

Tank Breather Selection Guide

The data shown below should be used to assist in the selection of the most suitable Tank Desiccant Breather unit for a particular application.

1. Select a model which has a flow rate greater than the maximum filling rate or the maximum discharge rate of the pump that empties the tank.
2. Determine the period of time (usually in months) you wish to allow changes of desiccant in the Tank Desiccant Breather. Calculate the volume of liquid which will be drawn from the tank during that period. Select a model that will give you a capacity greater than the calculated volume.
3. The correct unit to use will be the larger of the models from the results of 1 and 2 above.

MODEL		705	710	715	720	730
Maximum Filling or Emptying Rate	m ³ /hr	24.6	28.9	62.9	114	250
	liters/min	410	480	1,048	1,897	4,136
	c.f.m	14.5	17	37	67	147
	imp. gal/min	90	206	230	417	916
	US gal/min	108	247	276	501	1,100
Maximum Fluid Capacity Related to to Desiccant Content	m ³	9	55	125	225	500
	liters	9,000	55,000	125,000	225,000	500,000
	ft ³	318	1,975	4,431	7,930	17,658
	imp. gal	1,981	12,297	27,593	49,387	109,972
	US gal	2,379	14,768	33,138	59,311	132,071

The maximum flow rate will give a pressure drop of approximately 3" water gauge (5.61 mm Hg) across the dryer.

The above figures are based on use in a temperate climate. Please consult our technical staff for guidance on the use of these units in tropical or unusual locations.