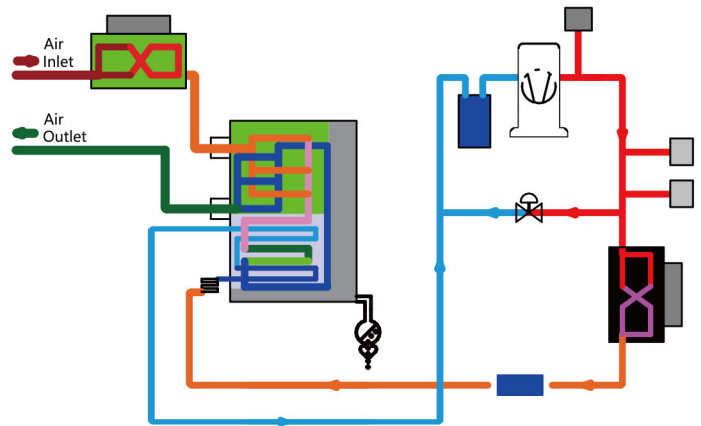


HT Series High Temperature Refrigeration Air Dryer



Technical Features

- Designed to handle high inlet temperatures up to 80°C.
- High efficiency all-in-one heat exchanger design enable our dryers light weight and small foot print.
- Environment friendly HFC refrigerants R134a and R407C.
- Less point of welding, lower leakage risk.

All HT series dryers have passed latest CE safety certification.



- Large pre-cooler & counter flow design, save energy up to 25%.
- Demister water separator, 99+% efficiency dew point guarantee, much better than cyclone separator.
- Rugged hermetically refrigeration compressor provide years of trouble free service.
- Automatic refrigeration temperature control system maintains precise chilled air temperature.
- Refrigeration side insulation to save energy.
- Various power supply for option.

HT Series High Temperature Refrigeration Air Dryer

Technical Specifications

Model	Air Connection	Capacity		Power Supply V/Ph/Hz	Absorbed Power kW	Dimension mm			Weight kg
		m³/min	CFM			L	W	H	
RSLF-12-HT	Rc1/2"	1.2	42	230/1/50	0.30	650	320	550	35
RSLF-24-HT	Rc1"	2.4	85	230/1/50	0.61	800	420	600	70
RSLF-30-HT	Rc1"	3	106	230/1/50	0.76	800	420	600	75
RSLF-60-HT	Rc1-1/2"	6	212	230/1/50	1.09	750	695	1260	125
RSLF-80-HT	Rc1-1/2"	8	282	230/1/50	1.45	750	695	1260	128
RSLF-100-HT	Rc1-1/2"	10	353	230/1/50	1.82	750	695	1260	133
RSLF-120-HT	Rc2"	12	424	230/1/50	2.18	1000	840	1450	165
RSLF-150-HT	Rc2"	15	530	230/1/50	2.73	1000	840	1450	175

Rated Conditions

Working pressure : 0.7MPag / 100psig

Inlet temp : 60°C / 140°F

Ambient temp : 38°C / 100°F

Working Range

Max. working pressure : 1.5MPag / 218psig

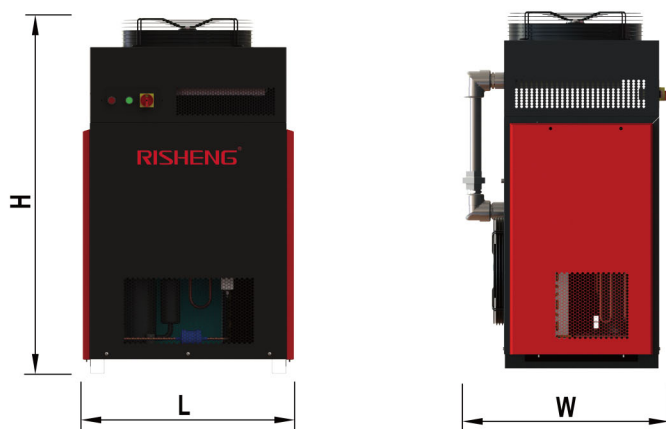
Max. inlet temperature : 80°C / 176°F

Max. ambient temperature : 50°C / 122°F

Min. ambient temperature : 5°C / 41°F

Available Options

- Higher working pressure
- Different power supply
- Timed drain or zero loss drain
- Higher Capacity



Correction Factors

Actual Capacity (m³/min) = Nominal Capacity × KA × KB × KC

Working Pressure (KA)	Mpag	0.4	0.5	0.6	0.7	0.8	0.9
	psig	58	73	87	102	116	131
	CFP	0.86	0.92	0.93	1.00	1.04	1.08
	Mpag	1.0	1.1	1.2	1.3	1.4	1.5
	psig	145	160	174	189	203	218
	CFP	1.11	1.15	1.18	1.22	1.25	1.28

Inlet Temperature (KB)	°C	50	55	60	65	70	75	80
	°F	122	131	140	149	158	167	176
	CFT	1.03	1.02	1.00	0.87	0.78	0.70	0.64

Ambient Temperature (KC)	°C	25	30	35	38	40	45	50
	°F	77	86	95	100	104	113	122
	CFT	1.15	1.10	1.02	1.00	0.89	0.79	0.69