

# high temperature direct expansion dryers

## FEATURES

- specifically designed oversized refrigeration circuit provides clean, dry compressed air in unique demands of high temperature applications
- 1 micron coalescing inlet filter provided as a standard option
- integrated pre-cooler, the HTR range allows for 50°F outlet dew points even with inlet temperatures as high as 180°F
- corrosion resistant powder coated steel panels for harsh environments
- easy installation and start-up
- automatic expansion valve ensures stable dew point performance even in changing ambient conditions
- energy efficient and extremely reliable zero air loss drain as standard
- applications include manufacturing, paint and coatings, machine tools and blasting



### SS heat exchanger

patented design, corrosion resistant construction and integrated moisture separator



### the data you need

digital display with high/low dew point indicator and service reminder



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# SPECIFICATIONS

dryer model	inlet & outlet		rated flow <sup>(1)</sup>		absorbed power <sup>(2)</sup>	dimensions (inches)			approx. weight	power supply (V/Ph/60Hz)	pre filter (optional)
	NPT	scfm	Nm <sup>3</sup> /h	kW	A	B	C	lbs	115/1		
HTR 0025	¾" (M)	25	42	0.47	13.8	19.1	14.9	57	•	NF 0030 M1	
HTR 0050	½" (F)	50	85	1	18.1	31	22.6	108	•	NF 0050 M1	
HTR 0075	¾" (F)	75	127	2.02	18.1	31	22.6	168	•	NF 0085 M1	
HTR 0100	1" (F)	100	170	1.93	18.1	41	22.6	231	•	NF 0085 M1	
HTR 0125	1" (F)	125	212	2.4	18.1	41	22.6	236	•	NF 0135 M1	

specifications	
design operating pressure range	0 to 232 psig
maximum inlet temperature	180°F
maximum ambient temperature	120°F
inlet filter (optional)	M1 (1 micron)
condensate drain (included)	zero air loss

- (1) rated flow capacity: at 125 psig & 180°F inlet conditions, 95°F ambient and a 50°F outlet pressure dew point. For all other conditions, contact support@n-psi.com
- (2) including cooling fan, at max conditions. For absorbed power at other voltages or conditions, contact support@n-psi.com
- (3) HTR0025 & HTR0050 models include a 10-foot power cord and plug; HTR0075 to HTR0125 models include a 10-foot power cord terminating in leads
- (4) grade M01 (0.01 micron) after filter available as an option
- (5) technical specifications subject to change without notice. Direct inquiries to support@n-psi.com or contact 704.897.2182

