



HTD High Inlet Temperature Refrigerated Air Dryer

Aurora's HTD series of High-Inlet Temperature air dryers have taken the **"Systems"** approach to treating hot, wet compressed air. These units incorporate an air-cooled after cooler, refrigerated air dryer, moisture separator and electronic condensate drain; making them suitable to be directly connected and installed next to reciprocating air compressors which typically deliver high outlet air temperatures up to 180°F.

The HTD's revolutionary all-in-one, space saving design is a benefit from Aurora's long and successful experience in compressed air treatment. Installation and operating costs are further reduced as a result of the integral piping between stages. True energy savings are realized while operating on zero or low load requirements through the advanced "Auto-sleep" mode and variable speed fan control.

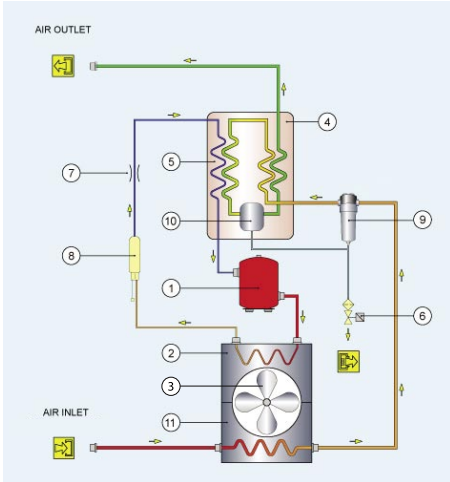
**Aurora HTD - The best thing
next to your air compressor!**



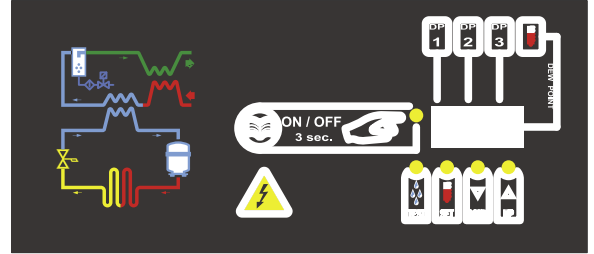
AURORATM
Performance Compressed Air Systems
www.auroracompressedair.com

STANDARD FEATURES

- Energy efficient design
- R-134a environmentally friendly refrigerant with no planned phase out
- Long-Life industrial duty refrigerant compressors
- 115/1/60 Electric supply
- 10 Micron prefilter/separator to remove solid and liquid particles
- Accepts inlet temperatures up to 180° F
- Eliminates “Pipe Sweating” down stream
- High efficiency compact heat exchanger and secondary condensate separator



1. Compressor
2. Refrigerant condenser
3. Fan
4. Air/air pre-exchanger
5. Evaporator
6. Condensate drain
7. Capillary tube
8. Dehydrator filter
9. Prefilter/Separator
10. Condensate separator
11. Pre-cooler



Microprocessor control to adjust dew point, condensate drain interval & duration, and to set high & low temperature alarms.

SPECIFICATIONS & TECHNICAL DATA

Model	PRESSURE DEW POINT (SCFM)			PIPE SIZE NPT	DIMENSIONS (INCHES)			WEIGHT LBS
	50° F	45° F	39° F		WIDTH	DEPTH	HEIGHT	
HTD 0018	18	17	14	3/4"	15	20	26	75
HTD 0025	25	23	19	3/4"	15	20	26	79
HTD 0035	35	32	27	3/4"	15	20	26	86
HTD 0050	50	44	39	3/4"	16	22	34	95
HTD 0070	70	64	52	3/4"	16	22	34	110
HTD 0090	90	75	64	1"	16	22	34	115

Maximum ambient temperature	115° F
Maximum inlet temperature	180° F
Minimum ambient temperature	41° F
Maximum pressure	232 PSIG
Electrical supply	115/1/60
Refrigerant	R134a

* Flow capacities are based on the following conditions.

Ambient temperature	95° F
Inlet temperature	180° F
Inlet pressure	125 PSIG

Distributed By:



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