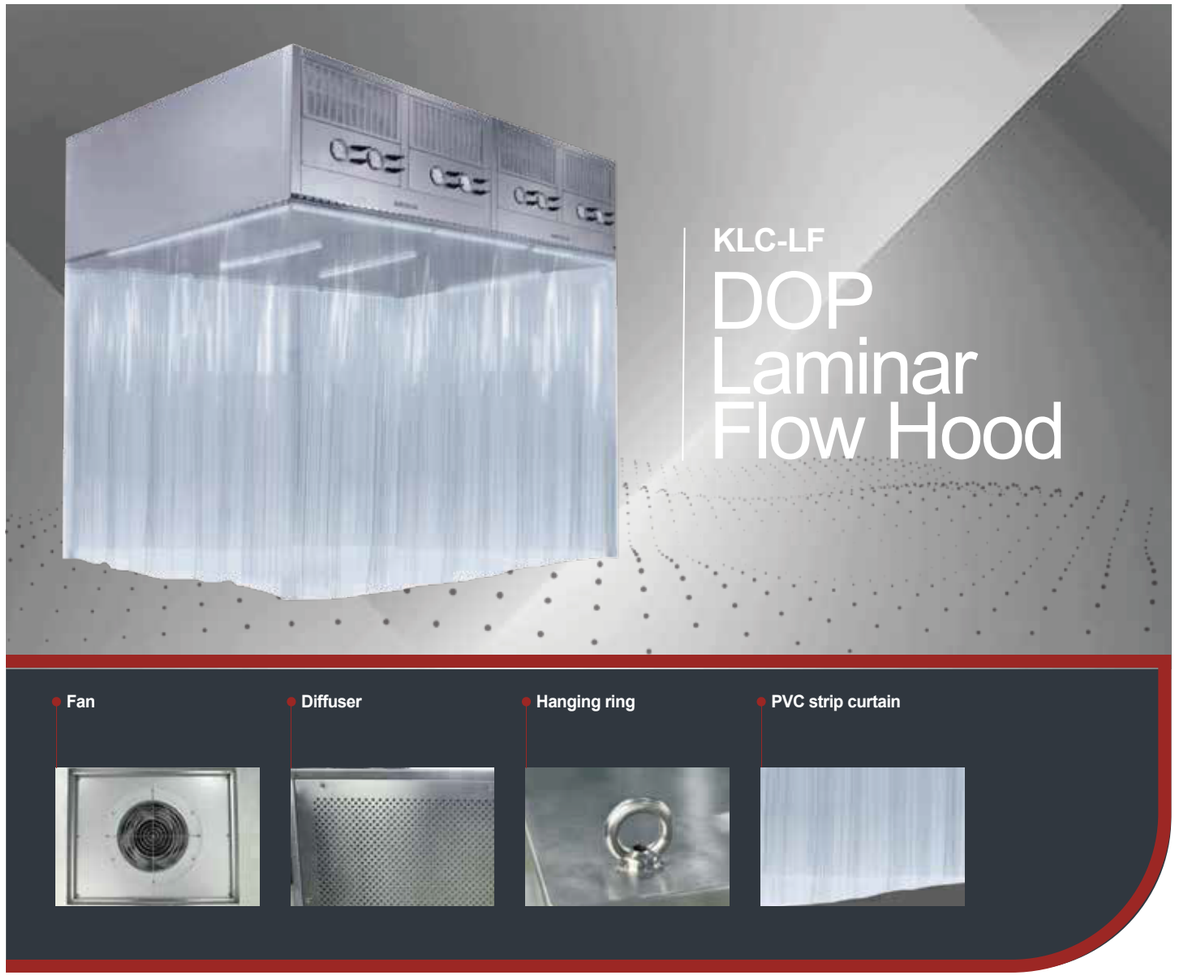

1 Perfect sealing design for GMP standards

DOP laminar flow hood equipped with ful-welded cabinet and gel sealed HEPA filter for 100% sealed for scan test, meeting GMP pharmaceutical standards, assure high air quality in the working area, protects the sample from contamination.

2 Stable laminar air flow at 0.45m/s

With the design of 51% extra high perforated diffuser, KLC unit can promoise more uniformly distributed laminar air flow. Optional laminar flow membrane can offer even better air uniformity.

3 Fast air velocity, use in series

Laminar flow hood is a ceiling unit with motor inside, used for turbulent and laminar flow clean room. It has feature of modularizing, the average air velocity can reach to 0.45m/s±20%.

4 Small calorific value

High performance of small calorific value, which can reduce the calorific value of work area further.

Item		DOP Laminar Flow Hood / Laminar Flow Cabinet		
Model		LF-1	LF-2	LF-3
Module size (WxLxHmm)		600x1200x600	900x1500x600	1500x1500x600
Air chamber material		Powder coated steel / Stainless steel		
Air flow (m^3/h)		1100	2200	3600
Average velocity (m/s)		0.45±20%	0.45±20%	0.45±20%
Power (W)		200	250	510
Weight (kg)		90	125	200
Noise dB (1m below the HEPA filter)		55-63	55-63	55-63
HEPA filter	Size（WxHxDmm）	510x1110x90	810x1410x90	705x705x90 (4pcs)
	Efficiency	99.995%@0.3μm	99.995%@0.3μm	99.995%@0.3μm
	Frame	High quality anodized aluminum		
	Initial pressure loss	140Pa@0.45m/s	140Pa@0.45m/s	140Pa@0.45m/s
	Trait	PU foam endless gasket	PU foam endless gasket	PU foam endless gasket
Motor	Power supply (V/Hz)	220 / 50	220 / 50	220 / 50
	Type	Aluminum turbo fan	Aluminum turbo fan	Aluminum turbo fan
	Vibration value (mm/s)	0.2 ~ 0.5	0.2 ~ 0.5	0.2 ~ 0.5

Optional Configuration

- ☐ PVC curtain
- ☐ Pre-filter
- ☐ Floor mounted with support stand
- ☐ PLC auto controlled system
- ☐ Wide fan option: 110V / 440V / UL certified
- ☐ U15, PTFE filter
- ☐ Stainless steel 316L
- ☐ Laminar flow membrane outlet

Parameter

1. PAO test port
2. DP gauge
3. Control panel
4. Pre-filter
5. Hanging lugs
6. Fan
7. H14 HEPA filter
8. LED lamp
9. Laminar flow membrane