

ENVIRONMENTALLY FRIENDLY

FLO-P SYSTEM FOR INDUSTRY







FLO-P INSTALLATIONS Professional and environmentally friendly airpurification of process air and odor control



FLO-P with four doors 150 pcs. UV-C Lamps 81W or 165 W-HO lamps



FLO-P with two doors 100 pcs. UV-C Lamps 81W or 165 W-HO lamps



FLO-P with one door 60 pcs. UV-C Lamps 81W or 165 W-HO lamps

Placement of the FLO-P System

Outside: Be aware of the sun!

- Larger fans can be installed
- A cover sheet will be advised to resist the strong rays from the sun.

Inside: Be aware of maintenance space!

 The FLO-P can be cleaned e.g., with a medium-pressure washer when needed.
DO NOT BLOW WATER INTO THE FAN GRILL, JIMCO can install a cover sheet in front of the fans.

FLO-P is beneficial for:

- Odor reduction
- Grease reduction
- Reduce of fire risk

FLO-P installations for:

- Food Production
- Industrial Frying Lines
- Cooking Exhaust

FLO-P The process

After 3 seconds of reaction time in the duct, Purified air is being released to the environment to the exhaust.

The air goes through the photolytic oxidation process by the Special JIMCO UV-C lamps, which split up the molecules in the air for better oxidation. The combination of UV-C light and oxygen (O2) generates ozone (O3) to oxidize the rest particles to complete the VOC treatment.

Technique area behind doors.

UV-C reaction chamber.

The primary air is being mixed with the secondary air, to get the right oxygen level and temperature for the photolytic oxidation process.

The primary air passes through a baffle filter to separate water and grease drops. The air then passes over the condensing blocks, which cause further grease and water separation from the air stream.

Air adjustment system for secondary air used for condensing and temperature control of the primary air.

Warm primary air from the process goes into the bottom of the FLO-P.





UV-C AND OZONE SOLUTIONS FOR THE FUTURE Europe · South America · North America · Africa · Asia · Middle East

SOME JIMCO FLO-P REFERENCES





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