

PRODUCT SPECIFICATION SHEET



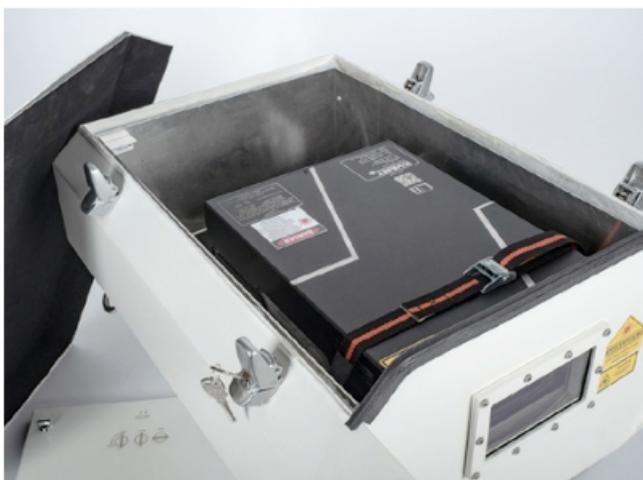
MONSOON

For Clubmax series

KVANT[®]

Introduction

Monsoon from KVANT is a robust and durable enclosure that will protect your equipment, such as laser and video projectors, against harsh weather conditions, extreme temperatures and high humidity. Its galvanised steel construction makes it suitable for permanent indoor & outdoor installations in almost any climate and environment. Monsoon's IP65 design, automatic temperature control management and quality air filters ensure protection against heat, cold, rain, snow, sand and dust.



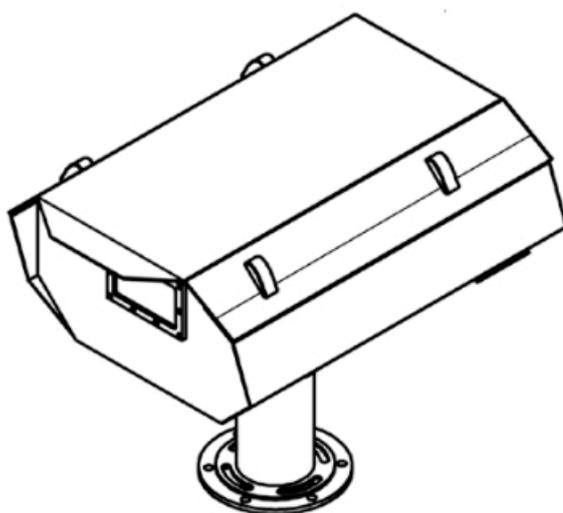
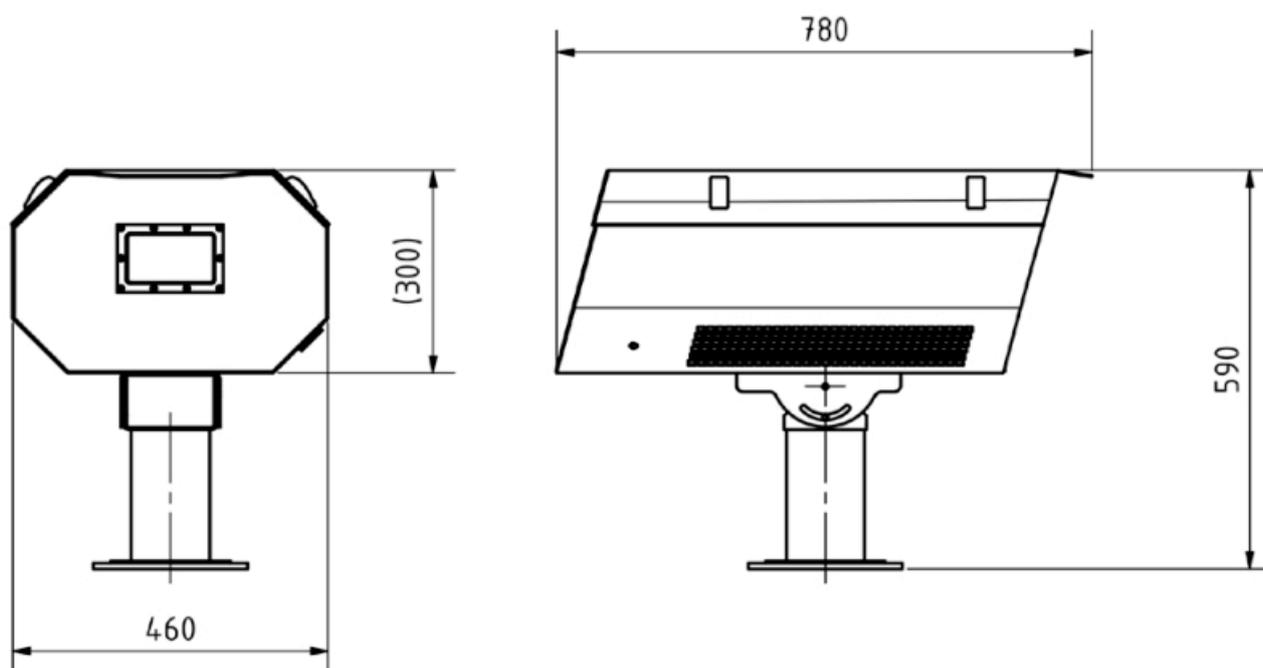
Description

Monsoon Clubmax is suitable for all Clubmax series systems (2-15 Watts), and some other Kvant laser projectors such as Maxim and Burstberry - get in touch with us for more information.

Main Features:

- Robust double-wall construction with a thick layer of quality insulation offers excellent performance. But for those places with extremely high temperatures, there's also a version with air-conditioning module available.
- The fully automatic temperature control management ensures that protected equipment runs in ideal conditions and extends its life span.
- Galvanised steel construction makes Monsoon suitable for permanent indoor & outdoor installations in almost any climate and environment.
- A smooth front panel with sunk aperture glass and an internal heating element around the aperture prevents the snow and ice from getting stuck at the output window and eliminates the inside dew.
- Supplied cables are 10m long, but can be ordered in different lengths.
- Monsoon is IP65 certified, robust and made to last.

Technical drawings

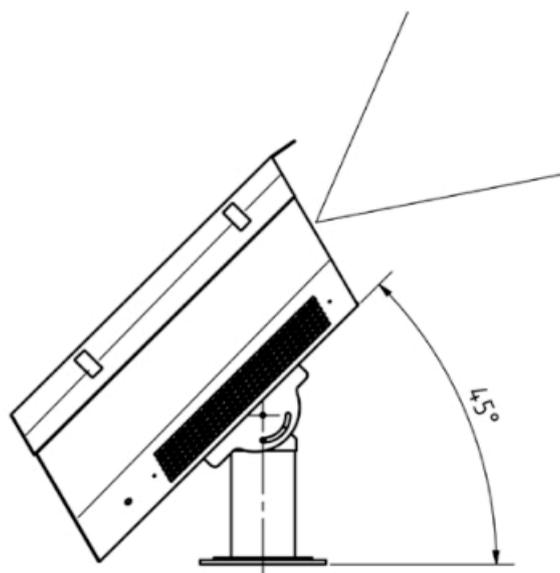


Monsoon Clubmax

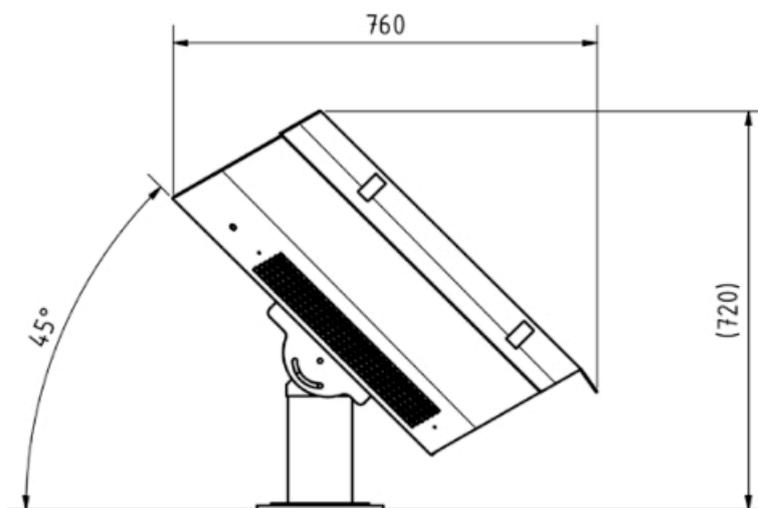
Ingress protection rating:	IP65 [Certification in progress]
Operation temperature [°C]:	-20 to 40
Housing colour:	RAL 9010 as standard, other RAL colours on request
Laser safety:	Laser Class 4 stickers
Size [mm]:	780 x 590 x 460 [WxHxD]
Shipping size [mm]:	1200 x 930 x 800 [WxHxD]
Weight [kg] - enclosure:	20
Weight [kg] - mounting bracket:	5
Shipping weight [kg]:	40*
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]:	134 x 79, 4mm thick AR glass
Aperture heating:	Internal; regulated with a thermostat
Aperture protection:	Top-side aperture overlap
Ventilation:	3 cooling fans (3-6 pcs depending on the laser used), each 220m ³ /h; 71dBA
Airflow outlet:	Front-side, below the output aperture
Air-conditioning:	External AC unit - [development in progress]
Power requirements [V] Input:	100-230/50-60Hz
Max. power consumption [VA]:	340
Electrical safety:	1x RCD, 1x circuit-breaker
Maximum tilt [degrees]:	45 on both axes, secured with 4xM10 bolts with safety nuts
Inside equipment fixings:	Rubber-feet slots, ratchet strap
Access restriction:	Lid lockable with 2 locks with hatches
Production schedule:	4-5 weeks
Used materials	Al [housing], galvanized-steel [bracket]
Safety eyelet	Located at the rear of the unit

* Can vary slightly upon packaging materials

Positioning



A - UPWARD PROJECTION



B - DOWNWARD PROJECTION

Features



Item Checklist

Before starting, check that all the following items have been include. If anything is missing, contact your supplier.

Item	Number of units	Description
	1	Monsoon Clubmax outdoor housing box
	2	Set of Lock Keys
	1	Fork wrench size 17 and 19
	1	User manual USB drive
	1	Wooden case