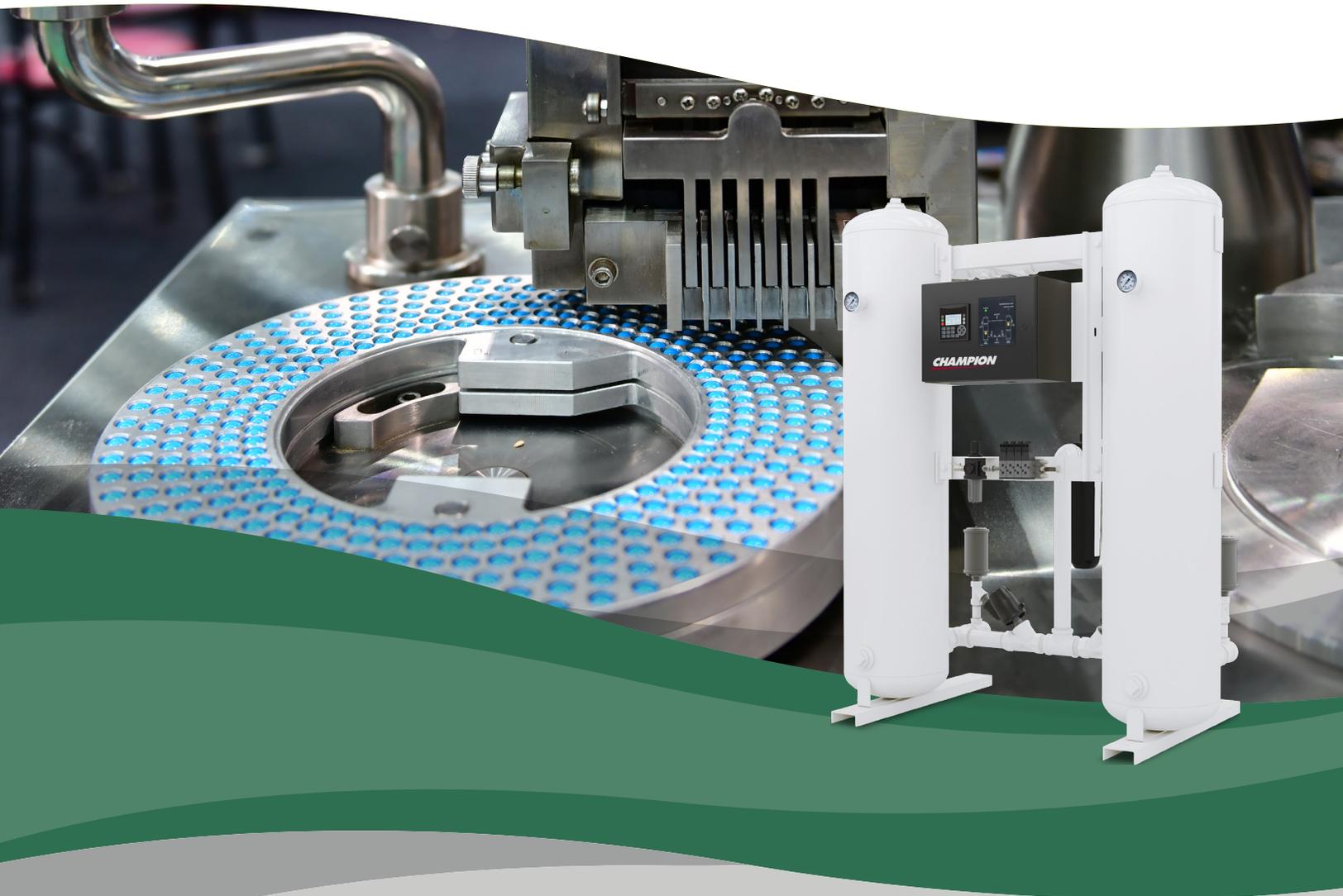


CHAMPION

HEATLESS DESICCANT DRYER | 90-3,300 CFM

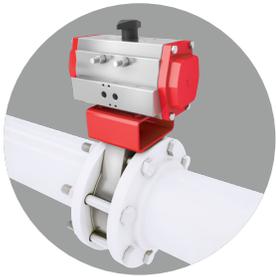
XCHL Series



X Series: NeXt-Generation Champion Air Treatment



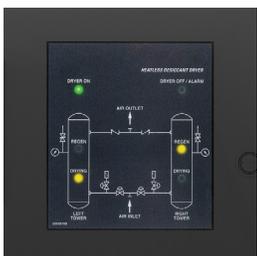
Angle seated single acting valve (up to 2" NPT)



High performance double off set butterfly valve (>2" NPT)



Intuitive system controller with backlit display



Easy to read status panel provides visual system indicators

HEATLESS DESICCANT AIR DRYERS

XCHL Series Features & Benefits

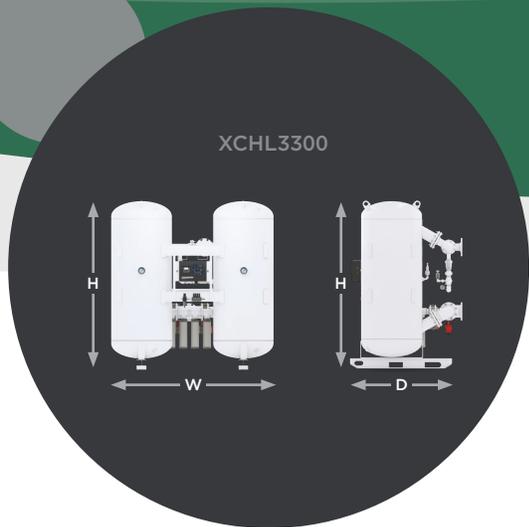
- **Low-profile design** permits placement of dryer in areas with low overhead clearances, while minimizing shipping costs
- **Rear-mounted inlet and outlet manifolds** provide convenient access to critical valves and components for easier and safer service and maintenance as compared to competitive designs
- **Standard NEMA 4 enclosure** suitable for indoor and outdoor applications, protects against dirt, dust, moisture and ice
- **New long life switching and purge valves** with extended service intervals
- **Enhanced controller** provides precise pneumatic valve sequencing; backlit LCD display is easy to read under all lighting conditions
- **Maintenance reminders** alert users to critical preventive maintenance intervals to ensure consistent, uninterrupted service
- **Easily accessible control air solenoid valves** with push to test feature
- **External communications** via Modbus accessible through the controller's RS-485 port
- **Status panel** provides quick visual indication of dryer operation, tower status and alarm annunciation

Reduce your total cost of ownership with the new XCHL Series of heatless desiccant dryers that provides clean, dry compressed air through a reliable design and superior serviceability.

*Premium Warranty**

1 Year—Standard | 4 Years—Extended | 5 Years—Total

*Parts and labor included. Contact your local distributor for more details.



SPECIFICATIONS:
XCHL SERIES | HEATLESS DESICCANT AIR DRYERS

MODEL	INLET FLOW		INLET CONNECTIONS	DIMENSIONS H × W × D		WEIGHT	
	SCFM	NM ³ /MIN		INCHES	MM	LB	KG
XCHL90	90	2.5	1" NPT	63.1 × 40.5 × 30.0	1603 × 1029 × 762	475	215
XCHL120	120	3.4	1" NPT	63.1 × 40.6 × 30.0	1603 × 1029 × 762	563	255
XCHL160	160	4.5	1 ½" NPT	66.1 × 44.5 × 32.0	1679 × 1130 × 813	707	321
XCHL200	200	5.7	1 ½" NPT	66.1 × 44.5 × 32.0	1679 × 1130 × 813	731	332
XCHL250	250	7.1	1 ½" NPT	66.8 × 48.5 × 32.0	1697 × 1232 × 813	869	394
XCHL300	300	8.5	2" NPT	66.8 × 48.5 × 33.6	1697 × 1232 × 854	924	419
XCHL400	400	11.3	2" NPT	67.8 × 52.5 × 35.8	1722 × 1334 × 910	1115	506
XCHL500	500	14.2	2" NPT	82.5 × 56.5 × 38.6	2096 × 1435 × 982	1564	709
XCHL600	600	17	2" NPT	82.5 × 56.5 × 38.6	2096 × 1435 × 982	1664	755
XCHL800	800	22.7	3" NPT	87.6 × 64.0 × 51.3	2225 × 1626 × 1303	900	408
XCHL1000	1000	28.3	3" NPT	87.6 × 64.0 × 51.3	2225 × 1626 × 1303	1100	499
XCHL1200	1200	34	3" NPT	87.6 × 64.0 × 51.3	2225 × 1626 × 1303	1270	576
XCHL1500	1500	42.5	4" FLG	80.0 × 78.0 × 61.1	2032 × 1981 × 1552	1600	726
XCHL1800	1800	51	4" FLG	91.9 × 84.0 × 60.6	2334 × 2134 × 1539	2000	907
XCHL2100	2100	59.5	4" FLG	91.9 × 84.0 × 60.6	2334 × 2134 × 1539	2340	1062
XCHL2700	2700	76.5	4" FLG	91.9 × 84.0 × 60.8	2334 × 2134 × 1544	2928	1328
XCHL3300	3300	93.5	6" FLG	100.0 × 96.0 × 66.0	2540 × 2438 × 1676	4000*	1814

*Dryer weight shown does not include desiccant. Desiccant shipped separately.

Standard Features Include:

- NEMA 4 electrical enclosure
- Digital controller
- High-strength activated alumina
- Tower pressure gauges
- High-efficiency prefilter and afterfilter
- Color change moisture indicator

Optional Features Include:

- Energy Management System (EMS) with dew point display
- Three-valve bypass
- Class 1 -73°C (-100°F) dew point
- Fail-to-shift alarm w/electronic pressure monitoring
- Ethernet
- Stainless steel control air tubing

Champion is committed to
delivering **superior products** built with
the **exceptional standards** you expect.

CHAMPION[®]

1301 North Euclid Avenue
Princeton, Illinois 61356 USA
www.ChampionPneumatic.com

