

Data Sheet: GROWMAT 710/ 710-H

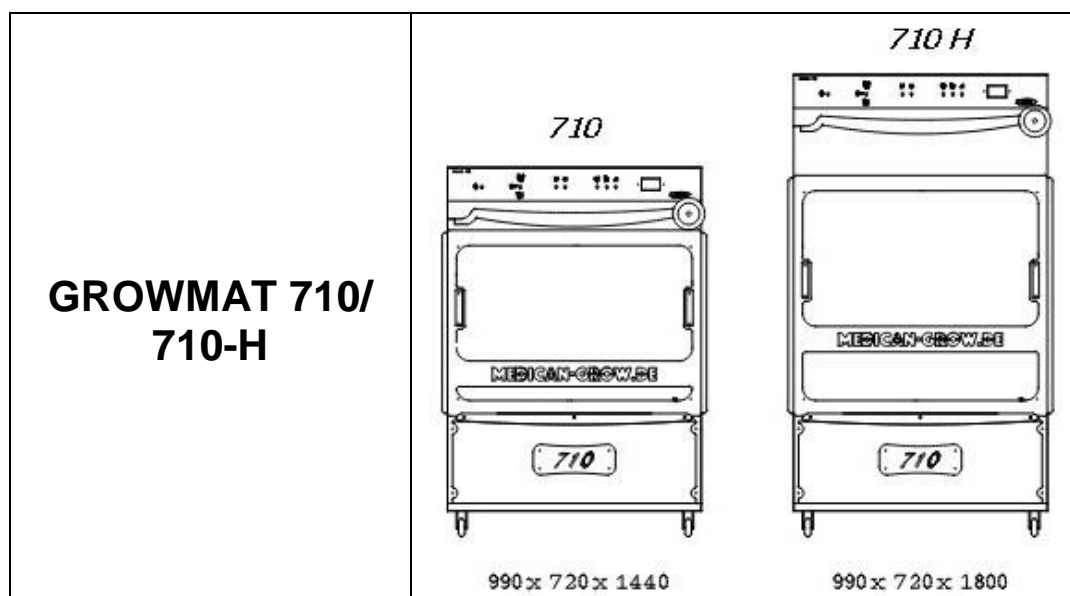
General Description:

The Growmat 710/ 710-H is a fully automatic greenhouse (growbox) for all kind of plants.

Features:

- Ebb and flow system
- Water tank with circulation pump and external water connector
- Height-adjustable SANLight LED-grow lights (3x SANLight S2W*)
- Additional bloom light (2x SANLight Flex 20*)
- Spraying system
- Two fans for physical stimulation and air-circulation
- Active carbon filter ventilation system
- Siemens Programmable Logic Controller (contains a basic program and is individually programmable)
- Aluminum and stainless steel lightweight basic structure and housing
- Over-heating protection
- Webbrowser
- CE-conform
- Two-year warranty period

Technical Data:



Typ	GM 710 / <i>GM 710-H</i>
Manufacturer	Medican GmbH
Dimension (L x W x H)	GM 710: 990 x 720 x 1440 mm <i>GM 710-H: 990 x 720 x 1800 mm</i>
Effective plant dimension (L x W x H)	GM 710: <i>approx. 980 x 710 x 740 mm</i> <i>GM 710-H: approx. 980 x 710 x 1100 mm</i>
Voltage	230V, 50-60 Hz
Lights* - Operating power consumption	3x SANLight S2W (each 62W) 2x SANLight Flex 20 (each 21W)
Lights* - Emission wavelength range	400-780 nm
Lights* - PPF total (photosynthetic photon flux)	601 $\mu\text{mol/s}$
Lights* - Power consumption (total)	228 W
Air flow	0...468 m ³ /h (infinitely adjustable)
Power consumption at full load	Approx. 250 W

*different lights on request.