



## 250 PPD DEHUMIDIFIER



No matter the external environment, all cultivation rooms need dehumidification. All water used on plants will end up in the air of the grow room eventually as plants don't actually consume water, just the nutrients found within. After nutrients are metabolized, water is then transpired back into the space. Excess moisture in the air results in slow plant growth and creates a breeding ground for mold and other pathogens.

To combat these issues, Surna designed a commercial-grade dehumidifier optimized for the indoor garden environment. Most efficient at 75-85°F, the Surna Dehumidifier is a powerhouse in the garden. In order to generate extra efficiencies, it also features drain-to-waste or water reclamation dehumidification, offering water savings for cultivators. The Surna Dehumidifier also includes remote dehumidistat for complete control and a filter for easy maintenance.

### FEATURES AND BENEFITS

#### **Efficient**

The Surna 250 PPD Dehumidifier efficiently removes moisture from your space at a fraction of the price. An easy to use condensate drain efficiently reclaims water pulled from the air, offering substantial water savings.

#### **Reliable**


The Surna 250 PPD Dehumidifier reliably removes moisture from the air at an affordable price point. Our staff is available to help you calculate your exact requirements to reach your humidity targets.

#### **Intelligent**

Surna has more experience in climate control for cannabis cultivation than anyone else. We have both the mechanical and industry knowledge to provide the right solution for every unique operation. In addition, all Surna equipment can be paired with any automation system to give you complete control.

## SPECIFICATIONS

<b>Item #</b>	<b>3-250</b>
Weight	132 lbs
Electrostatic Air Filter	11.69" x 22.25" x 1"
<b>Operating Characteristics</b>	
Nominal Compressor Capacity	25,000 BTU/hr
Nominal Dehumidification	250pts/day
Operating Humidity Range	45% < RH < 95%
Fan Airflow	523 CFM
<b>Electrical Data</b>	
Voltage / Phase	208/230 Single Phase
Nominal Current Draw	12.8A/ 12.0A
Maximum Overcurrent	20A
Power Factor	0.99
Fan Motor	150W
<b>Condensate Connection</b>	
Drain	3/4" NPT
<b>Cooling System</b>	
Refrigerant Type	R410A

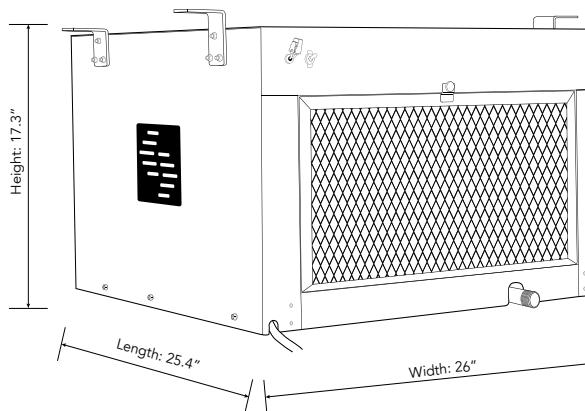
NOTE: This unit includes 6 foot power cord with the plug type NEMA 6-20P. Do not use an extension cord. 

## WATER REMOVAL RATE\*

<b>Environment</b>	<b>80°F / 60% RH</b>
Pints per Day	250
<b>Environment</b>	<b>75°F / 50% RH</b>
Pints per Day	192

\*Verified by third party testing

## DIMENSIONAL DRAWINGS



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