

### Serie Doble per trasporto e stoccaggio

### Doble Series



I contenitori DOBLE sono gli unici della gamma MVE a poter espletare la doppia funzione di contenitori per il trasporto (VAPOR SHIPPER) e contenitori per lo stoccaggio.



The Doble Series cryogenic liquid dewars are the first units to be designed for both vapor shipment and liquid storage. 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 of both series 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.

Features Include:

- Liquid and vapor storage options
- Low liquid nitrogen consumption
- Convenient lightweight package

Doble Series	Doble 11	Doble 20	Doble 28	Doble 34	Doble 47	Doble 47-10
<b>Normal Working Duration days for liquid</b>	37	116	50	100	74	72
<b>Normal Working Duration days for vapor</b>	17	21	24	20	21	21
<b>Weight Empty lb. (kg)</b>	14.5 (6.6)	22.0 (10.0)	33.0 (15.0)	34.0 (15.4)	41.0 (18.6)	41.0 (18.6)
<b>Weight Charged vapor lb. (kg)</b>	18.5 (8.4)	26.0 (11.8)	47.0 (21.3)	45.5 (20.6)	55.0 (24.9)	55.0 (24.9)
<b>Weight Full liquid lb. (kg)</b>	32 (14.5)	56 (25.4)	89 (40.4)	92 (41.7)	117 (53.1)	117 (53.1)
<b>Cabosil lb. (kg)</b>	1.0 (0.45)	1.0 (0.45)	3.5 (1.58)	2.0 (0.9)	3.4 (1.5)	3.4 (1.5)
<b>Maximum Storage Capacity</b>						
<b>Number of Canisters</b>	6	6	6	6	6	10
<b>No. of 1/2 cc Straws 10/cane</b>	660	660	2,400	2,100	4,500	3,500
<b>Vial Capacity</b>	210	210	810	630	1,320	1,050
<b>Performance</b>						
<b>Liquid Nitrogen Capacity L</b>	10.0	18.5	28.0	32.0	46.0	46.0
<b>Vapor Capacity L</b>	3.1	2.8	8.4	6.7	8.4	9.6
<b>Static Evaporation Rate L/day</b>	0.17	0.10	0.35	0.20	0.40	0.40
<b>Unit Dimensions</b>						
<b>Neck Opening in (mm)</b>	2.18 (55)	2.18 (55)	3.81 (97)	3.50 (89)	5.00 (127)	5.00 (127)
<b>Overall Height in (mm)</b>	21.6 (549)	25.7 (652)	22 (559)	26.6 (676)	26.5 (673)	26.5 (673)
<b>Outside Diameter in (mm)</b>	10.2 (260)	14.5 (368)	18.2 (462)	18.2 (462)	20.0 (508)	20.0 (508)
<b>Canister Height in (mm)</b>	11 (279)	11 (279)	11 (279)	11 (279)	11 (279)	11 (279)
<b>Canister Diameter in (mm)</b>	1.65 (41)	1.65 (42)	3.09 (78)	2.81 (72)	4.00 (101)	2.81 (72)