



ZR12-AL

Water Based Smoke Machine

The ZR12 cuts no corners in functionality to generate high smoke output.



The ZR12 AL is a mid-sized portable smoke machine with enhanced output providing a continuous flow of dry, dense smoke.

The ZR12 AL is the result of classic design principles. Electronic pump ramping provides continuous and even smoke output. Soft start electronics gives a low level of operating noise, ideal for TV and theatre environments. Overheat protection is provided by the Direct Thermal Protection device. Output has been enhanced through a 1000W vaporizing chamber and unlike other

machines of its size, the ZR12 AL is extremely quick to heat-up meaning greater control of smoke when you want it.

The unique "8x Mode" expands the time capability of the standard timer settings by multiples of 8, far beyond those normally found on smoke machine remotes. This makes the ZR12 AL the ideal choice for a wide variety of applications including DJs, musicians, rental companies, TV studios, small clubs and theatres. And uniquely for a machine of its class, multiple machines can be linked and operated from the multifunctional remote control. Auto timer and smoke level controls are available as well.

- Continuous output
- Approx. 500m³ smoke output (17,657 cubic feet/min)
- Multifunctional remote control (5m)
- Run time and delay time controls
- Output level control
- 1000w heater
- 7 minute heat up time
- Analogue link socket
- 2.5 litre fluid container
- Direct thermal protection



Specifications	
Power Requirements:	4.8A @ 220-240v 9.5A @ 110v
Dimensions:	500mm x 225mm x 165mm
Weight:	11kg
Fluid consumption (at max. output):	75ml/min



Features



DIRECT THERMAL PROTECTION DEVICE (DTPD)

This small yet crucial component is the last line of defence against catastrophic failure. The ZR12's DTPD is made from a solid ceramic composite. This guarantees extremely precise overheat monitoring and is unaffected by ambient temperature changes.

Electronic Pump Ramping (EPR)

EPR is an intelligent means of warning of a drop in temperature which could result in 'wet smoke' (residue). The pumps respond to this signal by running slower and pumping less fluid, thus allowing the heaters to restore optimum operational temperature. This guarantees a continuous flow of smoke using highly efficient, lower wattage heaters.

Soft Start Electronics

The 'crack' created during the initial burst of smoke is caused by the pump pressure overcoming the incredible back pressure of the heat exchanger. The ZR12's unique Soft Start Electronics gradually powers the pump, eliminating this crack and ensuring a quieter and smoother operational level following initial start up.

Multifunctional Remote

This reliable remote offers more than the usual auto timer and smoke level output controls. Easily engaged, the timer gives complete adjustment for both 'Fog On' and 'Fog Delay' modes. These timer functions can be expanded even further by engaging the unique '8X Mode' which multiplies the selected timer setting by eight.

On-Board Remote System

Greatly appreciated by rental companies, this hand-held remote can be stored during transit on-board the machine, making it easy to find at show time and eliminating transit vulnerability. But storage isn't the only advantage. Portability is greatly enhanced by having on board controls.

Analogue Link

Whether you've run out of DMX channels or simply want to link two smoke/haze machines together and operate them from a single remote, the analogue link facility is the solution. This feature even allows multi-machine connection, making operation a simple one-finger action.

On-board Fluid Container

The ZR12 is designed to carry a 2.5 litre removable fluid container, which makes for quicker refills and protects the machine from damage through spillage in transit.

Heat Exchangers

The ZR12's 750W heat exchanger is designed for high efficiency performance. Only the purest grade LM24 aluminium is used in the production process which eliminates the risk of porosity (pockets of gas within the casting which can cause heater failure). All heat exchangers contain cuprous helicoils of at least 2.8 metres in length, ensuring a continuous flow of pure, dry, white smoke.

Available for 230v power supply

Accessories:

- Ducting kit (includes adaptor and 5 metres ducting)
- Replacement remote

Delivery to United Kingdom as standard

ALSO AVAILABLE: The ZR12 DMX

The ZR12-DMX uses a single channel of DMX as a variable output control. The ZR12 DMX includes all the same features as the ZR12 AL yet has added DMX input via a specially designed on-board interface for extra flexibility and control. Now the ZR12 can be programmed into any DMX controller and easily incorporated into the light show design. Additionally the DMX interface features a test fire button that enables operation without the DMX connection as well.

Available direct from Pea Soup Smoke Machines
www.smokemachines.NET Tel. +44 (0)1642 769952
Watch a video of the ZR12 in action on our website
and buy online with secure ordering