

Ultra-High Purity Compressed Air Desiccant Dryers

Flow Capacity 10 to 100 SCFM

dd Amogh 10
dd Amogh 20
dd Amogh 30
dd Amogh 45
dd Amogh 60
dd Amogh 80
dd Amogh 100



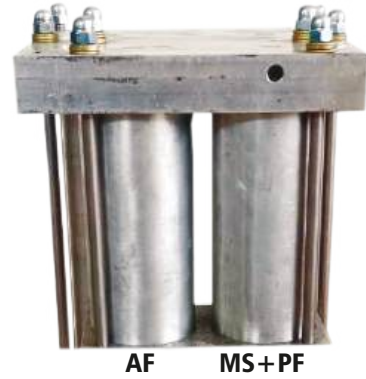
In Built Moisture Separator, PF & AF

**Fully Programmable
Controller
Programmable
Purge Time**

Concept Innovative advanced compressed air desiccant dryer with high levels of performance and reliability.

Features :

- Designed for ISO 8573-1986
- Aluminum construction with anodised
- Moisture and particulate protection
- Lower life cycle costs-low energy costs & simplified maintenance
- Fress from corrosion & scale
- Safe and quiet operation
- MWP 16 Kg./cm² (40 Kg./cm² Available on request)
- After Filter 0.01 micron
- Pre-Filter 5 micron / 3 micron
- Operating Pressure 7 Kg./cm²
- Operating Temperature 40°C
- Supply 240VAC, 50Hz
- High efficiency moisture removal & reliable operation with PLC controlled solenoid valves.
- Unique exhaust air silencers significantly reduce noise levels
- Easy to install & ready for use.
- Minimum operating pressure 4 Kg./cm²
- Power supply 240VAC,50Hz / 110VAC,50Hz



Specification

Dryer Model	Inlet/Outlet BSP(F)	Rated Flow SCFM ²
dd amogh-10	1/4"	10
dd amogh-20	1/2"	20
dd amogh-30	1/2"	30
dd amogh-45	1/2"	45
dd amogh-60	3/4"	60
dd amogh-80	1"	80
dd amogh-100	1"	100



Temperature Correction Factors						
°C	32	35	40	43	46	49
Factors	1.38	1.20	1	0.72	0.60	0.50

Pressure correction factors ⁽⁷⁾									
Inlet air pressure (psig)	60	75	90	100	115	130	145	160	180
Correction factor	0.63	0.75	0.88	1	1.3	1.25	1.38	1.50	1.7



CONCEPT TECHNOSTRUCTURES

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Certificate Number:
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 ISO 9001:2015



CONCEPT
 DD/AMOGH - R-01
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