



ChemFAST fume hoods

Technical data sheet



ChemFAST

Our chemical fume hoods



TECHNICAL SPECIFICATIONS

FASTER ChemFAST Classic

In accordance with EN ISO 14175

FASTER ChemFAST Classic

Description		1.2 m	1.5 m	1.8 m	2.1 m	2.4 m
Type		CAV				
Overall dimensions W×H×D	mm [1]	1200x2350x960	1500x2350x960	1800x2350x960	2100x2350x960	2400x2350x960
Useful dimensions W×H×D	mm	1180x1200x750	1480x1200x750	1780x1200x750	2080x1200x750	2380x1200x750
Work surface Ceramic / Polypropylene W × D	mm	900x700	1200x700	1500x700	1800x700	2100x700
Device height with max. front opening (f. cleaning & service)	mm	2.600	2.600	2.600	2.600	2.600
Unit height with substructure + integ. exhaust motor blower	mm	-	-	-	-	-
Working height (seated workplace)	mm	900	900	900	900	900
Max. working opening	mm	500	500	500	500	500
Max. front opening (no working opening)	mm	730	730	730	730	730
Weight (fume hood)	kg [2]	240	275	310	340	370
Exhaust air with the front glass open	m ³ /h [3]	490/815/1140	650/1085/1520	810/1355/1900	975/1625/2275	1135/1895/2645
Exhaust air with the front glass closed	m ³ /h [4]	490/815/1141	650/1085/1520	810/1355/1900	975/1625/2270	1135/1895/2645
Dynamic internal air barrier inflow / downflow	m/sec	-	-	-	-	-
Inflow	m/sec [5]	0.3/0.5/0.7	0.3/0.5/0.7	0.3/0.5/0.7	0.3/0.5/0.7	0.3/0.5/0.7
Filter		Suitable for retrofitting filters on the exhaust air connection				
Prefilter (particulate)		-	-	-	-	-
Lighting		LED	LED	LED	LED	LED
Light intensity	lux	>800	>800	>800	>800	>800
Electrical Input Data		230V AC 2P+T, 50 Hz				
Power consumption	W	150	150	200	200	350
Protection class / IP		IP 66	IP 66	IP 66	IP 66	IP 66
Internal protection	A	10	10	10	10	10
Sockets	[6]	-	-	-	-	-
Worktop (standard)	[7]	Ceramics				
Exhaust air connection	Ø	250	250	250	250	315
Substructure		Optional base cabinet / hazardous materials cabinet				
Display		Control panel				
Front glass		Manually				

[1] Measured at a working opening of 500 mm

[2] Weight deduction without optional filter

[3] Measured with a 500 mm working opening and an inflow of 0.3 / 0.5 / 0.7 m / s

[4] Measured with the front glass closed and an inflow of 0.3 / 0.5 / 0.7 m / s

[5] Setting during commissioning (0.3 / 0.5 / 0.7 m / s)

[6] Can be ordered as an option

[7] Polypropylene worktop for hydrofluoric acid (highly toxic fluorine in the corridor)

TECHNICAL SPECIFICATIONS

FASTER ChemFAST Sharp

In accordance with EN ISO 14175

FASTER ChemFAST Sharp

Description	Einheit		1.2 m	1.5 m	1.8 m	2.1 m	2.4 m
Type			VAV				
Overall dimensions W×H×D	mm	[1]	1200x2350x960	1500x2350x960	1800x2350x960	2100x2350x960	2400x2350x960
Useful dimensions W×H×D	mm		1180x1200x750	1480x1200x750	1780x1200x750	2080x1200x750	2380x1200x750
Work surface Ceramic / Polypropylene W × D	mm		900x700	1200x700	1500x700	1800x700	2100x700
Device height with max. front opening (f. cleaning & service)	mm		2.600	2.600	2.600	2.600	2.600
Unit height with substructure + integ. exhaust motor blower	mm		-	-	-	-	-
Working height (seated workplace)	mm		900	900	900	900	900
Max. working opening	mm		500	500	500	500	500
Max. front opening (no working opening)	mm		730	730	730	730	730
Weight (fume hood)	kg	[2]	240	275	310	340	370
Exhaust air with the front glass open	m ³ /h	[3]	815	1085	1355	1625	1890
Exhaust air with the front glass closed	m ³ /h	[4]	50	65	80	97	115
Dynamic internal air barrier inflow / downflow	m/sec		-	-	-	-	-
Inflow	m/sec	[5]	0.3 - 0.7	0.3 - 0.7	0.3 - 0.7	0.3 - 0.7	0.3 - 0.7
Filter			Suitable for retrofitting filters on the exhaust air connection				
Prefilter (particulate)			-	-	-	-	-
Lighting			LED	LED	LED	LED	LED
Light intensity	lux		>800	>800	>800	>800	>800
Electrical Input Data			230V AC 2P+T, 50 Hz				
Power consumption	W		150	150	200	200	350
Protection class / IP			IP 66	IP 66	IP 66	IP 66	IP 66
Internal protection	A		10	10	10	10	10
Sockets		[6]	-	-	-	-	-
Worktop (standard)		[7]	Ceramics				
Exhaust air connection			250	250	250	250	315
Substructure			Optional base cabinet / hazardous materials cabinet				
Display			Control panel				
Front glass			Manually with elec. air flow rate control				

[1] Measured at a working opening of 500 mm

[2] Weight deduction without optional filter

[3] Measured at a working opening of 500 mm

[4] Measured with the front glass closed

[5] Setting upon commissioning

[6] Can be ordered as an option

[7] Polypropylene worktop for hydrofluoric acid (highly toxic fluorine in the corridor)

TECHNICAL SPECIFICATIONS

FASTER ChemFAST Premium

In accordance with EN ISO 14175

FASTER ChemFAST Premium

Description	Einheit	1.2 m	1.5 m	1.8 m
Type		CAV (Hybrid)		
Overall dimensions W×H×D	mm [1]	1200x2350x960	1500x2350x960	1800x2350x960
Useful dimensions W×H×D	mm	1180x1200x750	1480x1200x750	1780x1200x750
Work surface Ceramic / Polypropylene W × D	mm	900x700	1200x700	1500x700
Device height with max. front opening (f. cleaning & service)	mm	2.600	2.600	2.600
Unit height with substructure + integ. exhaust motor blower	mm	2.600	2.600	2.600
Working height (seated workplace)	mm	900	900	900
Max. working opening	mm	500	500	500
Max. front opening (no working opening)	mm	730	730	730
Weight (fume hood)	kg [2]	278	322	358
Exhaust air with the front glass open	m ³ /h [3]	198	270	338
Exhaust air with the front glass closed	m ³ /h [4]	198	270	338
Dynamic internal air barrier inflow / downflow	m/sec	1,40	1,55	1,55
Inflow	m/sec [5]	0,12	0,12	0,12
Filter		6x A/C	9x A/C	12x A/C
Prefilter (particulate)		2x G3	3x G3	4x G3
Lighting		LED	LED	LED
Light intensity	lux	>800	>800	>800
Electrical Input Data		230V AC 2P+T, 50 Hz		
Power consumption	W	200	250	300
Protection class / IP		IP 66	IP 66	IP 66
Internal protection	A	10	10	10
Sockets	[6]	-	-	-
Worktop (standard)	[7]		Ceramic	
Exhaust air connection		160	160	160
Substructure			Drawer	
Display			Touch Display	
Front glass			Manually	

[1] Measured at a working opening of 500 mm

[2] Weight deduction without filter; Activated carbon filter standard weight 8.1 kg ± 3%

[3] Measured with a 500 mm working opening and an inflow of 0.12 m / s

[4] Measured with the front glass closed and an inflow of 0.12 m / s

[5] Setting upon commissioning

[6] Can be ordered as an option

[7] Polypropylene worktop for hydrofluoric acid (highly toxic fluorine in the corridor)