

DFI Series, 36 Liter, 80 Liter, 150 Liter, 240 Liter Incubators



Microbiological Incubator With Forced Convection

Premium equipment for all gentle incubation applications, including processing large numbers of samples at high throughput. Outstanding dynamics keep the required temperature virtually stable with homogenous distribution, irrespective of how many times the door is opened. The modern range of incubators is available in 4 sizes. DFI Series offers excellent uniformity and stability & are used for many applications as incubation of culture test, drying slides, microbiological incubation, bacteriological test and more. The inner case is constructed from polished stainless steel. Internal glass door for incubator. All units are provided with wire plated shelves with multi position settings. All models are with fans assisted air circulation. The chamber ventilation and exhaust vent are easily adjustable. Wide choice of control options is available. PID controller is fitted as standard with dual display of measured value and setpoint, timer included.

Options:

- 38mm cable port
- Gas inlet
- 5 programs of 8 segments model: 3216CP
- 4 programs of 16 segments model: 2416P4
- RS-232/485 communication model: 3216E
- Datalogger



| Model | DFI-36 | DFI-80 | DFI-150 | DFI-240 |
|-------------------------|--|----------------|----------------|-----------------|
| Temp. range | Room temperature - 80°C | | | |
| Temp. constancy | ±0.1°C | | | |
| Temp. uniformity | ±0.5°C at 37°C | | | |
| Temp. control | PID | | | |
| Heater: Incubator | 400W | 400W | 600W | 800W |
| Inside Material | SUS 304 | | | |
| Timer | 1 minute to 99 hours & 59 minutes or continuous | | | |
| Safety devices | Short circuit breaker, over heat protector, sensor abnormality | | | |
| Inside dimensions (mm) | W400xD300xH300 | W500xD400xH400 | W600xD500xH500 | W600xD500xH800 |
| Outside dimensions (mm) | W525xD420xH595 | W620xD520xH620 | W720xD620xH720 | W720xD620xH1020 |
| Volume (Liters) | 36 | 80 | 150 | 240 |
| Shelves fitted | 2 | 2 | 2 | 3 |
| Max. Shelves | 7 | 10 | 13 | 23 |
| Weight | 34kg | 52kg | 75kg | 85kg |