

PANIE®

High Efficiency Dehumidifier



By:  *Panasia Engineers Pvt. Ltd.*



About *Panasia Engineers Pvt. Ltd.*

We are known for innovative designs in HVAC&R

We also have many designs related to green technology like “Structure Cooling”


All of our products performs with high energy efficiency

We provide user specific designs to suit all the clients needs

Our systems achieve a highly controlled environment within control specifications

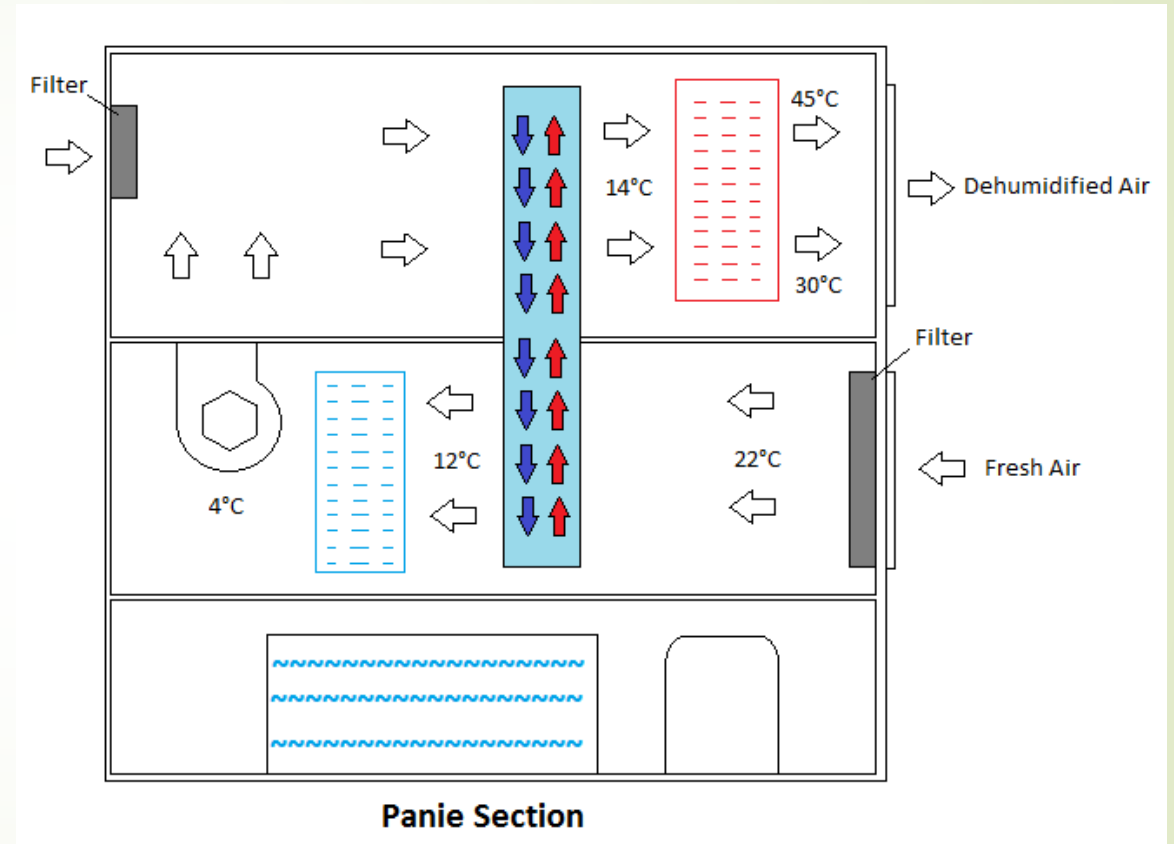


PANIE[®]

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- An industrial grade Dehumidifier
 - At least 25% more energy efficient
 - Patented Dual pressure evaporator technology
 - Full stainless steel body conforming to GMP standards
 - Stand alone unit
 - Built in water tank and auto draining feature

Working

- 22°C room air entering unit transfers heat to supply air, which is chilled to 4°C by the cooling coil.
- Thus room air cools to about 12°C and supply air heats to 14°C during counter current heat exchange.
- The cooling coil is designed to take pre-cooled air and chill to 4°C dew point.
- This air goes through heat exchanger and condenser coil and comes out at 45°C and 4°C dew point.
- The relative humidity is only 8%-10%.



Technical Specifications

	0.75TR Capacity	1TR Capacity	1.5TR Capacity
Moisture Removal Capacity at 30°C and 90% RH	2.0Ltr/hour (48Ltr/day)	3.0Ltr/hour (72Ltr/day)	4.0Ltr/hour(96Ltr/day)
Air Quantity	300 CFM	300 CFM	600 CFM
Power Consumed	0.8 KW	1.4 KW	2.1 KW
Dimensions (W X D X H)	21" X 21" X 34"	21" X 21" X34"	26" X 26" X 42"
Filtration	20 Micron	20 Micron	20 Micron
Compressor	Emerson/ Copeland	Reciprocating-sealed Emerson	Emerson

- **PARIE** can be manufactured in larger capacities as well if required.

Top Clients



IPCA
Laboratories



MYLAN®

Mylan



SANOFI

Sanofi



Godrej &
Boyce



LUPIN

Lupin
Limited

...and many more !