

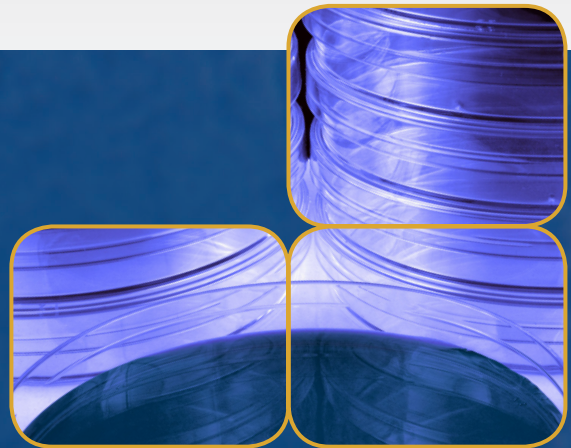


Streamline®

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



*Streamline® Class II, Biosafety Cabinet,
Model: SC2-4S1*



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



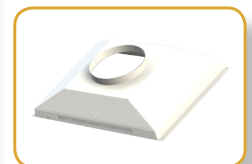
- High performance EBM-PAPST® permanently lubricated, centrifugal motor/fans with external rotor designs. Motors selected for energy efficiency, compact design and flat profile.
- H14 filtration system operate at a typical efficiency of >99.995% at 0.1 to 0.3 micron sizes
- Ergonomically angled front 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 / Stainless Steel side walls available (S-Series).
- Esco Streamline® Class II has been certified by PHE / Public Health England (formerly HPA) for compliance to EN 12469.

Accessories

Item Code		Model			
Cabinet	Glass Sides	SC2-4E1 2010655	SC2-4E3 2010892	SC2-6E1 2010900	SC2-6E3 2010904
	Stainless Steel Sides	SC2-4S1 2010930	SC2-4S3 2010898	SC2-6S1 2010906	SC2-6S3 2010910
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-AC2-4 Gen3



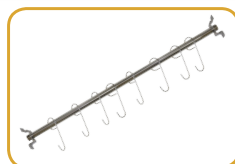
UV-30A-L



MEWREST



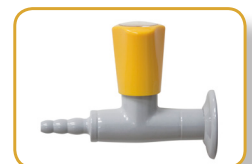
PF-



IV-



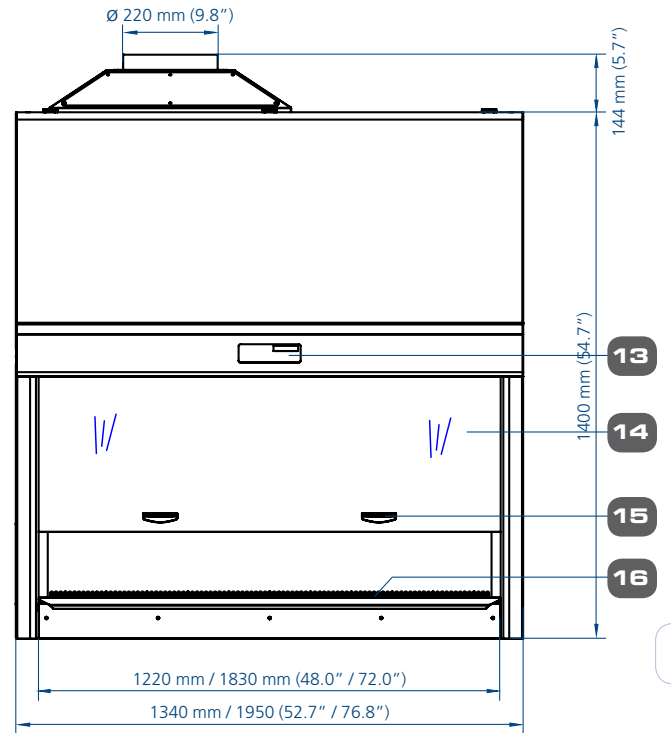
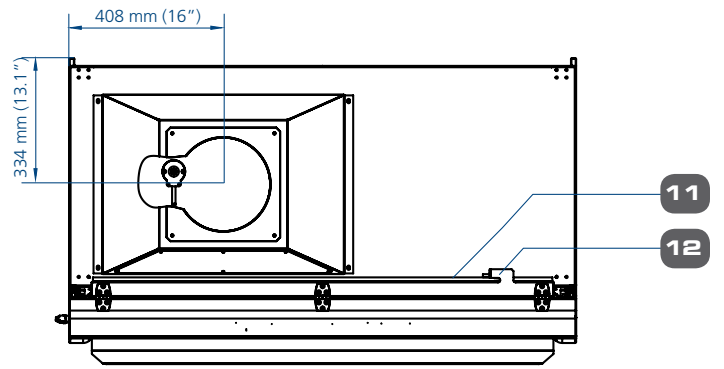
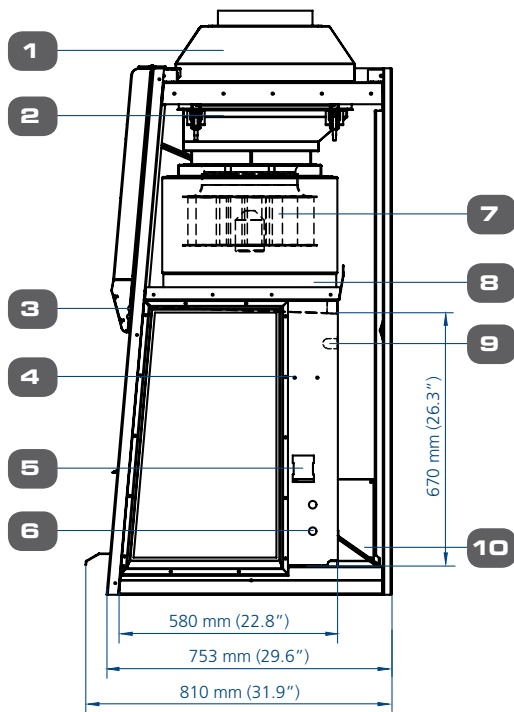
EO-UNI



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	SC2-4E1 2010655	SC2-4E3 2010892	SC2-6E1 2010900	SC2-6E3 2010904	
	SC2-4S1 2010930	SC2-4S3 2010898	SC2-6S1 2010906	SC2-6S3 2010910	
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 Volume	Inflow	292 cmh (172 cfm)		438 cmh (258 cfm)	
	Downflow	764 cmh (450 cfm)		1146 cmh (675 cfm)	
Filter Efficiency	>99.995 at 0.1 to 0.3 micron, ULPA as per IEST-RP-CC001.3 USA >99.995 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	1452 lux		1430 lux		
Cabinet Construction	Main Body	1.2 mm (0.05") / 18 gauge EG Steel with Isocide™ Oven-Baked Epoxy-Polyester Powder Coating			
	Workzone	E-series: Multi-piece work tray, 1.5 mm (0.06") / 16 gauge, SS304, with glass side wall			
		S-series: Single-piece work tray, 1.5 mm (0.06") / 16 gauge, SS304, with stainless steel side wall			
Electrical	Maximum Power / Current Consumption	360 W / 2 A		650 W / 3.5 A	
	Outlet Amp Fuse	5 A			
	Full Load Amps	7 A	7 A	8.5 A	9 A
	BTU/Hr	874	1177	1840	2286
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



- ART Equipment
- Biological Safety Cabinets
- CO₂ Incubators
- Compounding Pharmacy Equipment
- Containment / Pharma Products
- Ductless Fume Hoods
- Freeze Dryers
- Lab Animal Research Products
- Laboratory Centrifuges
- Laboratory Fume Hoods
- Laboratory Ovens and Incubators
- Laboratory Shakers
- Laminar Flow Clean Benches
- PCR Cabinets
- PCR Thermal Cyclers
- Powder Weighing Balance Enclosures
- Ultra-low Temperature Freezers

The Esco Group of Companies is a global life sciences tools provider with sales in over 100 countries. The group is active in lab equipment, pharma equipment and medical devices. Manufacturing facilities are located in Asia and Europe. R&D is conducted worldwide spanning the US, Europe and Asia. Sales, service and marketing subsidiaries are located in 12 major markets including the US, UK, Singapore, Japan, China and India. Regional distribution centers are located in the US, UK, and Singapore.

Life Science • Chemical Research • Assisted Reproductive Technology (ART) • Pharmaceutical Equipment • General Equipment

ESCO

WORLD CLASS. WORLDWIDE.

Esco Micro Pte. Ltd. • 21 Changi South Street 1 • Singapore 486 777
Tel +65 6542 0833 • Fax +65 6542 6920 • mail@escoglobal.com
www.escoglobal.com

Esco Technologies, Inc. • 903 Sheehy Drive, Suite F, Horsham, PA 19044, USA
Toll-Free USA and Canada 1-877-479-3726 • Tel 215-441-9661 • Fax 484-698-7757
eti.sales@escoglobal.com • www.escolifesciences.us

Esco Global Offices: Bahrain | Bangladesh | China | India | Indonesia | Italy | Japan | Malaysia
Philippines | Russia | Singapore | South Africa | South Korea | Thailand | United Kingdom | USA | Vietnam

ISOCIDE™

escoglobal.com
LIVE SUPPORT

bizSAFE₃

ISO 9001
Certification

UKAS
Certification

9010220_Biological Safety Cabinet_SC2_brochure_A4_vF_082316
 Esco can accept no responsibility for possible errors in catalogue, brochures and other printed material. All trademarks and logos in this material are the property of Esco and the respective companies.