

LOW FORM DEWARs

Pope Low Form Shallow Dewars permit essential operations not practical with standard cylindrical or spherical Dewars. These operations include:

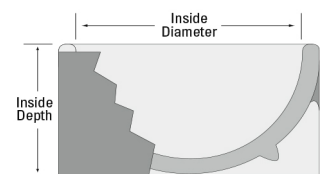
- Rapid freezing and recovery of tissue/organ specimens
- Insertion of small flasks in Dewar
- Agitation in flask with magnetic stirrer
- Tempering of stirring rods, pestles and other small objects

The protective aluminum bases on both styles extend the full height of the Dewars. Note that protected vacuum tip-off tubulations are offset to the side to minimize space between the Dewar bottoms and magnetic stirrers. The hemispherical line has been expanded to provide additional Dewars to fit larger flask sizes.

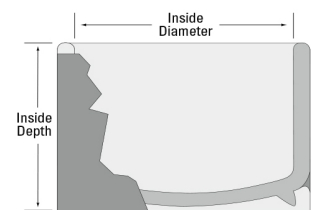
Pope Scientific uses the same technical knowledge, fabrication skill and quality control in producing these Low Form Shallow Dewars – that’s made Pope Number One in glass Dewar manufacture.

Economies in coolant use will be realized in all operations where Pope Low Form Shallow Dewars are more practical. Cooling range from dry ice/acetone to liquid nitrogen.

Pope Low Form Shallow Dewars are available in several sizes and two configurations, hemispherical and cylindrical (with semi-flat bottom). The cylindrical configuration increases coolant capacity.



Hemispherical



Cylindrical

| PART # | Dewar Description | Type | Model | Protective Covering | ID (mm) | Inside Depth (mm) | OD* mm | Total Height (mm) | Flask ml | Stopper |
|--------|-------------------|---------------|----------|---------------------|---------|-------------------|--------|-------------------|----------|---------|
| 8110 | 150 ml Full Base | Hemispherical | Low Form | Full Aluminum | 80 | 40 | 106 | 66 | 100 | N/A |
| 8120 | 275 ml Full Base | Hemispherical | Low Form | Full Aluminum | 100 | 55 | 132 | 75 | 250 | N/A |
| 8130 | 600 ml Full Base | Hemispherical | Low Form | Full Aluminum | 140 | 65 | 165 | 95 | 500 | N/A |
| 8140 | 1000 ml Full Base | Hemispherical | Low Form | Full Aluminum | 160 | 88 | 186 | 119 | 1000 | N/A |
| 8150 | 2000 ml Full Base | Hemispherical | Low Form | Full Aluminum | 194 | 110 | 240 | 133 | 2000 | N/A |
| 8305 | 220 ml Full Base | Cylindrical | Low Form | Full Aluminum | 65 | 65 | 87 | 93 | 75 | N/A |
| 8315 | 150 ml Full Base | Cylindrical | Low Form | Full Aluminum | 80 | 35 | 101 | 66 | 100 | N/A |
| 8325 | 350 ml Full Base | Cylindrical | Low Form | Full Aluminum | 80 | 75 | 101 | 117 | 100 | N/A |
| 8335 | 850 ml Full Base | Cylindrical | Low Form | Full Aluminum | 130 | 75 | 160 | 110 | 500 | N/A |
| 8345 | 2500 ml Full Base | Cylindrical | Low Form | Full Aluminum | 170 | 135 | 210 | 185 | 1000 | N/A |

* Does not take in account the seam at back of Dewar