



Model FD-380



Model FD-825

Applications

The Protech High Performance Dryers are designed for speed drying of food, agricultural, herbal or soil samples.

Features

The Dryers are constructed of powder coated mild steel, finished throughout in acrylic stove enamel paint. Two models are available to suit your choice. The Model FD-380 is a bench-top model. The Model FD-825 is floor standing and mounted on castor wheels for easy transportation. For both models, the shelves are removable and can be fully adjusted for heights at one-inch gaps. The heating elements are built in the top cabinet (for Model FD-380) or side cabinet (for Model FD-825) to avoid any possible damage by water dripping from samples. Drying is aided by a heavy duty hot air fan. Drying temperature is set by a digital thermometer. Guided air-flow ensures a complete circulation of hot air in drying chamber. An independent built-in safety thermostat takes over control of the Dryer if the control thermostat fails. This prevents destruction of samples.

The glass doors are filled with full length magnetic gaskets or spring loaded catches to ensure that the doors are tightly secured. Two sliding mild steel shutters are provided at the top for air ventilation or moisture escape during initial phase of drying. A six-hour timer is provided as standard. The Dryer is supplied with 2 or 4 stainless steel shelves (depending on the model) and a two-meter power cable with grounded plug.

Benefits

- High-flow air circulation by hot air fan
- Guided airflow
- Built-in safety devices for thermal protection
- Stainless steel shelves
- Timer operation
- High efficiency



Specifications



MODEL	FD-380	FD-825
Type	Bench-top model, double-door	Floor model, double-door
Capacity	380 litres	825 litres
Cabinet construction	Powder coated mild steel interior and exterior	
Working temperature range	Ambient +5°C to 80°C	
Temperature control	Digital controller	
Temperature setting & display	Digital, displays up to 1°C	
Air circulation	By hot air fan	
Air circulation rate	410 m ³ /hr	1000 m ³ /hr
Ventilation	Two air vents with adjustable shutters provided	
Drying duration	By 6-hour timer or continuously on	
Electrical loading	2.1 kW	3.2 kW
Safety devices	Complete with independent over-temperature protection, ELCB and fan overload protection	
No. of shelves supplied	2 units	4 units
Shelf dimensions (mm)	840 W x 450 D x 12 H	940 W x 480 D x 20 H
Interior dimensions (mm)	855 W x 555 D x 800 H	1000 W x 550 D x 1500 H
Exterior dimensions (mm)	1050 W x 665 D x 1170 H	1280 W x 665 D x 1740 H
Electrical supply	220-240 VAC, 50 Hz, 8.7 A	220-240 VAC, 50 Hz, 13.3 A
Weight	97 kg	134 kg

All specifications are subject to change without prior notice.