

## HIGH TEMPERATURE DRYERS



an EnPro Industries company

### QPHT — HIGH TEMPERATURE REFRIGERATED DRYER

- Accepts 180°F Inlet Temperature
- Space-Saving 3-in-1 Design
- Eliminates Water, Oil, and Dirt from Air Systems
- Prevents Damage to Pneumatic Tools and Cylinders, Adding to Their Lifetime Use
- Fewer Finished Product Defects
- Prevents “Fisheye” Paint Splotches
- Reduces Operational Downtime
- Increase Profitability and Productivity
- Eliminates Air Line Purging



QPHT-50  
High Temperature Dryer

### SPACE SAVING REFRIGERATED DRYER

QPHT Series Total Air System High Temperature Dryers integrate five different components that perform five separate functions. An air-cooled aftercooler, refrigerated dryer, moisture separator, electronic adjustable drain valve, and coalescer work in harmony to ensure absolutely clean air that's oil and dirt free.

The unit is virtually maintenance free and ships with a full refrigerant charge and oil. Heat exchangers with a smooth wall (primary) surface provide maximum heat transfer efficiency. The automatic drain has a solid state programmable timer and a manual override (particle strainer included). Installation is easy; no special wiring is required. A power cord with three-prong plug is supplied.

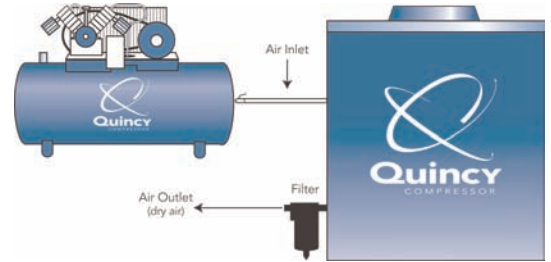
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## EASY FOUR-STEP INSTALLATION

- ① Connect compressor air outlet to dryer air inlet connection.
- ② Assemble coalescing afterfilter (included) to air outlet connection.
- ③ Pipe the connection to plant air system from afterfilter.
- ④ Electrical, three-prong plug connects to grounded wall connection.



## QPHT — SPECIFICATIONS & ENGINEERING DATA

High Temperature													
Model	cfm @ 100 psig	Use With Compressor	Std. Electrics	Ref. hp	Heat Exchanger Material	Max. psig	Refrigerant	Ambient Air Filter	— Dimensions —			Approx. Connections	
									L In.	W In.	H In.	Wt. lb.	In.
QPHT 25	25	5 hp	115/1/60	1/4	Copper	175	R-134A	Std.	17 1/2	18 3/4	17 3/4	85	1/2 NPT
QPHT 50	50	10 hp	115/1/60	1/4	Copper	175	R-22	Opt.	28	20	30	128	1/2 NPT
QPHT 75	75	15 hp	115/1/60	1/2	St. Steel/Copper	175	R-134A	Opt.	28	18	40	183	1 NPT
QPHT 100	100	20 hp	115/1/60	3/4	St. Steel/Copper	175	R-134A	Opt.	28	18	40	194	1 NPT
QPHT 125	125	25 hp	115/1/60	3/4	St. Steel/Copper	175	R-134A	Opt.	28	18	40	200	1 NPT

Notes: Instrumentation Includes; On/Off Switch, Power On Light, Hi-Temp light, Refrigerant Suction Pressure Gauge, Drain Test Button, Drain Adjustment Knobs.

Coalescing filter is supplied for all models.

Automatic Drain is Electronic, Timer Operated and Panel Mounted.

208-230/1/60 or 100/1/50 electric are available as no charge options.

Operating Conditions						
QPHT Models	Maximum Inlet Pressure	Maximum Inlet Air Temp.	Minimum Inlet Air Temp.	Dew-point Temp.	Maximum Ambient Temp.	Minimum Ambient Temp.
25-125	175 psig	180°F	40°F	50°F ± 2°F	100°F	40°F

Inlet Flow SCFM		
Model	50°F PDP	40°F PDP
QPHT 25	25	20
QPHT 50	50	40
QPHT 75	75	60
QPHT 100	100	80
QPHT 125	125	100

SCFM flow is rated at 180°F max. inlet, 175 psig operating, 200 psig max., and 100°F ambient.

701 North Dobson Avenue  
 Bay Minette, AL 36507  
 Phone 217.222.7700  
 Fax 251.937.7182

Email:  
 info@quincycompressor.com



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