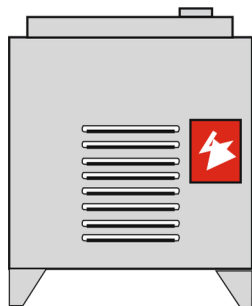


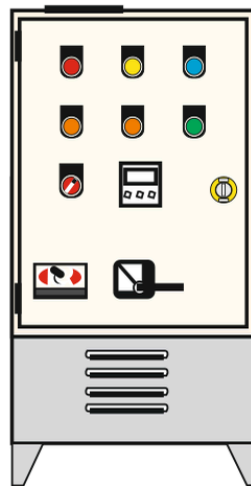
PAN TYPE HUMIDIFIER



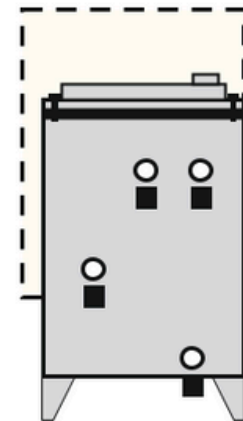
The Steam Humidifier also known as Pan Type 'Humidifier has a tank (body) and Electrical Panel with safety stats and with fault indication. The Tank of Humidifier constructed in Stainless Steel or Mild Steel is separated in two chambers. The water enters the tank from one chamber and the other chamber consisting of heaters raises the temperature of water and once the temperature reaches its saturation point the water starts boiling. The water converts into vapor at 100 Deg C. The unit has a Thermostat to maintain high temperature max 110 Deg C and geyser stat wired with 0.5KW additional heater to maintain 75 Deg C inside the tank. The Humidifier consists of Inlet, drain, overflow and low level sockets. The water supply connected to the inlet socket provided with a float valve maintains water level. The unit also has a low level switch which cuts the power supply of the unit if the water level drops to a certain level. So that heater may not run dry and result in burn. The unit is pre-wired and ready to use. The Humidifier system (Unit) requires 415 Volt (3 Phase) power supply.



Without Panel

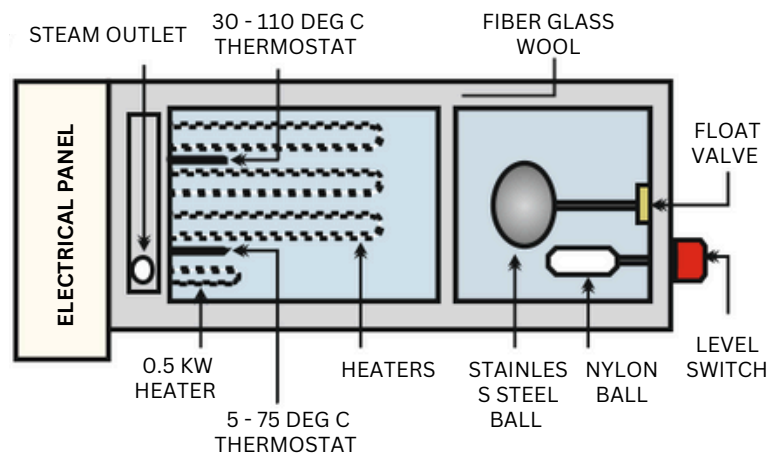


With Panel



Back Side View

- Over Flow Socket 3/8"
- Water Inlet Socket 1/2"
- Drain Socket 1/2"
- Level Switch Socket 1/2"



Top View

APPLICATION :-

- HVAC industry
- pulp & paper industry
- chemical industry
- food processing facilities
- steel mill

FEATURES:-

A Pan Type humidifier made up of stainless Steel body with immersion heater and with safety Thermostat. The humidifier works by sensing the humidity level in your home/hall/industry through a humidistat. The humidistat constantly measures the humidity levels. The heater rises temperature up to 100 deg c to convert water into steam. The generated steam flows from the outlet socket and can be connected directly to room or else connected to air duct for better distribution. During the process safety valve checks the level of water. If the water level drops below the set point, the level switch cuts the supply.

SPECIFICATION :-

Pan Type Humidifier															
Model		RC-1.5	RC-3	RC-4.5	RC-6	RC-7.5	RC-9	RC-12	RC-15	RC-18	RC-21	RC-30	RC-36	RC-45	RC-54
Capacity	Unit	2	4	6	8	10	12	16	20	24	28	40	48	60	72
Heater Type		Seamless Copper or S.S tube Water Immersion Electric Heater													
Heater Rating	KW	0.5	1	1.5	2	2.5	3	4	2.5	3	3/4	3/4	4	5	6
No. of Heaters		3	3	3	3	3	3	3	6	6	3/3	6/3	9	9	9
Installation		Indoor													
Mouting		Floor / Wall													
Overall Length	Inch	30	30	30	30	30	30	32	30	30	30	32	34	38	38
Overall Width	Inch	16	16	16	16	16	16	16	16	16	16	18	20	20	22
Overall Height	Inch	24	24	24	24	24	24	24	24	26	26	26	26	30	30
Dry Weight	kg/h	35	35	35	35	40	40	47	50	50	55	65	70	88	99
Power Input	Volt	415	415	415	415	415	415	415	415	415	415	415	415	415	415
Power Consumption	KW	1.5	3	4.5	6	7.5	9	12	15	18	21	30	36	45	54
Steam Outlet Pipe	Inch	1	1	1	1	1	1	1-1/4	1-1/4	1-1/4	1-1/4	2	2	2	2x2 nos
Water Inlet pipe	Inch	1/2													
Tank Material		Stainless Steel-304L grade sheet													
Sheet Thickness	mm	1.2 or 2													
Panel Material		Mild Steel CRC sheet													
Sheet Thickness	mm	1.2													
Recommended Water Temperature	°C	2-100													
Recommended Water Hardness	ppm	=60													