

# Ductless Fume Hoods



## Technical Specifications

Model		1200DFH	1500DFH	1800DFH
Nominal Size (mm / ft)		1200mm / 4ft	1500mm / 5ft	1800mm / 6ft
External Dimensions (W x D x H) (mm)	Without Base Stand	1220 x 700 x 1153	1520 x 700 x 1153	1820 x 700 x 1153
	With Base Stand	1220 x 700 x 1860	1520 x 700 x 1860	1820 x 700 x 1860
Internal Work Area (W x D x H) (mm)		1200 x 614 x 721	1500 x 614 x 721	1800 x 614 x 721
Internal Work Area (m <sup>2</sup> )		0.74 m <sup>2</sup>	0.92 m <sup>2</sup>	1.11 m <sup>2</sup>
Inflow Air Velocity (at initial set point)		Ave of 0.5 m/s or 100fpm	Ave of 0.5 m/s or 100fpm	Ave of 0.5 m/s or 100fpm
Air Volume Movement (+/- 10%)		450m <sup>3</sup> /h (265 cfm)	550m <sup>3</sup> /h (324 cfm)	650m <sup>3</sup> /h (383 cfm)
Standard Filtration	Primary Filter	Activated carbon with granular media bed <i>5 different media types are available.</i>		
	Secondary Filter	Pre-Filter or HEPA filter (H13) <i>HEPA filtration may be required to be used in sterile work environment.</i>		
Digital Airflow Monitor		TEL Model AFA1000/1 Digital Controller		
Sound Emission		<62 dBA	<62 dBA	<62 dBA
Light Intensity		>1250 lux	>1100 lux	>1100 lux
Construction	Main Body	1.2mm thick (18 Gauge) electro-galvanised baked epoxy powder coated steel sheet and steel hollow section tubing		
	Work Zone	1.2mm thick (18 Gauge) 304 S/S, 4B finish		
	Side Panels	8mm thick acrylic		
	Front Viewing Window	6mm thick acrylic, foldable viewing panel		
Electrical 220-240 VAC, 50 Hz, Single Phase	Power (W) / Amps	90W / 1 Amp	95W / 1 Amp	95W / 1 Amp
	Outlet Fuse (Amps)	5 Amps	5 Amps	5 Amps
	Total Amps	6 Amps	6 Amps	6 Amps
Net Weight (kg) (Without Stand)		225 kg	245 kg	265 kg
Shipping Weight (kg) (Without Stand)		260 kg	320 kg	380 kg
Max Shipping Dimension (W x D x H) (Without Stand)		1360 x 830 x 1500	1660 x 830 x 1500	1960 x 830 x 1500
Max Shipping Volume (m <sup>3</sup> ) (Without Stand)		1.69 m <sup>3</sup>	2.07 m <sup>3</sup>	2.44 m <sup>3</sup>