

Monsoon Spectrum/Atom

PRODUCT SPECIFICATION SHEET



DESCRIPTION

- **all-weather protection**
- **durable tough construction with aperture heating element**
- **suitable for KVANT Atom and Spectrum series lasers**

Monsoon from KVANT is a robust and durable enclosure that will protect your delicate equipment, such as laser projectors, against harsh weather conditions, extreme temperatures and high humidity. Structurally, it is very tough in all directions.

Its galvanised steel construction makes it suitable for permanent indoor & outdoor installations in almost any climate and environment. Monsoon's certified IP65 design, automatic temperature control management and quality air filters ensure protection against heat, cold, rain, snow, sand and dust.

Monsoon is available with or without an external AC unit [in stock from 5/2021].

If you plan to use Monsoon in an environment with temperatures exceeding 35 °C, please make sure to choose the AC option.

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SPECIFICATIONS

Product name:	KVANT Monsoon Spectrum/Atom
Ingress protection rating:	IP65 [Certified]
Operation temperature [°C]:	-20 to +35 [above 35° the optional AC unit is required - available 5/2021]
Housing colour:	RAL 9010 as standard, other RAL colours on request
Laser safety:	Laser Class 4 stickers
Size [mm]:	750 x 730 x 560 [WxHxD]
Shipping size [mm]:	1200 x 930 x 800 [WxHxD]
Weight [kg] - enclosure:	33.5
Weight [kg] - mounting bracket:	30.5
Shipping weight [kg]:	100
Supplied accessories:	AC power cable, 3-pin XLR remote cable, Ethernet cable, 17/19mm spanner, mounting bracket
Supplied spare parts:	Air-filter
Available spare parts:	Aperture AR glass, air-filter
Supplied cable length:	10 metres
Casing construction:	Two-ply with 30-50mm inner insulation foam
Aperture size [mm]:	130 x 80, 4mm thick AR glass
Aperture heating:	Internal; regulated with a thermostat
Aperture protection:	Top-side aperture overlap
Ventilation:	3 cooling fans, each 220m ³ /h; 71dBA
Airflow outlet:	Front-side, below the output aperture
Air-conditioning:	External AC unit - available from 5/2021
Power requirements [V] Input:	100-230/50-60Hz
Max. power consumption [VA]:	340
Electrical safety:	1x RCD, 1x circuit-breaker
Maximum tilt [degrees]:	50 on both axes
Inside equipment fixings:	Rubber-feet slots, ratchet strap
Carrying handles:	2 heavy-duty handles, one on each side
Access restriction:	Lid lockable with 2 locks with hatches
Production schedule:	4-5 weeks