

MTPS Series with Flex Option

MULTI-CONFIGURABLE PLANT GROWTH ROOM

Adaptable to a Range of Research Programs



With the Flex option, adapt to a range of plant heights, lighting intensities and airflow to suit research requirements

TEMPERATURE

- +10°C to +35°C Lights OFF
- +15°C to +35°C Lights ON

REFRIGERATION

- Self-contained water-cooled condensing unit

MAINTENANCE

- Easy access to refrigeration and humidification equipment through partially open top and removable upper front fascia panel

HUMIDITY

- Optional additive humidity
- Up to 70%RH*
- Control accuracy: $\pm 3\%$ *

GROWTH HEIGHTS

- One tier: 73½" (1865 mm)
- Two tiers: 36" (914 mm)
- Three tiers: 20" (510 mm)

ACCESS

- Clear opening door with inside safety release latch and cam-type self-closing hinges.
- Door has positive closer device, thermal plastic gasket with magnetic core, and door stop

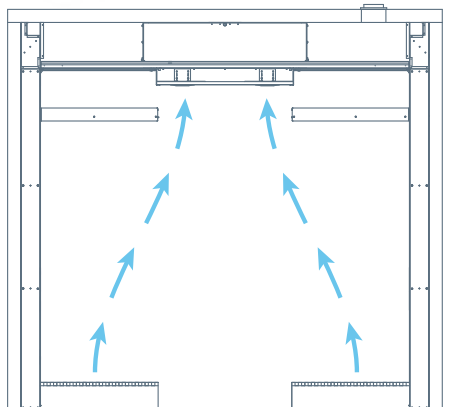
LIGHTING

- Fluorescent lighting up to:
 - » **One tier:** 1000 $\mu\text{mol}/\text{m}^2/\text{s}$
 - » **Two tier:** 700 $\mu\text{mol}/\text{m}^2/\text{s}$ per tier
 - » **Three tier:** 500 $\mu\text{mol}/\text{m}^2/\text{s}$ per tier

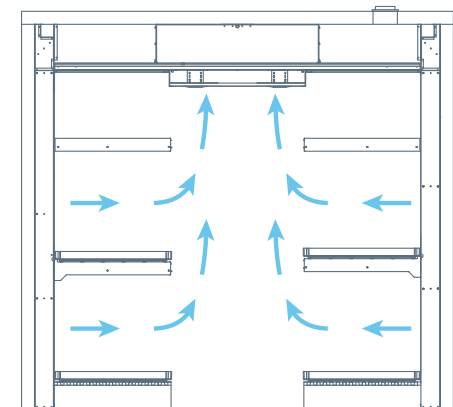


AIRFLOW

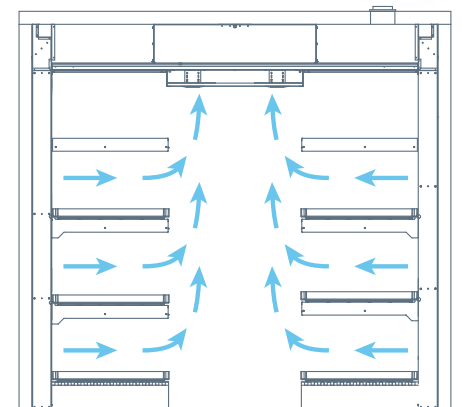
Adjusts with a simple flip of a switch



SINGLE TIER
UPWARD or HORIZONTAL AIRFLOW
(Upward Shown)



TWO TIER
HORIZONTAL AIRFLOW



THREE TIER
HORIZONTAL AIRFLOW

*Consult factory for details