

## CURING CABINET STANDARD: EN 12390-1

Both ASTM and EN specifications require the specimens to be left in the mould for the first 16 hours up to a maximum of three days, protected against shock, vibration and dehydration at a temperature from  $20 \pm 5^\circ\text{C}$  or  $25 \pm 5^\circ\text{C}$  in hot climates (EN method) and  $16$  to  $27^\circ\text{C}$  (ASTM method). After the removal from the moulds the specimens have to be stored in a moist condition at  $20 \pm 2^\circ\text{C}$  (EN) or  $23 \pm 1.7^\circ\text{C}$  (ASTM) with a relative humidity  $\geq 95\%$ . Alternatively they can be cured in water at the same temperature. Use high-power heating tube, it can quickly increase the temperature in the cabinet to set temperature. Use advanced ultrasonic humidifier, it has automatic constant control humidification for fog, make sure that the humidity in the cabinet 95%.

Model	TPBY-40B	TPBY-60B	TPBY-90B
Temperature control	$20 \pm 1^\circ\text{C}$		
Accuracy	$\pm 1^\circ\text{C}$		
Relative humidity control	$\geq \text{RH}95\% \pm 5\%$		
Power supply	220V50Hz		
Heating power	1000W		
Cooling power	145W	290W	290W
Humidifying power	45W		
Humidification capacity	400 ml/h		
Volume of humidifier	5.5L		
Dehumidifying power	50W		
Internal dimensions	$620 \times 480 \times 1000\text{mm}$ (5 layers)	$1100 \times 480 \times 1200\text{mm}$ (6 layers)	$1570 \times 480 \times 1200\text{mm}$ (6 layers)
External dimensions	$1000 \times 620 \times 1350\text{mm}$	$1500 \times 640 \times 1550\text{mm}$	$2000 \times 640 \times 1550\text{mm}$



TPBY-40B

## CONCRETE SPECIMEN CURING TANK

Model 55-C0193/B heavy duty plastic curing tank and Model 55-C0193/S stainless steel curing tank are designed for curing concrete cubes and cylinders.

Model	55-C0193/B	55-C0193/S
Temperature range	From ambient to $+40^\circ\text{C}$	
Power	3000 W	
Capacity	594L	1080L
Internal dimensions	$1100 \times 900 \times 600\text{mm}$	$1500 \times 900 \times 800\text{mm}$
Weight approx.	50 kg	120kg



55-C0193/B



55-C0193/S