

December, 2025

**To whom it may concern:**

## **Smokmaster F72A, F72B and F72C Air Quality Fire Suppression System Design**

The Smokmaster F72A, F72B and F72C will be protected by a LEHAVOT WCK fire suppression system as follow, the F72A utilizing 1 x WCK-20 cylinder, the F72B utilizing 1 x WCK-20 and the F72C utilizing 1 x WCK-26 and 1 x WCK-16. The system employs a combination of 93482 and 93478 nozzles for comprehensive coverage.

### **Nozzle Placement and Coverage**

- 93482 nozzles at air inlet.
- 93482 nozzles at ODOR inlet
- 93482 nozzles at Carbon Module.
- 93478 nozzles at air outlet.

### **PCU Precipitator Coverage:**

The F72A itself will be protected by a total of 13 nozzles, distributed as follows:

- 4 nozzles of 93482 at air inlet.
- 2 nozzles of 93482 at ODOR inlet.
- 6 nozzles of 93482 between carbon module V-BANK.
- 1 nozzle of 93487 at air outlet toward fan.

The F72B itself will be protected by a total of 14 nozzles, distributed as follows:

- 4 nozzles of 93482 at air inlet.
- 2 nozzles of 93482 at ODOR inlet.
- 6 nozzles of 93482 between carbon module V-BANK.
- 2 nozzles of 93487 at air outlet toward fan.

The F72C itself will be protected by a total of 28 nozzles, distributed as follows:

- 8 nozzles of 93482 at air inlet.
- 4 nozzles of 93482 at ODOR inlet.
- 12 nozzles of 93482 between carbon module V-BANK.
- 4 nozzles of 93487 at air outlet toward fan.



Engineering Department  
Lehavot Fire Protection Systems