



hankisonair.com

 **Hankison**TM

Scale your compressed air
systems easily



Efficient Modular Desiccant
Compressed Air Dryers

Introduction

Hankison is proud to unveil the HHM Series Modular Desiccant Dryers, a groundbreaking solution designed to allow maximum flexibility in compressed air systems scaling. Tailored to meet the rigorous demands of various applications, the HHM Series offers unparalleled efficiency, reliability while covering **pressure dew points from -40°C to -70°C**.

Our new modular dryers offer **airflow rates between 5 m³/h and 300 m³/h**, ensuring OEMs and distributors can offer their clients the most advanced, energy-efficient compressed air systems and help them achieve optimal air quality and operational excellence.



ISO Class 1 & 2

Pressure dew points from -40°C to -70°C for critical applications.



Energy Efficiency

The HHM Series features our advanced Energy Management System (EMS) for selected models and offers a conservative pressure drop 0,18 barg with possible purge reduction on compressed air demand (on/off-load control).



Advanced Control

Several auto-alert options, Modbus-ready design, RS-485 communications make the HHM series future-proof. And the compressor interlock function reduces the timing of the purge cycle based on compressed air demand, further improving efficiency.



Scalability & Modularity

Thanks to its low PED Category (Pressure Equipment Directive, PED 97/23/CE) HHM Dryers help to minimize the costs related to periodic compulsory check on pressurized equipment. These dryers can be wall-mounted or installed horizontally, with piping installation possible on left or right side. This, combined with modular design not only simplifies initial installation but also makes future expansions or modifications hassle-free.



User-Friendly

Particularly quiet operation and innovative design allows for quick installation and easy maintenance. Selected models also incorporate an easy-to-use control interface and automatic maintenance alarms, making them a user favorite.

Applications

The Hankison HHM Series excels across diverse industries by ensuring the highest quality compressed air, essential for optimizing production processes and product quality. Depending on the applied pre- and post- filtration, these dryers are capable of meeting various applications' needs. In the pharmaceutical and food & beverage industries, they guarantee air purity, critical for direct contact with raw materials, reducing germ proliferation with lower dew points. For the chemical, laboratory, painting, automotive, and semiconductor manufacturing sectors, it provides reliable, moisture-free air, crucial for maintaining integrity and quality. Additionally, in petrochemical plants, cold environment applications, and the textile industry, the HHM Series ensures efficient and reliable air drying solutions, even in the most challenging conditions.



The HHM dryers are especially recommended for use in the following industries:



Automotive



Food & Beverage



Pharmaceutical



Chemical



Oil & Gas



HHM Modular Dryers specifications

Model	Code	Connections BSP	Flow rate*			Dimensions [mm]			Weight kg	ISO8573-1:2010 Water content	
			m³/h	l/min	CFM	Depth	Width	Height		Class 2 Standard	Class 1 Optional
HHM 5	32300000	3/8"	5	83	3	212	238	423	11	Dewpoint -40°F / -40°C	Not available
HHM 15	32300005		15	250	9	212	238	823	18		
HHM 25	32300010		25	417	15	212	238	1073	27		
HHM 40	32300015	3/4"	40	667	24	405	475	968	44	Dewpoint -40°F / -40°C	Dewpoint -100°F / -70°C
HHM 55	32300020		55	917	32	405	475	1118	50		
HHM 70	32300025		70	1.167	44	405	475	1318	60		
HHM 100	32300030	1"	100	1.667	62	405	475	1673	73	Dewpoint -40°F / -40°C	Dewpoint -100°F / -70°C
HHM 150	32300035		150	2.500	93	405	475	1873	90		
HHM 200	32300040	1 1/2"	200	3.333	118	495	536	1705	177	Dewpoint -40°F / -40°C	Dewpoint -100°F / -70°C
HHM 250	32300045		250	4.167	147	495	536	1905	180		
HHM 300	32300050		300	5.000	177	495	536	1905	188		

* Performances refer to air suction of FAD 20°C (68°F), 1 bar (14.5 psig), and the following operating conditions: 7 bar (100 psig) working pressure, -40°C (-40°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature. NPT connections are available on request. Contact us to receive detailed information about correction factors and other technical data.



Request
a quote



Hankison HHM Modular Dryers Features



Aftermarket Solutions

Proper maintenance of your compressed air-drying equipment can prevent high costs and lost time due to down time of your installation. Regular maintenance is required not only to minimize the risk of compressed air system breakdowns, but to extend the lifetime of your machines.

Yearly maintenance improves dryers' and compressors efficiency and helps to identify issues in advance that may cause the compressor or dryer to consume more energy than necessary.

For all our dryers, we have genuine Hankison spare parts and Maintenance Kits are available on stock. The kits are meeting the required frequency for maintenance, 1-year, or 5-years. For our desiccant dryers we can deliver molecular sieve and activated alumina in different sizes from stock, like our Premium HQ-A4, which is our 4mm premium quality activated alumina.

Refrigerant Dryers



- 1 year service kits
- Main components

Desiccant Dryers



- 1 year service kits
- 5 year service kits
- Main components
- Desiccant test kit

Filters



- Elements
- Accessories

Service Centres

Beside our large distribution, service network in Europe, Hankison has a state of the art Service and Repair Centre in the Netherlands located in Etten-Leur with highly educated engineers and technicians. In this Service Centre we can calibrate our customers' dewpoint sensors and analyse all type of desiccants in our laboratory.

For further details, information and support, please visit our website www.hankisonair.com or contact your local Hankison distributor.

**Service and Repair Centre
Etten-Leur, The Netherlands.**

Compressed Air Technology Innovation

Hankison is a global leader in the manufacture of efficient dehydration, filtration, and air purification solutions. Thanks to our range of technologically advanced products delivering clean, dry air, you can reduce your operational costs and enhance your compressed air equipment longevity, and end product quality. Visit our website, discover our extensive portfolio of products and request a quote today.



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07 | HHM 5-300 Efficient Modular Desiccant Compressed Air Dryers



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