

FXHT

HIGH INLET TEMPERATURE REFRIGERANT DRYERS

QUALITY AIR MADE EASY

PERFORMANCE

The FXHT dryer range is simple, yet robust and reliable. It is a range that relies on proven technology, solid components and uncomplicated design; these features combined deliver reliable performance at any flow — in almost every manufacturing application.



HIGH INLET TEMPERATURES

Designed to be used with the high outlet temperatures from piston compressors the integrated pre-cooler allows for 50°F outlet dewpoints even with inlet temperatures of up to 180°F.

NEW DIGITAL DISPLAY

- Functional display indicating unit operating status
- Status: refrigerant compressor and fan.
- Alarms: high/low pressure dew point and probe failure.
- Service warning.

FXHT REFRIGERANT DRYER RANGE 60 HZ

Model	Outlet pressure dew point +3 °C/37 °F				Maximum working pressure		Electrical supply	Dimensions						Weight		Compressed air connections
	Inlet capacity		Pressure drop					Length		Width		Height				
	cfm	l/s	psi	bar	psi	bar		mm	inch	mm	inch	mm	inch	kg	lb	
FX 1	25	12	0.52	0.04	232	16	115/1/60Hz	14	355.6	15	381	19	482.6	57	25.9	1/2" NPT
FX 2	50	24	0.76	0.05	232	16	115/1/60Hz	18	457.2	23	584.2	32	812.8	108	49.0	1" NPT
FX 3	75	35	1.83	0.13	232	16	115/1/60Hz	18	457.2	23	584.2	32	812.8	168	76.2	3/4" NPT
FX 4	100	47	3.2	0.22	232	16	115/1/60Hz	18	457.2	23	584.2	41	1041.4	231	104.8	3/4" NPT
FX 5	125	59	3.4	0.23	232	16	115/1/60Hz	18	457.2	23	584.2	41	1041.4	236	107.0	3/4" NPT

OPTIONAL FILTER SELECTION

Model	Inlet capacity cfm	Filter
FX 1	25	UD15+
FX 2	50	UD25+
FX 3	75	UD45+
FX 4	100	UD45+
FX 5	125	UD60+

LIMITATIONS

Maximum ambient temperature:	120 °F*
Minimum ambient temperature:	41 °F
Maximum inlet temperature:	180 °F**

*115 °F for FX 1-16
**140 °F for FX 17-21

REFERENCE CONDITIONS

Ambient temperature:	115°F
Inlet temperature:	180°F
Working pressure:	125 psi

NOTES

Refrigerant types:	R134a for FX HT 1 R404a for FX HT 2-5
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