



High Temperature Refrigeration Air Dryer

Capacity: 1~15 m³/min

Max. working pressure: ≤1.6MPa (16barg)

Max. inlet temperature: 80°C

Max. ambient temperature: 50°C

Min. ambient temperature: 5°C

Max. cooling water temperature: 35°C

Cooling type: air-cooled/water-cooled

Power supply: 220V/1Ph/50Hz/60Hz

Refrigerant: R134a/R407C

Rated working pressure: 0.7MPa

Inlet temperature: 60°C

Ambient temperature: 38°C

Cooling water temperature: 32°C

High-Quality Compressed Air for Enhanced Equipment and Processes

Refrigerated dryers play a crucial role in delivering dry compressed air, thereby extending the lifespan of your equipment and ensuring superior production quality. By efficiently removing moisture, these dryers help prevent corrosion in compressed air networks and tools, ultimately reducing maintenance costs and enhancing overall operational efficiency, providing you with peace of mind throughout the production process.

Key Features:

- Capable of handling high inlet temperatures of up to 80°C.
- High-efficiency, all-in-one heat exchanger design ensures a lightweight unit with a minimal footprint.
- Utilizes environmentally friendly HFC refrigerants, R134a and R407C.
- Fewer welding points result in a reduced risk of leakage.
- Large pre-cooler and counter-flow design can save up to 25% in energy consumption.
- Equipped with a demister water separator that guarantees over 99% efficiency in dew point control, significantly outperforming cyclone separators.
- Durable hermetically sealed refrigeration compressors offer years of reliable service.
- Automatic refrigeration temperature control system maintains precise chilled air temperatures.



Sturdy structure

The design of the box plate is strong and durable, ensuring the safety and reliability of the equipment during installation and operation



Intelligent temperature controller

Display dew point, condensing temperature, operating mode, fault information, remote start and stop



Well-known compressor

The whole series of products use Hitachi, Inwatech, Danfoss and other refrigeration compressors



Aluminum plate-fin heat exchanger

Aluminum-magnesium alloy material is anti-corrosion and anti-rust, high-efficiency heat exchange, built-in wire mesh separator, good water removal effect



Electronic drain valve

Time module, interval drainage, reliable and durable, fully automatic, maintenance-free

Technical Parameters

Model	Air Connection	Capacity m ³ /min		Power Supply	Absorbed Power(kW)	Dimension mm			Weight
		m ³ /min	CFM	V/Ph/Hz		L	W	H	kg
SLT012-HT	Rc1/2"	1.2	42	230/1/50	0.3	650	320	550	35.0
SLT024-HT	Rc1"	2.4	85	230/1/50	0.61	800	420	600	70.0
SLT030-HT	Rc1"	3	106	230/1/50	0.76	800	420	600	75.0
SLT060-HT	Rc1-1/2"	6	212	230/1/50	1.09	750	695	1260	125.0
SLT080-HT	Rc1-1/2"	8	282	230/1/50	1	750	695	1260	128.0
SLT100-HT	Rc1-1/2"	10	353	230/1/50	2	750	695	1260	133.0
SLT120-HT	Rc2"	12	424	230/1/50	2	1000	840	1450	165.0
SLT150-HT	Rc2"	15	530.00	230/1/50	2.73	1000.00	840	1450	175.00