



delivering solutions

- Fast.  
Simultaneous upper and lower gas heating mechanism concentrates samples up to five times faster than other techniques. The Xev-192 can help to eliminate bottle necks in high throughput screening.
- Compact.  
The Xev-96 and Xev-192 can fit under any hood or micro-ventilation system.
- Flexible.  
Flow rates and gas temperatures can be adjusted by the user.
- Convenient.  
Both upper and lower assemblies are easily removed for quick and simple cleaning

# Solvent Evaporators

The Xev-96 and Xev-192 have two needle assemblies, each consists of either 96 (Xev-96) or 192 (Xev-192) 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. This allows the needles to come in close proximity to the sample, without actually touching. This feature minimises drying time and enables the user to develop methods which use a variety of plate sizes and sample volumes.

## SAMPLE DRY DOWN TIMES (in minutes)

Solvents	*500 ul /40°C	**1 ml /40°C	500 ul / 60°C	1 ml / 60°C
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 20°C above top unit temperature in order to compensate for heat lost through the collection plate

## SPECIFICATIONS

Power Supply	110/220V AC, 50/60Hz
Power Consumption	405 W Nominal
Fuse Rating	5A Fast Blow (xev-96) 6.5 Fast Blow (xev-192)
Dimensions	242mm W x 400mm H x 306mm D (xev-96) 254mm W x 394mm H x 381mm D (xev-192)
Weight	11.36Kg (xev-96) 13.9Kg (xev-192)
Inlet Gas connection	6mm Hose
Inlet Gas Pressure	Minimum 15psi, Maximum 50psi (xev-96) Minimum 15psi, Maximum 65psi (xev-192)
Minimum Operation Flow Rate	25 Liters Per Minute (LPM)
Maximum Operation Flow Rate	60 Liters Per Minute (xev-96) 60 Liters Per Minute (xev-192)
Maximum Operating Gas Temperature	60°C (Upper Head) 80°C (Lower Head)

FluidX reserve the right to update and change product information without notice.

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