

EVX-96 Apricot Evaporex™ Solvent Evaporator

	<p>Specifications:</p> <ul style="list-style-type: none"> • Power Supply: 110/220V AC, 50/60Hz • Power Consumption: 405 W Nominal • Fuse Rating: 5A Fast Blow • Dimensions: 9.52"W x 15.72"H x 12.05"D (242mm W x 400mm H x 306mm D) • Weight: 25lbs (11.36Kg) • Inlet Gas connection: 1/4" I.D.Hose • Inlet Gas Pressure: Minimum 15psi, Maximum 50psi • Minimum Operation Flow Rate: 25 Liters Per Minute (LPM) • Maximum Operation Flow Rate: 60 Liters Per Minute (LPM) • Maximum Operating Gas Temperature: 60C (Upper Head) 80C (Lower Head)
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The Evaporex™ has two needle assemblies, each consists of 96 individual stainless steel needles that evenly distribute heated gas into the microplates from both the top and bottom.

The lower platform can be adjusted to any height from the upper needle assembly, allowing the needles to come in close proximity to - without actually touching - the sample. This feature minimizes drying time and enables the user to develop methods utilizing a variety of plate sizes and sample volumes.

Features & Benefits

Feature	Benefit
Fast	<ul style="list-style-type: none"> • simultaneous upper and lower gas heating mechanism concentrates samples up to five times faster than other techniques
Compact	<ul style="list-style-type: none"> • fits under any hood or micro- ventilation system
Flexible	<ul style="list-style-type: none"> • user-adjustable flow rates and gas temperatures
Convenient	<ul style="list-style-type: none"> • both upper and lower assemblies are easily removable for quick and simple cleaning

Sample Dry Down Times (in minutes)

Solvents	*500 ul /40C	**1 ml /40C	500 ul /60C	1 ml /60C
Methanol	14	28	11	20
Isopropanol	16.5	26	11.5	16.5

* 500 ul volumes used in a 1 ml collection plate

** 1 ml volumes used in a 2 ml collection plate

Bottom unit is set 20oC above top unit temperature in order to compensate for heat lost through the collection plate



Designs that make sense

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