



*Downflow Benches*



## Operation

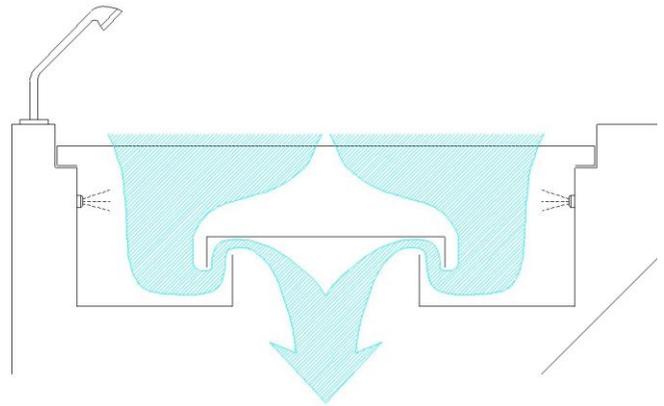
Labaire's Downflow Benches are designed to remove fumes downwards in a uniform manner at 0,5m/s through a perforated work surface. An extract fan draws the air from a plenum under the work area and either discharges to atmosphere or filters the air before supplying it back into the laboratory. In achieving this Ruaire designed the benches to allow normal procedures to carry on unhindered. This includes specimen removal and wash down procedures and the placement and storage of equipment.

## Applications

When the removal of fumes with open bench facilities and all-round viewing is required, conventional fume extraction or containment systems will not suite the application. The removal of fumes such as formaldehyde and xylene in pathology and histology laboratories, smells and aerosols for autopsy work, general fumes [including organic and acidic] and particle removal in pharmaceutical, industrial, museums, university and research centres, may require downflow benches.

## Design Features

Supplied as island/peninsula or as wall units depending on viewing application. viewing. The entire unit is manufactured from type 304 stainless steel including the perforated work surface, sump, sink and pedestal or stand. All joints are fully welded with radius corners for easy cleaning. Lateral and cross support members are incorporated into the design. Sinks include a lever handle drain valve or a disposer unit. The sump under the work surface has a permanent washdown facility with drainage. All faucets are deck or side mounted with elbow operated hot/cold water, swivel and hand shower spouts. Built-in continuous flow rinse with spray nozzles and separate valve. All plumbing and electrical services are factory tested.



*Schematic of central down flow air*



**Wall dissection table, deck mounted faucets, and end sink**

### Technical Data

MODEL CODE	Overall Dimensions			Mass Kg
	H	W	D	
L12DTC	900	1200	750	120
L15DTC	900	1500	750	150
L18DTC	900	1800	750	180
L21DTC	900	2100	750	220
L24DTC	900	2600	750	250

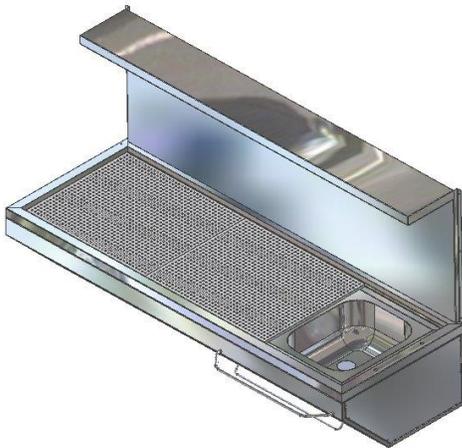
### Accessories

- Heavy-duty disposer
- Stainless splash back panel
- Stainless steel shelves

*Customized units built to your requirements*



**Wash down System with Twin Exhaust System**



**Wall mounted Dissection Table, splash back, sink and docking station**



**Dissection Table with knee-operated faucets, end sink, wash down system and central down flow.**

### **Labaire**

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