7. FIRE SUPPRESSION REQUIREMENTS

The Eco Zephyr SS
WITH 99270E MECHANICAL

MODEL NO. 99830 / 99830X

Note: The information provided in this documentation is for PRELIMINARY BIDDING AND PLANNING PURPOSES ONLY.

CONSULT YOUR LOCAL FIRE MARSHALL FOR CURRENT CODE REQUIREMENTS.

I. Sprinkler heads – Minimum 286° Fahrenheit or higher for actuation temperatures (booth is capable of constant 190° Fahrenheit temperature in bake cycle). "Dry" heads are recommended to prevent freezing. Note, cold air will infiltrate through stacking and cabin. All heads in spray booth cabin must be caulked. Amount of heads and locations must conform to national and local codes.

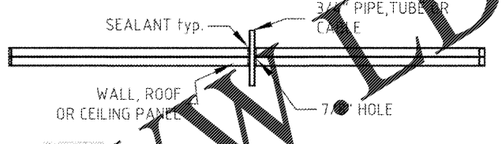
II. Installation – Cabin penetrations to be along centerlines of filter rack supports (see page 7a–2). Note: Under no circumstance shall more than 4 roof panels be used to support or penetrate piping (roof panels are designed as explosion relief). No pipe installation along floor inside booth cabin.

III. Lines run to pit must be through exhaust box. All penetrations must be sealed. DO NOT block vertical damper located between exhaust box and intake.

IV. DO NOT obstruct any access doors, access panels, walkways, or vent stacking.

V. All equipment considered extra hazard for classification.

When making penetrations in the Garmat USA, Inc., ceiling, roof, or wall panel assemblies, the hole should only be large enough to accommodate the pipe, cable or tubing that needs to be routed through the panel. i.E. 3/4" pipe needs a 7/8" hole. After installing the pipe, cable or tube the opening must be sealed on both the interior and exterior of the ceiling roof or wall panel. Garmat USA, Inc., recommends the us of Dow Corning 99 silicon building and glazing sealant or equivalent product that meets Federal Specification TT–S–001543A Class A (COM–NBS) for silicone building sealant and/or TT–S–00230C Class A (COM–NBS) for one component building sealant. The sealant needs to be applied in a workman like fashion sure to provide a vapor and liquid tight seal all the way around the pipe, cable or tube that is routed through the ceiling, roof, or wall panel.



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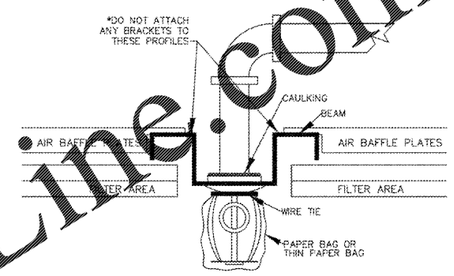

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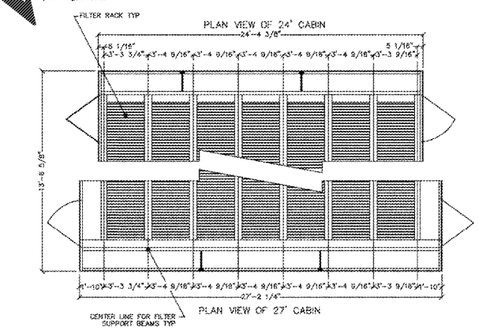

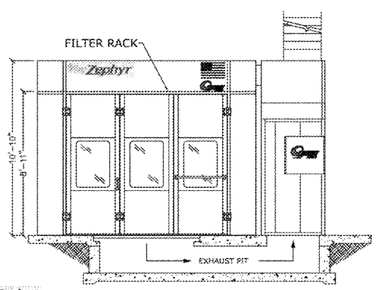

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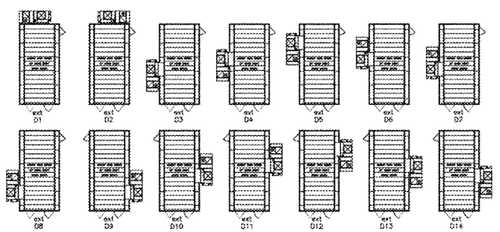

24" BOOTH	1	2	3	4	5	6	7	N/A	N/A	10	11	12	13	14
SINGLE ROW	219	219	273	245	213	273	245			245	273	213	245	273

27" BOOTH	1	2	3	4	5	6	7	8	9	10	11	12	13	14
SINGLE ROW	249	249	318	294	284	318	294	284	284	294	318	284	294	318

Note: All total volume figures are in cubic feet, and configurations will change the total volume of the pits.

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CALIBER COLLISION

NO.	DATE	BY	DESCRIPTION

REVISIONS

FIRE SECTION B - THE ZEPHYR

CALIBER COLLISION
2300 GRIFFIN RD
LAKELAND, FL
PROJECT NO. 202002

FILE NAME: 192006
DRAWN BY: BPH
DATE: 07/30/2020
REVIEWED BY: MS

F1.0