

PRODUCT SPECIFICATION SHEET



MONSOON CLUBMAX

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.



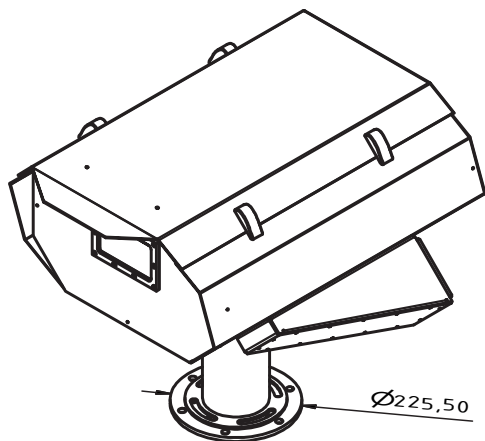
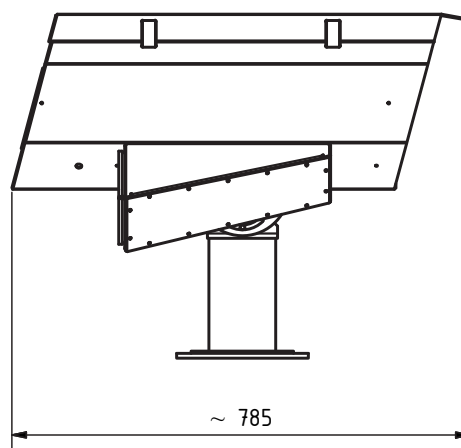
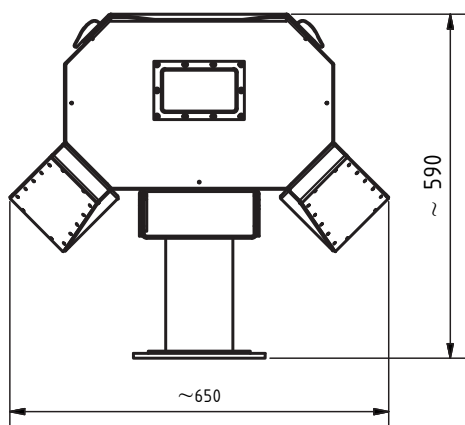
DESCRIPTION

The system is designed to work as a permanent outdoor and indoor protection enclosure and can be assembled into virtually any climate type. Excellent protection against dust, smoke, heat, cold are not the only features Kvant Monsoon has. The Monsoon for clubmax series can fit models from 2w - 15w. Other laser models on request.

Here are 11 Kvant Monsoon features to acknowledge:

- Materials being galvanized to protect them from corrosion
- Length of cables is 10m, but can be custom
- Robust steel construction with stable base rotation
- Air filter
- Heated front window
- Two layered skelet filled with isolation
- Doubled top casing
- Key lock
- Custom material colors
- Doublesided safety anchor
- Electrical grounding (grounding conductor)

TECHNICAL DRAWINGS



TECHNICAL SPECIFICATION

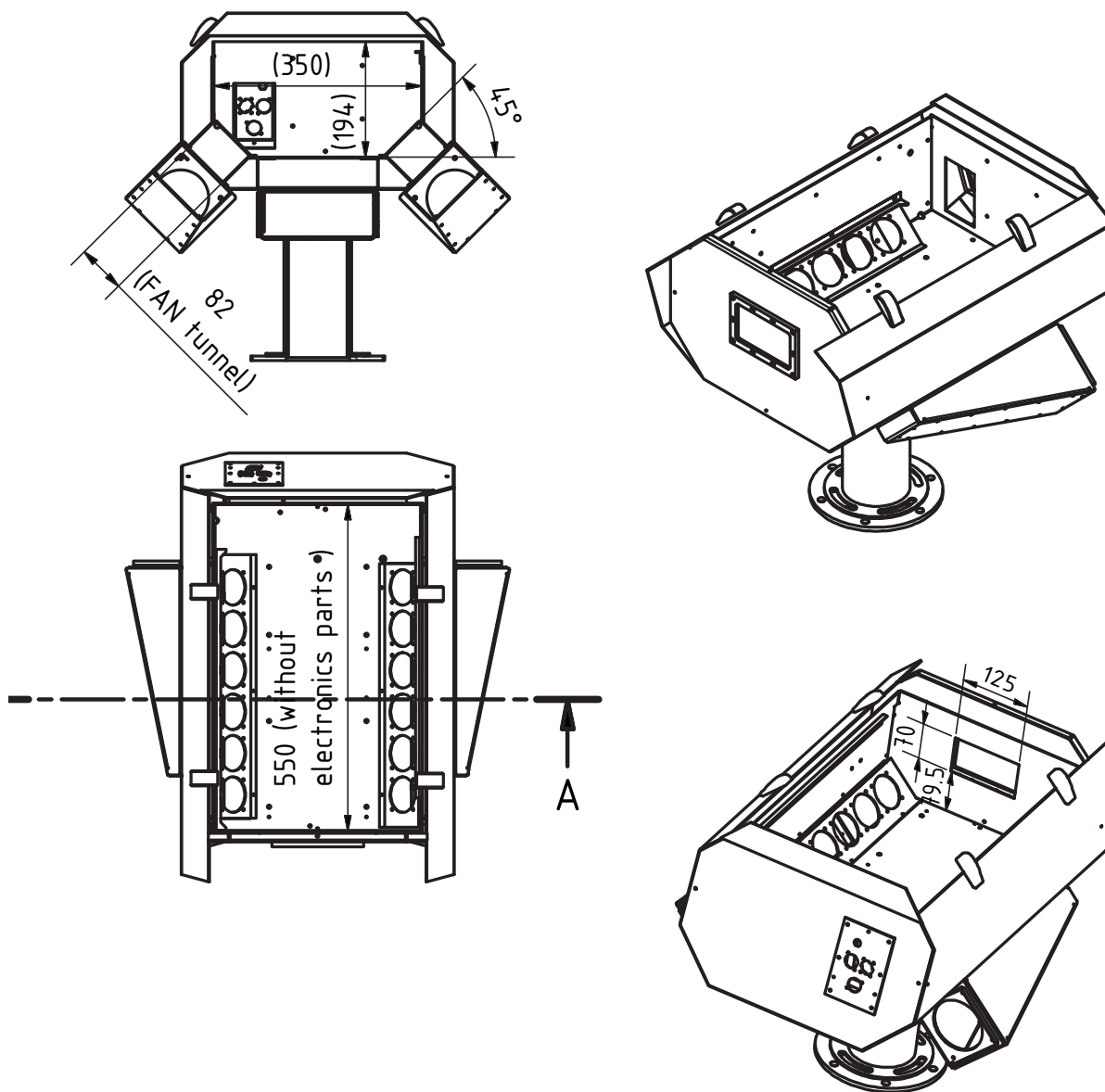
KVANT Monsoon

Ingress protection rating:	IP65 [pri použití vhodného filtra]
Operation temperature [°C]:	-20 to 30
Housing colour:	RAL 9010 as standard, other RAL colours on request
Laser safety:	Laser Class 4 stickers
Size [mm]:	460 x 590 x 780 [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, 17/19 mm 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 thermostat
Aperture protection:	Top-side aperture overlap
Ventilation:	12 cooling fans, (6 in; 6 out) each 68m ³ /h; 46dBA (4-7 pcs depending on the laser used)
Airflow outlet:	Front-side, below the output aperture
Air-conditioning:	External AC unit (available upon request) - enclosed circuit, therefore no fans or filters are used
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
Inside equipment fixings:	Rubber-feet slots, ratched strap
Access restriction:	Lid lockable with 2 locks with hatches
Production schedule:	4-5 weeks
Video manual	yes
User manual	yes
Units available	none, made to order only
Supplier	KovHorn
Used materials	Al [housing], galvanized-steel [bracket]
Safety eyelet	Located at the rear of the unit
Tilt safety	Secured with 4xM10 bolts with safety nuts

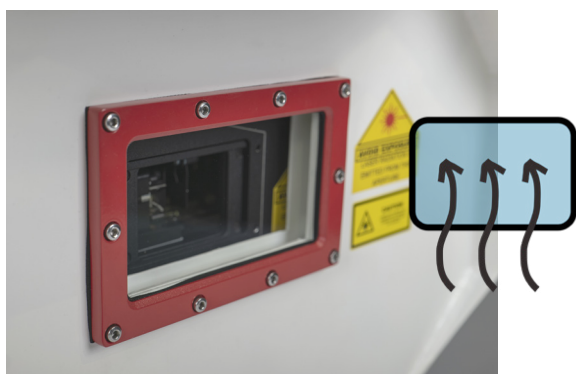
*The weight will change on new models

HANDLING

A-A (1 : 10)








FEATURES



ITEM CHECKLIST

Before starting, check that all the following items have been included with your laser system. If anything is missing, contact your supplier.

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

ITEM POSSIBILITIES

Monsoon box • Clubmax-Small



Monsoon box small



Lower base



Rain cover



Wooden case

Control electronics and fans

Monsoon box • Accessories



Air condition

Bracket

Colour change

Assembly / Disassembly

Monsoon box • Accessories



External Control 1



External Control
Pc+Camera



External Control 2



External mounting box



External Control 3

Monsoon box small • Spare parts

Filter Monsoon small

Antireflex Glass
Monsoon

Compatible lasers list

Clubmax 3000 FB4
Clubmax 6500 FB4
Clubmax 10 FB4
Clubmax 24 FB4
Clubmax 40 FB4