WORKSAFE™

DOWNFLOW BOOTHS

.....always in safe hands

howorth
air technology
Established 1858

WORKSAFE™

Downflow Booths

Standard Modular Design

- Standard Booth modules of 1m and 1.3m “pods” to make a combination of Booth widths - see Matrix Chart
- Available with 2 different depth Containment Zones of 1.8m and 2.2m - see Matrix Chart

NOTE: Booths are "future proofed" due to the Howorth modular design

Width, depth and height can be altered to suit a change in user requirements

Booth is available in the following materials or as a combination

- Powder Coated Zintec
- 304 Stainless Steel
- 316 Stainless Steel

Interchangeable filter options utilising standard filter sizes

- G4 Pre-Filters
- F8 or F9 Fine Dust Filters with/without Safe Change Filter Bags
- H13 or H14 HEPA Filters - with/without Safe Change Filter Bags
- Terminal HEPA or CG Screen options
- Grade A internal environment (ISO 5) with Terminal HEPA's
- Grade C internal environment (ISO 7) with CG Screens

Dedicated Control System

- Proface 6.5” HMI Display. with optional PLC controls:-
  - Allen Bradley Micrologix or
  - Siemens S7-1200
- Integrated flush mounted LED lighting
  - Optional dimmable lighting
- Booth will operate at Standby Mode when not in use
- Option for Hazardous Area Classification or ATEX

Energy Efficient Exhaust Fan

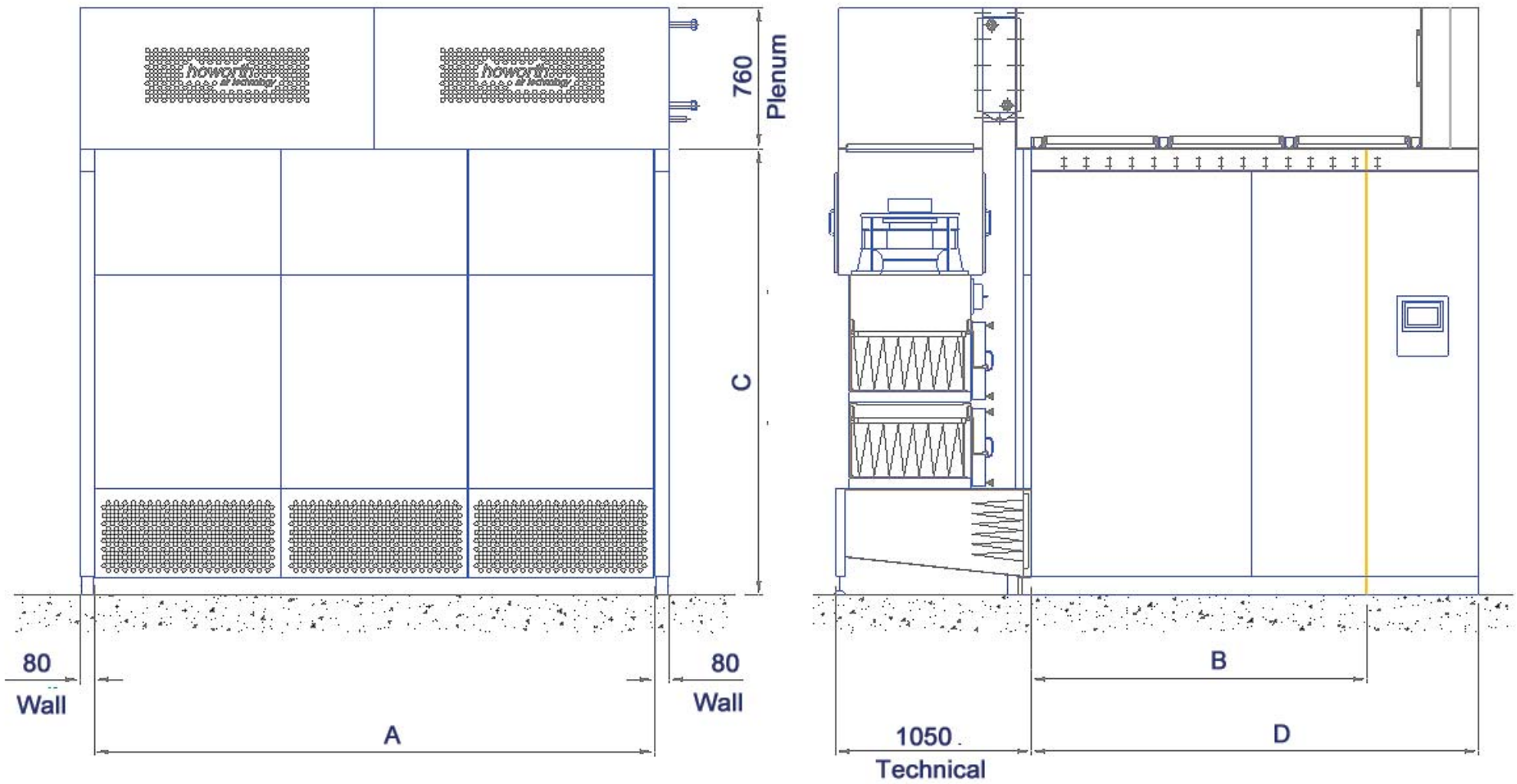
- Auto Speed Control
  - Plug Fans (std) or VFD controlled (optional)

Temperature Control

- Built-In Cooling Coil and associated controls

Other Standard Booth Features

- Wash-Down Exhaust Return Air Plenum
- Recessed Plinth Upstand for coved flooring
- Sprinkler Points
- Fan & Filter access possible either from within the Booth or the rear Technical space
- Supplied with Howorth High Containment Screen or “High Containment Screen Ready” for future incorporation



Work Area Width	Containment Zone		Coils	Available Heights		Work Area Depth		Overall Width	Overall Depth	
	1.8	2.2		2.4	2.8	1.8	2.2		1.8	2.2
A	B			C		D				
(m)	(m)	(m)	(No. Off)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
2.0	o	o	1	o	o	2.4	2.8	2.16	3.45	3.85
2.3	o	x	1	o	o	2.4	x	2.46	3.45	x
2.6	o	x	1	o	o	2.4	x	2.76	3.45	x
3.0	o	o	1	o	o	2.4	2.8	3.16	3.45	3.85
3.3	o	o	1	o	o	2.4	2.8	3.46	3.45	3.85
3.6	o	x	1	o	o	2.4	x	3.76	3.45	x
3.9	o	x	1	o	o	2.4	x	4.06	3.45	x
4.0	o	o	1	o	o	2.4	2.8	4.16	3.45	3.85
4.3	o	o	2	o	o	2.4	2.8	4.46	3.45	3.85
4.6	o	x	2	o	o	2.4	x	4.76	3.45	x
4.9	o	x	2	o	o	2.4	x	5.06	3.45	x
5.0	o	o	2	o	o	2.4	2.8	5.16	3.45	3.85
5.2	o	x	2	o	o	2.4	x	5.36	3.45	x
5.3	o	o	2	o	o	2.4	2.8	5.46	3.45	3.85
5.6	o	o	2	o	o	2.4	2.8	5.76	3.45	3.85
5.9	o	x	2	o	o	2.4	x	6.06	3.45	x
6.0	o	o	2	o	o	2.4	2.8	6.16	3.45	3.85
7.0	o	o	2	o	o	2.4	2.8	7.16	3.45	3.85
8.0	o	o	2	o	o	2.4	2.8	8.16	3.45	3.85

O - AVAILABLE

X- NOT AVAILABLE

Containment Screen		
Booth Height (m)	4D	5D
2.4	o	x
2.8	x	o

WORKSAFE™

DOWNFLOW BOOTHS

ULTRASAFE™

CONTAINMENT ISOLATORS

ENVIROSAFE™

ASEPTIC ISOLATORS

.....always in safe hands

Howorth Air Technology Ltd.
Lorne Street, Farnworth
Bolton, BL4 7LZ, UK

T: +44 (0) 1204 571131
F: +44 (0) 1204 862378

www.howorthgroup.com

Howorth Air Technology Inc.
782 Route 9, Unit B
Bayville, NJ 08721, US

T: +1 (484) 252 3860

info@howorthgroup.com

howorth
air technology
Established 1858