TECHNICAL SPECIFICATION

NANO DRYER

All Nano Dryer Series comes standard with:

High Efficiency and Reliability
• A totally self contained unit
• Robust structural steel frame construction
• CNC fabricated unit(s) with powder coated finish
• Process air high temperature paper filter
• Direct drive Rotor sprocket system
• Rotor incorporates robust internal structure for industries quality and durability
• Rotor is non-flammable with organic < 2%
• Hard face coating on rotor edge ensures long life and good sealing for media and seals
• Process and reactivation air flow sectors are insulated
• Unique PTFE coated silicone flat seal

Easy to Operate
• Isolated and protected 24V DC Relay driver output, with LED output indication
• Isolated 24V DC digital Inputs, with LED Indication
• Three wire RTD PT-100 inputs with wire resistance compensation
• 4-20mA input, with polarity and fault protection against direct voltage input upto 36V DC
• Isolated 4-20mA output suitable to drive external load > 800 Ohms
• Isolated RS485 port with MODBUS RTU slave Protocol
• IMODBUS TCP/IP (Optional web server or Cloud connectivity).
• 10 Pin serial port for HMI connection
• 24VDC / 1 Amp max, protected and filtered
• 0 to 55 °C and RH up to 95% non-condensing
• Clock calendar with battery backup

Easy to Install
• Hopper mounted cabinet for compact space
• Versatile, easy to package and handle
• Small footprints; low volume/weight per CMH

Options
• Digital Dew Point Meter

Unit available in 230/1/50Hz
220/1/60Hz

Specification Sheet for Nano Dryers

MODEL	PROCESS AIR FLOW CMH	HOSE CONNECTION IN "	OUTLET TEMP. RANGE IN °C	PROCESS BLOWER KW	REACT BLOWER KW	BED DRIVE MOTOR KW	PROCESS HTR. KW	REACT HEATER KW	DIMENSIONS IN MM			PROCESS OUT DEW POINT °C	UNIT WEIGHT KG
									W	D	H		
NANO-15	15	1 ½	80-180	0.07	0.07	0.006	0.7	0.4	320	584	410	-20-40	35
NANO-25	25	1 ½	80-180	0.07	0.07	0.006	1.1	0.75	320	584	410	-20-40	35

*ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE