



BASIC DRI-FOG HUMIDIFIER



Description

The Basic Dri-Fog Humidifier (Model: KBDFH-10) is an advanced ultrasonic humidification system designed for efficient and uniform moisture control in controlled environments. The system delivers fine mist with particle size less than 5 microns, ensuring effective humidification without condensation or water wastage. It is equipped with a digital humidity controller that automatically monitors and maintains humidity levels between 30% to 85% RH. The unit is built with a durable stainless steel (SS304) body, ensuring long life and corrosion-free performance. Its portable design, high efficiency, and reliable operation make it suitable for industrial, laboratory, and cleanroom applications.

Features

- 100% atomization with zero water wastage and no condensation
- High Output and Low Output switch included
- Digital humidity controller for automatic RH control (30%–85%)
- High-accuracy LC humidity sensor
- External installation capability (controller & humidifier)
- Inbuilt float system for maintaining water level
- No compressed air or pressure pump required
- High gasification rate up to 80%
- Two-stage air filtration system (primary & secondary)
- Portable unit with castor wheels
- SS304 stainless steel body for corrosion-free life
- Ready-to-use system
- Mist plate life: approx. 3000–4000 working hours (consumable)

Why Choose KLABS Humidifiers

- Indigenous manufacturer since 2002
- 15,000+ humidifiers & 20,000+ foggers installed
- ISO 9001:2015 & ISO 13485:2016 certified
- CE certified products
- MSME & UDYAM registered
- High-quality SS304 construction
- Govt. & industry approved systems
- Strong customer support and service network



KBDFH-10



Technical Specifications

Parameter	Specification
Model	KBDFH-10
Working Principle	Ultrasonic
Particle Size	< 5 microns
Power Consumption	1.5 amps
Air Volume	305 mtr ³ /Hr.
Humidification Capacity	5 Litres/Hr.
Power Supply	230 VAC, 50/60 Hz
Water Requirement	DM / RO Water Only
Fog Pipe Outlet	2 Nos. (112 mm each)

Controller Specifications

Parameter	Specification
Controller Type	Digital Humidity Controller
Display	Live RH Display
Functions	Digital/Analogue Hour Counter, Voltage Indicator
Sensor	LC Humidity Sensor
Control Range	30% – 85% RH
Installation	Controller outside, sensor inside room

Water Connection Details

Parameter	Description
Supply Source	Overhead Tank
Water Type	DM / RO Water Only
Connection Type	Direct Supply Line
Note	Warranty void if DM/RO water not used

Available Models

Model Range	Capacity
Small Models	1 – 2 LPH
Medium Models	20 – 30 LPH
Large Models	40 – 50 LPH

Important Notes

- Some features may vary by model
- PVC pipes and bends are not included
- Specifications subject to improvement without notice

