



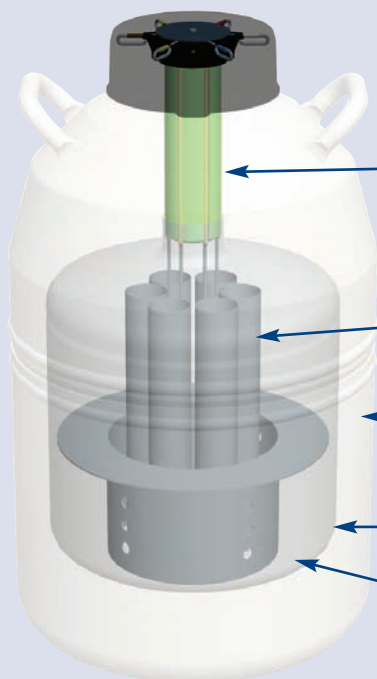
The Doble QWick Series utilizes an absorbent wicking material that charges with liquid nitrogen in fewer than two hours, providing the capacity for same-day vapor shipping. A unique absorbent layer in the base of the storage tanks enables them to be charged with nitrogen and employed as dry shippers with hold times of up to 30 days. Once at the final destination, the tanks can be filled with liquid and used for long term storage, therefore avoiding the need for return shipments. Equipped with the same capacity and dimensions as the comparable Doble Series.

Features Include:

- CHARGES IN LESS THAN TWO HOURS
- Liquid and vapor storage options
- Low liquid nitrogen consumption
- Convenient lightweight package

Accessories:





A Durable composite lid design

B High strength neck tube reduces liquid nitrogen loss

C Canisters

D Strong, lightweight aluminum construction

E Advanced chemical vacuum retention system

F Hydrophobic liquid nitrogen absorbent system

	Doble QWick 10/660	Doble QWick 20/660	Doble QWick 17/2400	Doble QWick 20/2100	Doble QWick 14/4500	Doble QWick 14/3500
Comparable To	Doble 11	Doble 20	Doble 28	Doble 34	Doble 47	Doble 47-10

Maximum Storage Capacity

Number of Canisters	6	6	6	6	6	10
No. of 1/2 cc Straws 10/cane	660	660	2400	2100	4500	3500
Vial Capacity	210	210	810	630	1320	1050

Performance

Liquid Nitrogen Capacity <i>L</i>	10.0	18.5	28.0	32.0	46.0	46.0
Vapor Capacity <i>L</i>	3.1	2.8	8.4	6.7	8.4	9.6
Static Evaporation Rate <i>L/day</i>	0.17	0.10	0.35	0.20	0.40	0.40
Normal Working Duration <i>days for liquid</i>	37	116	50	100	74	72
Normal Working Duration <i>days for vapor</i>	10	20	17	20	14	14

Unit Dimensions

Neck Opening <i>in (mm)</i>	2.18 (55)	2.18 (55)	3.81 (97)	3.50 (89)	5.00 (127)	5.00 (127)
Overall Height <i>in (mm)</i>	21.6 (549)	25.7 (652)	22.0 (559)	26.6 (676)	26.5 (673)	26.5 (673)
Outside Diameter <i>in (mm)</i>	10.2 (260)	14.5 (368)	18.2 (462)	18.2 (462)	20.0 (508)	20.0 (508)
Canister Height <i>in (mm)</i>	11 (279)	11 (279)	11 (279)	11 (279)	11 (279)	11 (279)
Canister Diameter <i>in (mm)</i>	1.65 (41)	1.65 (42)	3.09 (78)	2.81 (72)	4.00 (101)	2.81 (72)
Weight Empty <i>lb. (kg)</i>	17 (7.7)	25 (12.0)	34 (16.0)	39 (18.0)	47 (21.3)	48 (21.8)
Weight Charged vapor <i>lb. (kg)</i>	22.5 (10.2)	30.2 (14.0)	47.0 (21.3)	50.0 (22.7)	63.0 (28.6)	63.0 (28.6)
Weight Full liquid <i>lb. (kg)</i>	36 (16.0)	60 (27.0)	84 (38.0)	95 (43.0)	125 (57.0)	120 (54.5)

THREE Year Vacuum Warranty

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