

QHD/QHP/QBP Series

In heavy-duty industrial operations, water vapor in compressed air equipment can lead to premature failure, corrosion, frozen air lines, quality control issues and a range of other operational problems. A desiccant air dryer system purifies compressed air by absorbing moisture. For dry air that meets some of the industries strictest air quality applications, we offer the QHD, QHP and QBP desiccant dryers. Capable of reaching dry air levels up to -100°F, these dryers keep air tools operating at peak performance, and help to ensure end products maintain high and consistent quality levels.



QHD

- ✓ Average purge consumption: 18%
- ✓ Standard included dewpoint sensor to lower purge consumption
- ✓ Stainless steel outlet valves with 40,000 hrs lifetime
- ✓ Optional high performing inlet filter and outlet filter, ensuring high air quality
- ✓ Stable pressure dewpoint as low as -100° F
- ✓ Exchangeable purge nozzle, to match the dryer performance.
- ✓ Full access monitoring

QHP

- ✓ Average purge consumption: 10%
- ✓ Standard included dewpoint sensor to lower purge consumption
- ✓ Stainless steel outlet valves with 40,000 hrs lifetime
- ✓ Optional high performing inlet filter and outlet filter, ensuring high air quality
- ✓ Stable pressure dewpoint as low as -100° F
- ✓ Exchangeable purge nozzle, to match the dryer performance.
- ✓ Full access monitoring

QBP

- ✓ Average purge consumption: 3%
- ✓ Standard included dewpoint sensor to lower purge consumption
- ✓ Standard included blower filter to protect blower from ingress of contaminants
- ✓ Stainless steel outlet valves with 40,000 hrs lifetime
- ✓ Optional high performing inlet filter and outlet filter, ensuring high air quality
- ✓ Stable pressure dewpoint as low as -100° F
- ✓ Exchangeable purge nozzle, to match the dryer performance.
- ✓ Full access monitoring

QHD/QHP/QBP TECHNICAL DATA

Model	CFM @ 100 PSIG	Purge CFM	Pressure Dewpoint Deg F	Voltage	Av. Power Consumption kW	Air Conn. In/Out	Basic Dryer Dimensions			Approx. Weight (lbs)
							Length (inches)	Width (inches)	Height (inches)	
QHD-750	750	127	-40 or -100	115/1/60	0.06	3" RF	80	44	103	2830
QHD-900	901	153	-40 or -100	115/1/60	0.06	3" RF	80	43	103	3030
QHD-1100	1123	191	-40 or -100	115/1/60	0.06	3" RF	80	43	103	3312
QHD-1370	1377	234	-40 or -100	115/1/60	0.06	3" RF	83	43	96	3778
QHD-1800	1801	306	-40 or -100	115/1/60	0.06	4" RF	102	49	103	5851
QHD-2300	2331	396	-40 or -100	115/1/60	0.06	4" RF	102	49	125	7048
QHD-2800	2818	479	-40 or -100	115/1/60	0.06	4" RF	116	49	125	7676
QHD-3600	3602	612	-40 or -100	115/1/60	0.06	6" RF	121	69	132	10702

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							Length (inches)	Width (inches)	Height (inches)	
QHP-850	850	85	-40 or -100	460/3/60	7.9	3" RF	76	47	106	2288
QHP-1050	1050	105	-40 or -100	460/3/60	10.8	3" RF	76	47	106	2491
QHP-1220	1220	122	-40 or -100	460/3/60	11.8	3" RF	82	47	98	3109
QHP-1700	1700	170	-40 or -100	460/3/60	15.8	4" RF	97	54	106	4643
QHP-2000	2000	200	-40 or -100	460/3/60	18	4" RF	97	54	106	5027
QHP-2600	2600	260	-40 or -100	460/3/60	22.3	4" RF	90	67	131	6063
QHP-3000	3000	300	-40 or -100	460/3/60	26.3	6" RF	90	67	131	7469
QHP-3400	3400	340	-40 or -100	460/3/60	29	6" RF	90	67	131	7848

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							Length (inches)	Width (inches)	Height (inches)	
QBP-760	760	23	-40 or -100	460/3/60	9.2	3" RF	70	40	102	3696
QBP-1000	975	29	-40 or -100	460/3/60	10.3	3" RF	70	40	102	3851
QBP-1350	1335	40	-40 or -100	460/3/60	14.1	3" RF	74	40	107	4733
QBP-2050	2055	62	-40 or -100	460/3/60	21.8	4" RF	93	46	107	6800
QBP-2650	2670	80	-40 or -100	460/3/60	27.4	4" RF	94	68	107	7467

Inlet Pressure Capacity Correction	
Inlet PSIG	Factors
50	0.56
60	0.65
70	0.74
80	0.83
90	0.91
100	1.0
110	1.09
120	1.18
130	1.27
140	1.37
150	1.43

Inlet Temperature Capacity Correction	
Inlet Temp (F)	Factors
90	1.0
95	1.0
100	1.0
105	0.85
110	0.74
115	0.64
120	0.55



WARRANTY INFORMATION

STERLING BLUE	2-Year Package Warranty	5-Year Valve Warranty
	Packaged Air Dryer Twenty-four (24) months from date of shipment from the factory Covers all parts and labor on the dryer package	Switching Valves Five (5) year warranty from date of shipment from the factory Covers parts only