

Sangawar Pneumatics

We remove the unwanted

## SANGAWAR HEATLESS DEHUMIDIFIER

## With Breakthrough Patented Technology of Heatless Regeneration



## **TECHNOLOGY**

## **Conventional**

So far you have seen conventional method of silica gel rotating bed regenerated by hot air, which is causing rise in room Temperature by 12-15° C. This added rise in temperature increases the burden on Air Conditioning System. Resulting in higher capacity installation cost, higher Electricity consumption. Higher operating cost, low performance.

## Breakthrough

SANGAWAR HEATLESS DEHUMIDIFIER is designed on vacuum regeneration using special Patented adsorbent desiccant, Dehumidification is done without change in room Temperature. This gives advantage over present conventional method.

Moisture is the harmful element in Food, Pharmaceutical, Chemical, Electronics & many such Industries. It is essential to install the Dehumidifier to control the Moisture.

We have pleasure in introducing **SANGAWAR HEATLESS DEHUMIDIFIER** State of Art Patented Technology in Heatless Regeneration. Suitable for the World's all application.

## **FEATURES**

- C Wide range of capacity to suite your requirement
- C Heatless regeneration dose not increase the Room Temperature
- C Energy saving
- Low operative cost
- C Quick & effective
- 2 Protects the product during Process and increases the life
- Compact in size
- System can be coupled with Heating or Refrigeration system
- C Trouble free and Reliable
- Cost competitive
- 🖸 Indigenous

#### BLOWER

SANGAWAR

# CHANGE OVER MECHANISM DESICCANT TOWERS

## Sangawar Pneumatics

B-115, Kalika Darshan, Parulekar Marg, Opp. Bhavani Shankar Road, Dadar (West), Mumbai - 400 028. INDIA. Tel. No.: 91-022-4221603

#### Sangawar Dehumidifier is designed for

- C Pharmaceutical Industries
- C Food Industries
- C Chemical Industries
- C Plastic Industries
- C Powder manufacturing Industries
- C Electronics Industries
- C D, Computer Components manufacturing Industries
- Capsule & Capsulation Industries
- C Hopper Dryer for plastic granules

## **OPERATION**

In this system two towers are filled with Patented desiccant. When 1<sup>st</sup> tower is drying the air 2<sup>nd</sup> tower is vacuum regenerated. After 50 sec 1<sup>st</sup> tower is changed to regeneration & 2<sup>nd</sup> Drying the Air. This cycle is completed in 2 min. & automatically operated by timer and solenoid valves continuously.

Regional Representative :