE OUR BUSINESS. TO MY KNOWLEDGE, WE HAVE HAD ONLY ONE COMPLAINANT.
- 2) IN RESPONSE TO THIS COMPLAINT, WE INSPECTED OUR ROOF AND COULD NOT FIND ANY BUILDUP OF DEBRIS NEAR THE VENT PIPE OR ANYWHERE ELSE ON THE ROOF. HOWEVER, WE DID TAKE ACTION TO TRY AND ALLEVIATE THE ALLEDGED PROBLEM. FIRST, WE INSTALLED A VENT CAP ON THE PIPE TO DIRECT THE EXHAUST DOWN TO THE ROOF SURFACE. ACCORDING TO MR. MCGEEN, THIS WAS NOT ENTIRELY SUCCESSFUL. NEXT, WE AGREED TO EXTEND THE LENGTH OF THE VENT PIPE TO DISBURSE THE EXHAUST AT A HIGHER ALTITUDE. APPARENTLY, YOU HAVE DETERMINED THAT THIS HAS FAILED AS WELL, POSSIBLY DUE TO THE WIND AND ATMOSPHERIC CONDITIONS CARRYING EXHAUST AWAY FROM OUR BUILDING AND TO THE AREA OF THE COMPLAINANT.
- 3) WE NOW WILL PROPOSE THE FOLLOWING ACTION TO BE TAKEN THAT WILL SOLVE THE PROBLEM FOR GOOD. WE WILL BE DISCONNECTING OUR EXHAUST TO THE VENT PIPE. INSTEAD OF VENTING TO THE OUTSIDE AIR, WE WILL PURCHASE AND INSTALL A 350W LASER FUME EXTRACTOR WITH A 5 LAYER FILTER FOR LASER ENGRAVER CUTTING MACHINES. THE 5 LAYER FILTER PROVIDES A PURIFICATION RATE OF UP TO 99.97% TO LEAVE THE AIR IN THE BEST CONDITION, EFFECTIVELY FILTERING DUST PARTICLES BELOW 0.3 MICRONS AND ABSORBING GASES, SMOKE, AND ODOR. THE LASER ENGRAVER WILL BE CONNECTED DIRECTLY TO THE LASER FUME EXTRACTOR WITH NO OUTSIDE VENTILATION. PLEASE SEE ATTACHED INFO AND SPECS ON THE 350W LASER FUME EXTRACTOR.
- 4) IF THE PROPOSED ACTION IS APPROVED, WE CAN INSTALL THIS UNIT WITHIN APPROX. 90 DAYS AND DISCONNECT THE LASER FROM THE PIPING TO THE ROOF.

 2-14-24

ROBERT CROSS, PRESIDENT



Dimension & Specifications

Power: 350w

Max. Airflow Speed: 430m³/h

Filter Layers: 5

Air Inlet Diameter: 100mm inside/150mm outside

Extraction Tube: no

Filter Effect: 0.3μm , 99.97%

Max. Noise Level: < 55db

Highest Negative Pressure: 2600pa

Universal Wheels: yes

Control Method: remote with display

350W Laser Fume Extractor Features

Strong Suction Power

With 350W strong power, the JK350 fume extractor generates 430 cubic meters/hour of airflow. It can better absorb visible particles and fine dust around the hood head to achieve ideal ventilation effects.

Multi-Layer Filter

The fume extractor is designed with a fireproof net to prevent sparks from burning and ensure work safety; under the fireproof net are primary filtration cotton, an H13 filter element, and two layers of activated carbon filter. The 5-layer filter provides a purification rate of up to 99.97% to keep the air in the best condition, effectively filtering dust particles above 0.3 microns and absorbing toxic gases, smoke, and odour. (Note: Comes with 4 sheets of primary filtration cotton)

High-Iodine Columnar Carbon

This laser fume extractor uses columnar carbon with 1000-1100 high iodine to provide you with a fresh working environment to ensure respiratory health. (Note: Pillar carbon is affected by the iodine value. The higher the iodine value, the greater the porosity; the larger the surface area, the stronger the adsorption capacity. Its service life is 1.4 times that of ordinary coal-based carbon, and it has higher purification and deodorization capabilities than ordinary activated carbon.)

Foam Cotton Sealing

There is foam cotton on the inside of the cover, which not only prevents smoke leakage, but also enhances the air purification effect, and helps reduce noise to ensure a quiet working environment.

Humanized Design

The body is made of durable metal frame. The vents on both sides of the fuselage assist air diffusion. The high-definition screen and operating console make it easy to adjust the parameters as needed. The PU wheel and handle design provide simple and convenient operation.

Compatible Models

This fume extractor comes with air inlets with two diameters of 100mm/150mm, which is suitable for 100mm/150mm smoke pipes. (No adapters required.) It is recommended to use our CO2 engraving machines above 50W. It is also compatible with most fiber optic marking machines and CO2 engraving machines on the market.

