

# GOPONIC®

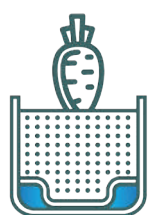
Patented product

## MULTIFUNCTION CULTURE CHANNEL

Distributed by **SVL IRRIGATION**

## OFF-GROUND CULTURE CHANNEL

6 in 1



BULK SUBSTRATES



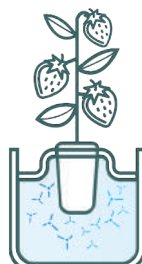
POT SUBSTRATES



BAGGED SUBSTRATES



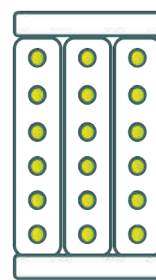
NFT



AEROPONY



AQUAPONIA

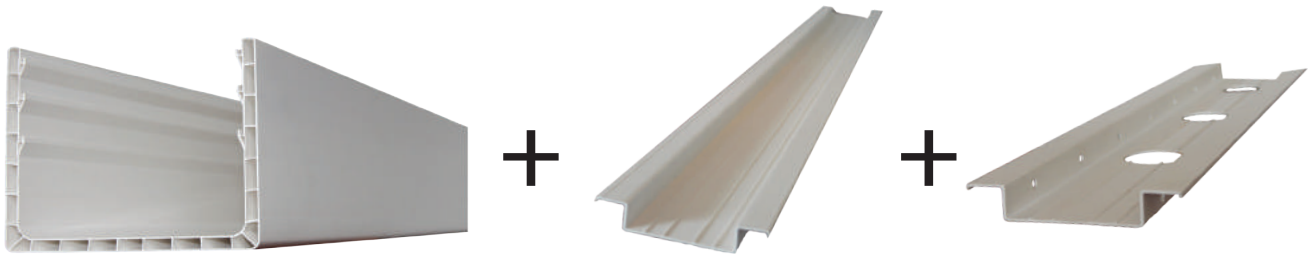


VERTICAL CULTURE

Rewarded by

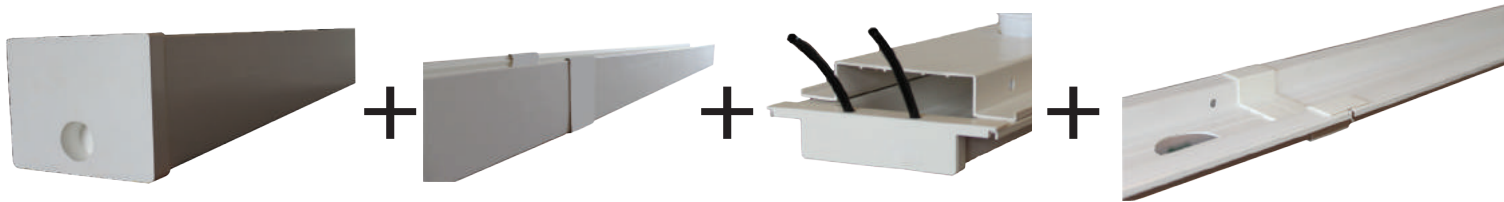


GOPONIC is a patented culture channel combined with two PVC profiles.  
It allows any type of off-ground culture system.



MAIN CULTURE CANAL

SECONDARY CULTURE CANALS



CONNECTION KIT



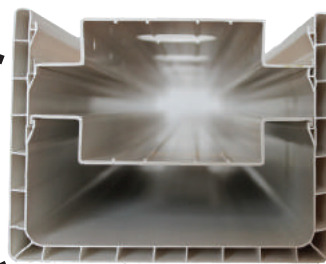
Isothermal support  
for bulk substrates



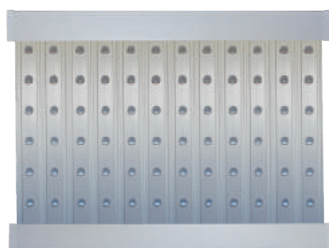
Isothermal support  
for bagged substrates



Isothermal support  
for NFT



Isothermal support  
for pot substrates



Isothermal support  
for vertical culture

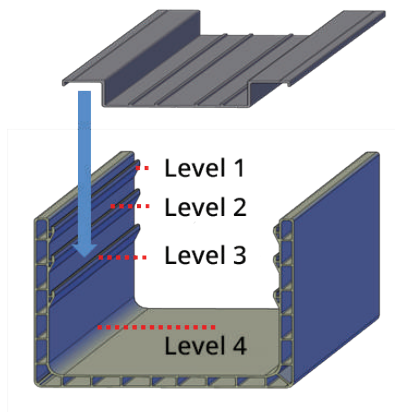


Isothermal support  
for aeropony

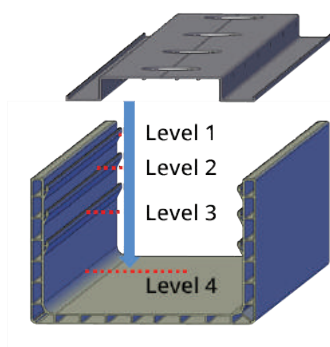




## ISOTHERMAL SUPPORT FOR BAGGED SUBSTRATES



## ISOTHERMAL SUPPORT FOR BULK SUBSTRATES



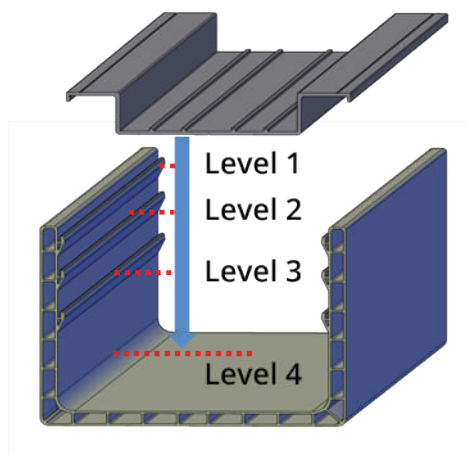
- The double isothermal wall allows a GOPONIC channel outlet temperature **lower than 5°C** compared to a standard culture channel.



Temperatures of the solutions at the channels outlet at midday / Tests by the University of New Caledonia / 2017

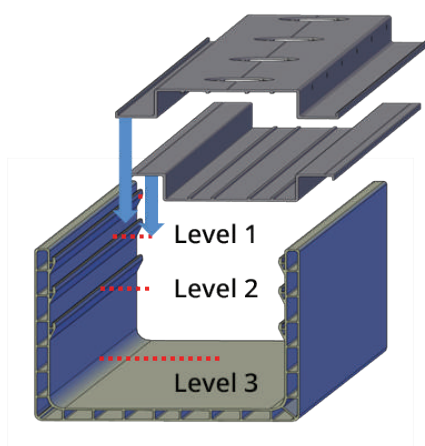


## ISOTHERMAL SUPPORT FOR POT SUBSTRATES

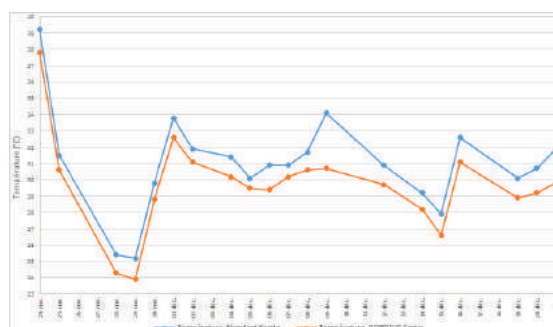




## ISOTHERMAL SUPPORT FOR NFT CULTURE



GOPONIC channel outlet temperatures are 3 to 4°C lower than a standard NFT channel.  
GOPONIC channel lengths up to 50m are possible (compared to 12 to 18 m for a standard NFT channel) thanks to the use of plugs for simple profiles.



Temperatures of the solutions at the channels outlet at midday / Tests by the University of New Caledonia / 2016



## STANDARD NFT SUPPORT

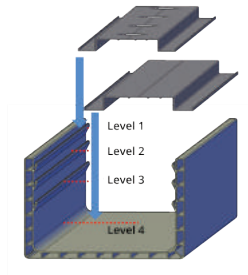




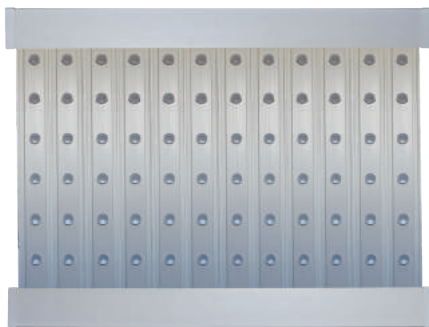
## ISOTHERMAL SUPPORT FOR AQUAPONIC CULTURE



## ISOTHERMAL SUPPORT FOR AEROPONIC CULTURE



## TYPES OF SUPPORTS

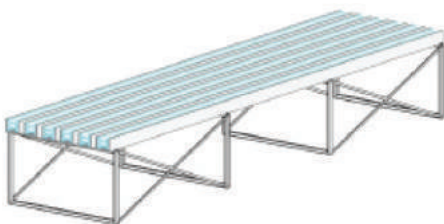


IN AEROPONY TOWER

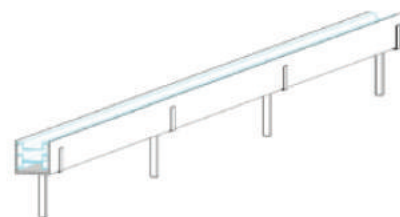
OR









IN NFT TOWER



OFF-GROUND CULTURE TABLES



OFF-GROUND MONO LINES CULTURE

DESCRIPTION	ELEMENTS OF THE GOPONIC CHANNEL	COMMERCIAL REFERENCES
<b>THE MAIN CULTURE CANAL</b> PVC double wall 1.30 mm alveolar Internal width : 160 mm Internal height : 140 mm Thickness double wall : 10 mm Extruded in length from 2 m or 6 m		GP
<b>SECONDARY CULTURE CANAL</b> PVC simple wall 2 mm with grooved bottom Total width : 160 mm Bottom width : 100 mm Side height : 25 mm Extruded in length from 1.90 m to 5.90 m	<div>UNPERFORATED</div> <div>PERFORATED</div> 	GS-NP GS-P
<b>MAIN CANAL END PLUG</b> Injected PVC thickness 2 mm Fastening by bonding Secable outlet bonding sleeve female diam interior 40 mm		B-GP
<b>MAIN CANAL JUNCTION</b> Injected PVC thickness 2 mm Fastening by bonding		J-GP
<b>SECONDARY END PLUG</b> Injected PVC thickness 2 mm Fastening by bonding 2 entrances tubing diam 8 mm		B-GS
<b>SECONDARY CANAL JUNCTION</b> Injected PVC thickness 2 mm Fastening by bonding		J-GS

## DISTRIBUTOR



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