

HEATLESS REGENERATIVE DRYERS



The Science of Compressed Air

QDTS SERIES — HEATLESS REGENERATIVE DRYER

- Longer Tool, Instrument and Control Life
- Eliminates Blockage, Corrosion and Circuit Freeze-ups
- Dries and Purifies Air and Gas
- Drier Air than Refrigerated Dryers
- Instant Dry Air; No Waiting; No Warm-up
- Long Desiccant Life and Minimal Maintenance



TIME SAVING REGENERATIVE DRYER

The QDTS Series is rugged, reliable, and compact. It's rated as a NEMA 4 enclosure and is wall or base mountable. The innovative design enables easy installation and removal of desiccant. The unit is engineered with integrated tower pressure gauges, fixed purge orifice (adjustable purge optional), exhaust muffler, and solenoid operated inlet and purge valves. An all-pneumatic sequence operation option is also available (no electrical). Other features include -40°F pressure dewpoint, pressure drop of 3 PSID or less, 5- or 10-minute NEMA cycles, and it is UL®, cUL listed.

FEATURES:

Quincy Heatless Regenerative Dryers are perfect for a variety of industry applications. The QDTS Series is well-suited for the plastics, food, drug, and chemical industries. Fluidics, logic, paint spray, and outdoor air-operated systems are also compatible. And that's not all...pneumatic instruments, synthetic fiber processing, medical/dental equipment, ozone generation, fluidizing solids, and ferrous/nonferrous metal formation applications are all supported! The QDTS Series is also ideal for pressurizing telephone/video cables and is an excellent choice for all point-of-use regenerative dryer applications.

QDTS — Heatless Regenerative Dryer

RECOMMENDED INSTALLATION:

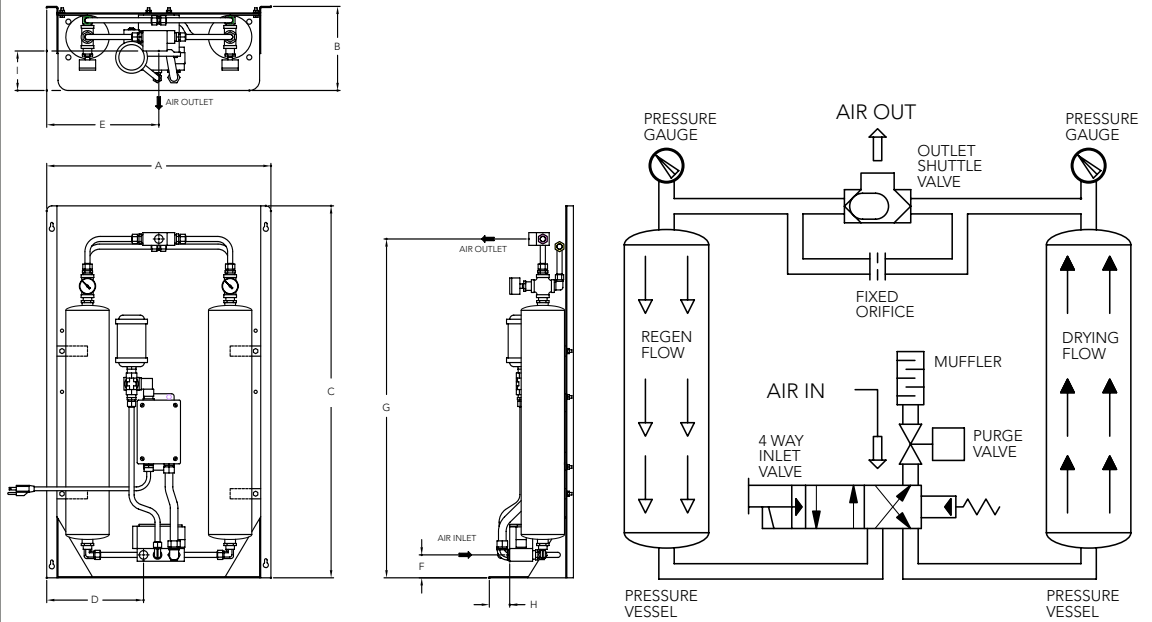
Oil will contaminate the adsorbent material, making it ineffective for water vapor removal. A Quincy oil coalescing prefilter must be installed with the dryer. A Quincy particulate afterfilter also is required for proper particulate and desiccant dust removal.

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QDTS SERIES — SPECIFICATIONS & ENGINEERING DATA



Heatless Regenerative													
Model	cfm @ 100 psig	Dimensions									Desiccant lb.	Approx Wt. lb.	Connections In.
		A In.	B In.	C In.	D In.	E In.	F In.	G In.	H In.	I In.			
QDTS 5	5	16	6 1/4	23	8	8	1	21	-	-	6	110	1/4 NPT
QDTS 10	10	22	8 1/4	36 1/2	11	11	1 1/4	34	4 3/8	4 1/4	18	140	1/2 NPT
QDTS 15	15	22	8 1/4	36 1/2	9 1/2	11	2 1/4	33 1/4	2	3 3/8	18	155	1/2 NPT
QDTS 25	25	22	8 1/4	36 1/2	9 1/2	11	3 1/2	32 1/2	5/8	2 1/4	40	165	1/2 NPT
QDTS 35	35	22	8 1/4	36 1/2	9 1/2	11	3 1/2	32 1/2	5/8	2 1/4	40	185	1/2 NPT
QDTS 50	50	22	8 1/4	36 1/2	9 1/2	11	2 1/2	38 1/4	5/8	2 1/4	56	200	1/2 NPT

Notes: Model number indicates maximum flow based on inlet condition of 100 psig and 120°F maximum inlet temperature.

Operating Conditions						
QDTS Models	Maximum Inlet Pressure	Maximum Inlet Air Temp.	Minimum Inlet Air Temp.	Dew-point Temp.	Maximum Ambient Temp.	Minimum Ambient Temp.
5-50	150 psig	120°F	70°F	-40°F ± 2°F	120°F	70°F

Quincy's ongoing investment in research and development results in continuous product improvements. Changes in specifications or product designs in connection with any product feature do not entitle the purchaser to corresponding changes, improvements, additions or replacements for equipment previously sold or shipped.

701 North Dobson Avenue
 Bay Minette, AL 36507
 Phone 251.937.5900
 Fax 251.937.7182

Nearest Distributor:
 888.424.7729

Email:
 info@quincycompressor.com

