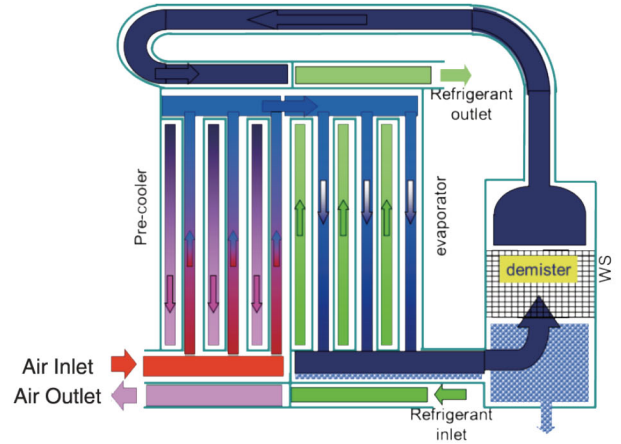


HP Series High Pressure Refrigeration Air Dryer



Technical Features

- Stainless steel brazed plate heat exchanger, corrosion free.
- 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 HP 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.
- Friendly design and easy to use and maintainance.
- Proven design to quality guarantee.
- Refrigeration side insulation to save energy.
- Various power supply for option.

HP Series High Pressure 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-HP	Rc1/2"	1.2	42	230/1/50	0.26	600	310	500	35
RSLF-15-HP	Rc1/2"	1.5	53	230/1/50	0.28	600	310	500	35
RSLF-18-HP	Rc1/2"	1.8	64	230/1/50	0.30	600	310	500	35
RSLF-24-HP	Rc3/4"	2.4	85	230/1/50	0.46	750	360	550	50
RSLF-30-HP	Rc3/4"	3.0	106	230/1/50	0.50	750	360	550	50
RSLF-36-HP	Rc3/4"	3.6	127	230/1/50	0.53	750	360	550	55
RSLF-40-HP	Rc3/4"	4.0	141	230/1/50	0.55	750	360	550	55
RSLF-60-HP	Rc1-1/4"	6.0	212	230/1/50	0.80	750	550	880	80
RSLF-80-HP	Rc1-1/4"	8.0	282	230/1/50	0.85	750	550	880	80
RSLF-90-HP	Rc1-1/4"	9.0	318	230/1/50	0.90	750	550	880	80
RSLF-100-HP	Rc1-1/4"	10	353	230/1/50	1.10	750	550	880	80
RSLF-120-HP	Rc1-1/4"	12	424	230/1/50	1.22	750	550	880	80
RSLF-150-HP	Rc1-1/4"	15	530	230/1/50	2.10	1100	860	1200	150
RSLF-200-HP	Rc1-1/4"	20	706	230/1/50	2.30	1100	860	1200	150
RSLF-250-HP	Rc2-1/2"	25	883	400/3/50	2.80	1100	900	1550	270
RSLF-300-HP	Rc2-1/2"	30	1059	400/3/50	2.90	1100	900	1550	270
RSLF-350-HP	Rc2-1/2"	35	1236	400/3/50	3.10	1100	900	1550	300
RSLF-400-HP	Rc2-1/2"	40	1412	400/3/50	4.20	1100	900	1550	350
RSLF-500-HP	Rc2-1/2"	50	1766	400/3/50	4.56	1100	900	1550	470
RSLF-600-HP	DN80	60	2119	400/3/50	5.60	1450	1130	1650	550
RSLF-700-HP	DN80	70	2472	400/3/50	5.80	1450	1130	1650	570
RSLF-800-HP	DN80	80	2825	400/3/50	5.94	1450	1130	1650	600

Rated Conditions

Working pressure: 4.0Mpag / 580psig

Inlet temp: 38°C / 100°F

Ambient temp: 38°C / 100°F

Working Range

Max. working pressure: 4.5Mpag / 653psig

Max. inlet temperature: 60°C / 140°F

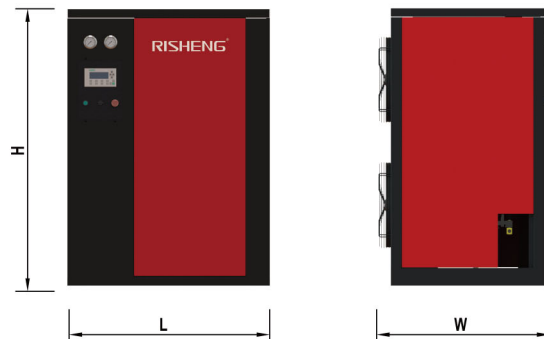
Max. ambient temperature: 50°C / 122°F

Min. ambient temperature: 5°C / 41°F

Available Options

·Different power supply

·Water cooling version from model 150 and above



Correction Factors

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

Working Pressure (KA)	Mpag	2.0	2.5	3.0	3.5	4.0	4.5
	psig	290	363	435	508	580	653
	CFP	0.93	0.96	0.97	0.99	1.00	1.01

Inlet Temperature (KB)	°C	30	32	38	43	49	54	60
	°F	86	90	100	110	120	130	140
	CFT	1.27	1.18	1.00	0.87	0.76	0.68	0.61

Ambient Temperature (KC)	°C	16	21	27	32	38	43	49	50
	°F	60	70	80	90	100	110	120	122
	CFT	1.15	1.12	1.08	1.04	1.00	0.95	0.90	0.89