



# Heatless Desiccant Air Dryers

HLA Series

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

## HLA Series Features and 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
- **New enhanced controller** provides precise pneumatic valve sequencing; backlit LCD display is easy to read under all lighting conditions



- **New maintenance reminders** alert users to critical preventive maintenance intervals to ensure consistent, uninterrupted service
- **New 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



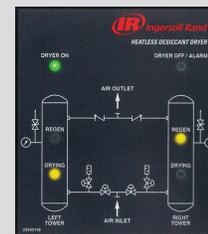
Angle seated single acting valve (up to 2" NPT)



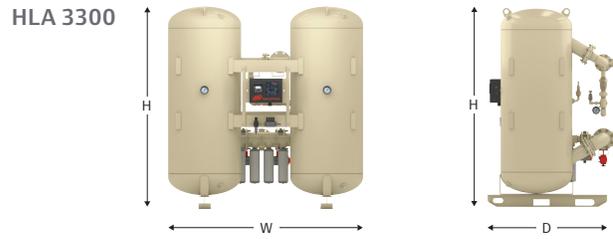
High performance double offset butterfly valve (> 2" NPT)



Intuitive system controller with backlit display



Easy to read status panel provides visual system indicators



Model	Capacity		In/Out Connection	Width		Dimensions				Weight	
	-40°C (-40°F) Dew Point nm <sup>3</sup> /min	scfm		mm	in	Depth	Height	mm	in	kg	lb
HLA90	2.5	90	1" NPT	1,029	40.5	762	30.0	1,603	63.1	215	475
HLA120	3.4	120	1" NPT	1,029	40.5	762	30.0	1,603	63.1	255	563
HLA160	4.5	160	1½" NPT	1,130	44.5	813	32.0	1,679	66.1	321	707
HLA200	5.7	200	1½" NPT	1,130	44.5	813	32.0	1,679	66.1	332	731
HLA250	7.1	250	1½" NPT	1,232	48.5	813	32.0	1,697	66.8	394	869
HLA300	8.5	300	2" NPT	1,232	48.5	854	33.6	1,697	66.8	419	924
HLA400	11.3	400	2" NPT	1,334	52.5	910	35.8	1,722	67.8	506	1,115
HLA500	14.2	500	2" NPT	1,435	56.5	982	38.6	2,096	82.5	709	1,564
HLA600	17.0	600	2" NPT	1,435	56.5	982	38.6	2,096	82.5	755	1,664
HLA800	22.7	800	3" NPT	1,626	64.0	1,303	51.3	2,225	87.6	408	900
HLA1000	28.3	1,000	3" NPT	1,626	64.0	1,303	51.3	2,225	87.6	499	1,100
HLA1200	34.0	1,200	3" NPT	1,626	64.0	1,303	51.3	2,225	87.6	576	1,270
HLA1500	42.5	1,500	4" FLG	1,981	78.0	1,552	61.1	2,032	80.0	726	1,600
HLA1800	51.0	1,800	4" FLG	2,134	84.0	1,539	60.6	2,334	91.9	907	2,000
HLA2100	59.5	2,100	4" FLG	2,134	84.0	1,539	60.6	2,334	91.9	1,062	2,340
HLA2700	76.5	2,700	4" FLG	2,134	84.0	1,544	60.8	2,334	91.9	1,328	2,928
HLA3300	93.5	3,300	6" FLG	2,438	96.0	1,676	66.0	2,540	100.0	1,814*	4,000*
HLA4000	113.3	4,000	6" FLG	2,438	96.0	1,676	66.0	2,540	100.0	1,996*	4,400*
HLA5000	141.6	5,000	6" FLG	2,591	102.0	1,829	72.0	2,337	92.0	2,540*	5,600*

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

Standard Features Include:	Optional Features Include:
NEMA 4 electrical enclosure	Energy Management System (EMS) with dew point display
Digital controller	Three-valve bypass
High-strength activated alumina	Class 1 -73°C (-100°F) dew point
Tower pressure gauges	Fail-to-shift alarm w/electronic pressure monitoring
High-efficiency prefilter and afterfilter	Ethernet
Color change moisture indicator	Stainless steel control air tubing



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