



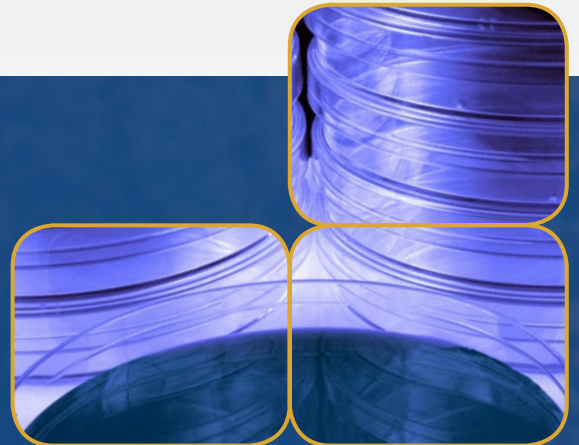
# Streamline®

FOR RUSSIA

**Class II Biological Safety Cabinets**  
The Industry's Best Value Class II Cabinets



Model: SC2-4A1



**ESCO**

WORLD CLASS. WORLDWIDE.

## Sentinel™ Silver Microprocessor Controller

- Displays all safety information on one screen
- Centered and angled down for easy reach & viewing
- Selectable Quickstart mode for fast operation

- High performance EBM-PAPST® permanently lubricated, centrifugal motor/ fans with external rotor designs. Motors selected for energy efficiency, compact design and flat profile.
- H14 filtration system operate at a typical efficiency of >99.999% at 0.1 to 0.3 micron sizes
- Ergonomically angled front improves reach and comfort, reduces glare. Frameless, shatterproof sash is easier to clean, offers larger, unobstructed viewing area.
- Isocide™ powder coat inhibit microbial growth to improve safety.
- Sentinel™ Silver Microprocessor control alarm system supervise operation of all cabinet functions. Monitor both exhaust and downflow.
- Robust cabinet construction with key components, including fluorescent lamps, control system are located away from contamination air to permit service without decontamination.
- Glass side to increase brightness with maximum visibility.
- Esco Streamline® Class II has been certified by PHE / Public Health England (formerly HPA) for compliance to EN 12469.



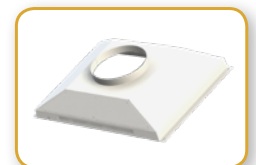
12

### Accessories

Item Code	Model	
Cabinet	SC2-4A1 2011258	SC2-6A1 2011259
Anti-blowback Valve 10"	ABBV-10P 5170352	
Thimble Exhaust Collar	ECO-AC2-4 Gen3 5170522	ECO-AC2-6 Gen3 5170524
UV Lamp	UV-30A-L 5170255	
PVC Arm Rest Valve 10"	MEWREST 5170127	
Pre-Filter (On paper Catch)	PF-42 5090062	PF-44 5090064
IV Bar	IV-1215 5170231	IV-1825 5170501
Electrical Outlet (Universal)	EO-UNI 5170060	



ABBV-10P



ECO-AC2-\_ Gen3



UV-30A-L



MEWREST



PF-



IV\_



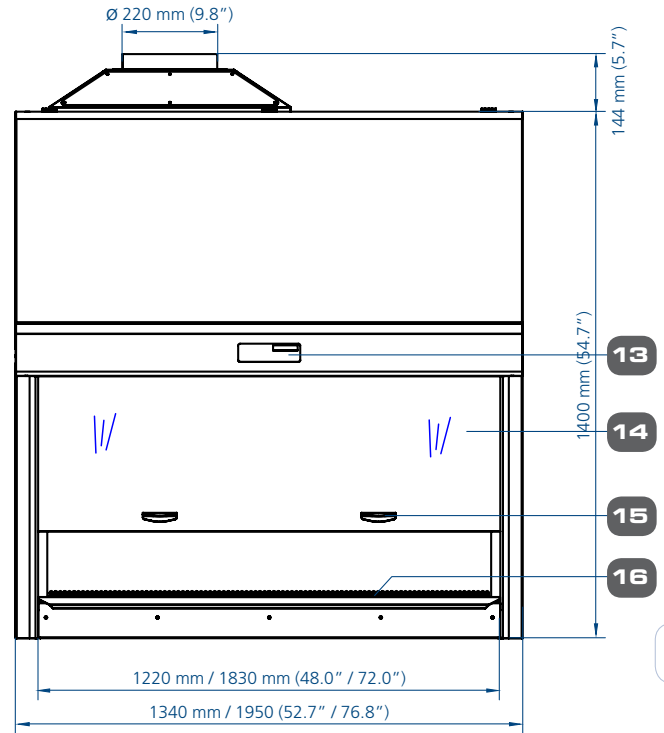
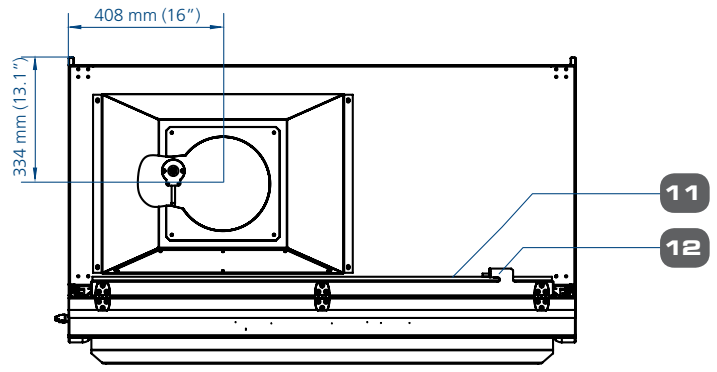
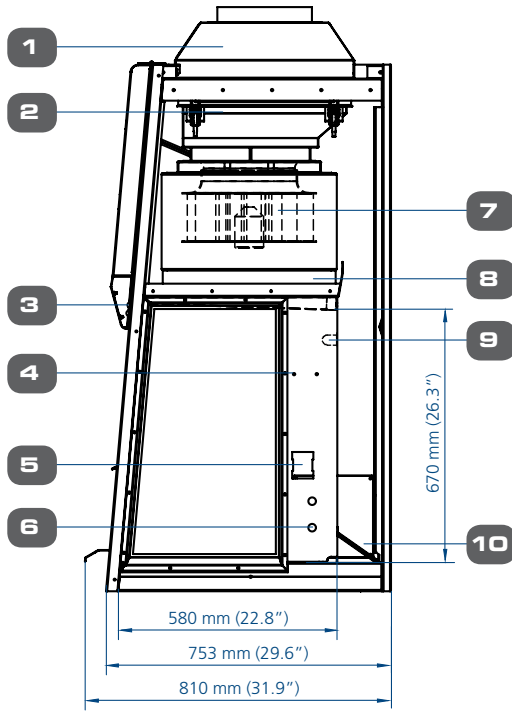
EO-UNI



SF-

# Streamline® Class II, Biological Safety Cabinet Engineering Drawing

- |  |   |
|--|---|
| 1. Exhaust Collar (Optional)                                 | 9. UV Lamp (Optional)                                   |
| 2. Exhaust H14 Filter  | 10. Paper Catch (with optional pre-filter)              |
| 3. Fluorescent Lamps   | 11. RS232 Port  |
| 4. IV Bar Retrofit Kit Provision                             | 12. Power Inlet (with safety cable hook)                |
| 5. Universal Electrical Outlet (one on each side)            | 13. Esco Sentinel™ Silver Microprocessor Control System |
| 6. Service Fixture Retrofit Kit Provision (two on each side) | 14. Tempered Glass Sliding Sash Window                  |
| 7. EBM AC Blower   | 15. Sash Handle   |
| 8. Downflow H14 Filter                                       | 16. Stainless Steel Work Tray                           |



3

EU SF-Gas-20 mm	SF-1G20 5170410	
EU SF-Vacuum-20 mm	SF-1V20 5170457	
EU SF-Air-20 mm	SF-1A20 5170503	
EU SF-Nitrogen-20 mm	SF-1N20 5170503	
EU SF-Water-20 mm	SF-1W20 5170258	
EU SF-Universal-22 mm	SF-2U22 5170504	
Ergonomic Foot Rest	FT-REST 5170073	
Fixed Stand with Caster Wheels (28" Height)	SPC-4A0 Gen2 5130152	SPC-6A0 Gen2 5130154
Fixed Stand with Caster Wheels (34" Height)	SPC-4B0 Gen2 5130166	SPC-6B0 Gen2 5130168
Fixed Stand with Leveling Feet (28" Height)	SAL-4A0 Gen2 5130134	SAL-6A0 Gen2 5130172
Fixed Stand with Leveling Feet (34" Height)	SAL-4B0 Gen2 5130175	SAL-6B0 Gen2 5130177
IQ OQ Protocol	9010179	



SF-2U22



FT-REST



SPC\_A0



SAL\_A0



IQ OQ

## TECHNICAL SPECIFICATIONS

Model		SC2-4A1 2011258	SC2-6A1 2011259
External Dimension (W x D x H)		1340 x 810 x 1400 mm (52.8" x 31.9" x 55.1")	1950 x 810 x 1400 mm (76.8" x 31.9" x 55.1")
Gross Internal Dimension (W x D x H)		1220 x 580 x 670 mm (48.0" x 22.8" x 26.4")	1830 x 580 x 670 mm (72.0" x 22.8" x 26.4")
Airflow Velocity	Inflow	0.45 m/s (89 fpm)	0.45 m/s (89 fpm)
	Downflow	0.30 m/s (60 fpm)	0.30 m/s (60 fpm)
Airflow Volume	Inflow	346 cmh (204 cfm)	519 cmh (305 cfm)
	Downflow	764 cmh (449 cfm)	1146 cmh (675 cfm)
	Exhaust	346 cmh (204 cfm)	519 cmh (305 cfm)
Filter Efficiency (%)		>99.999% at 0.1 to 0.3 micron, ULPA as per IEST-RP-CC001.3 USA >99.999% at MPPS, H14 as per EN 1822 EU	
Sound Emission (IEST-RP-CC002.2)*		NSF: 60 dBA / EN: 57 dBA	NSF: 62 dBA / EN: 59 dBA
Fluorescent Lamp Intensity		1118 lux (104 foot-candles)	1044 lux (97 foot-candles)
Cabinet Construction	Main Body	1.2 mm (0.05") / 18 gauge EG Steel with Isocide™ Oven-Baked Epoxy-Polyester Powder Coating	
	Workzone	Multi-piece work tray, 1.5 mm (0.06") / 16 gauge, SS304, with glass side wall	
Electrical	Maximum Power / Current Consumption	360 W / 2 A	650 W / 3.5 A
	Nominal Power Consumption	308 W	606 W
	Outlet Amp Fuse	5 A	
	Full Load Amps	7 A	8.5 A
	BTU/Hr	874	1840
Net Weight		230 kg (507.0 lbs)	346 kg (762.8 lbs)
Shipping Weight		285 kg (628.3 lbs)	428 kg (943.6 lbs)
Shipping Dimension (W x D x H)		1450 x 820 x 1760 mm (57.0" x 32.2" x 69.2")	2050 x 820 x 1760 mm (80.7" x 32.2" x 69.2")

\*Noise reading in open field condition / anechoic chamber

**ESCO**  
WORLD CLASS. WORLDWIDE.