



# Dual Series

## SMALL FREEZERS

Specifically designed for the every day requirements of laboratory and biorepository operations



Dual-configuration allows you to use your TW Freezer for LN<sub>2</sub> storage, as a vapor shipper and then for storage again.

- Universal canister compatibility
- Fits in standard shipping boxes and containers
- Rugged ribbed high-strength aluminum body, magneformed necktube design and more durable paint
- Superior vacuum performance with insulation technology that delivers maximum holding times
- Lockable lid with enlarged opening for seals or securing ties

SPECIFICATIONS	TW20 Dual	TW34 Dual	TW47-6 Dual	TW47-10 Dual
LN <sub>2</sub> Capacity (L)	21	34	48	48
Hold Time (Days)	135	123	76	76
Vapor Storage Hold Time (Days)	30	30	30	30
Evap. Rate (Liters/Day)	0.095	0.180	0.390	0.390
DIMENSIONS				
Necktube (in/mm)	2.2 / 55.9	3.5 / 88.9	5 / 127	5 / 127
Overall Dia. (in/mm)	14.5 / 368.3	18 / 457.2	20 / 508	20 / 508
Height (in/mm)	26 / 660.4	27 / 685.8	26.5 / 673.1	26.5 / 673.1
WEIGHT				
Empty (lb/kg)	26 / 11.8	35 / 15.9	41 / 18.6	41 / 18.6
Charged (lbs/kg)	34 / 15.4	45 / 20.4	59 / 26.8	59 / 26.8
Full Weight (lb/kg)	63 / 28.6	94 / 42.6	120 / 54.4	120 / 54.4
CAPACITY				
Number of Canisters	6	6	6	10
Canister Diameter (in/mm)	1.65 / 41.9	2.8 / 71.2	4.0 / 101.6	2.8 / 71.1
.5 cc Straws on Canes	660	2100	3900	3200