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ОСУШИТЕЛИ

ТЕХНИЧЕСКОЕ ОПИСАНИЕ



Desiccant Dryer Performance

Model	Capacity		Heater kW	Blower kW	Blower hp	In/Out Connection	Dimensions							
	-40°C Dew Point nm ³ /min	Point scfm					Width mm	Width in	Depth mm	Depth in	Height mm	Height in	Weight kg	Weight lb
HL90	2.5	90	-	-	-	1 NPT	1,029	40.5	762	30.0	1,603	63.1	215	475
HL120	3.4	120	-	-	-	1 NPT	1,029	40.5	762	30.0	1,603	63.1	255	563
HL160	4.5	160	-	-	-	1½ NPT	1,130	44.5	813	32.0	1,679	66.1	321	707
HL200	5.7	200	-	-	-	1½ NPT	1,130	44.5	813	32.0	1,679	66.1	332	731
HL250	7.1	250	-	-	-	1½ NPT	1,232	48.5	813	32.0	1,697	66.8	394	869
HL300	8.5	300	-	-	-	2 NPT	1,232	48.5	813	32.0	1,697	66.8	419	924
HL400	11.3	400	-	-	-	2 NPT	1,334	52.5	919	36.2	1,722	67.8	506	1,115
HL500	14.2	500	-	-	-	2 NPT	1,435	56.5	1,008	39.7	2,096	82.5	709	1,564
HL600	17.0	600	-	-	-	2 NPT	1,435	56.5	1,078	42.4	2,096	82.5	755	1,664
HL800	22.7	800	-	-	-	3 NPT	1,626	64.0	1,302	51.3	2,226	87.6	915	2,017
HL1000	28.3	1,000	-	-	-	3 NPT	1,626	64.0	1,302	51.3	2,226	87.6	1,015	2,237
HL1200	34.0	1,200	-	-	-	3 NPT	1,626	64.0	1,302	51.3	2,226	87.6	1,100	2,424
HL1500	42.5	1,500	-	-	-	4 FLG	1,981	78.0	1,391	54.8	2,032	80.0	1,349	2,974
HL1800	51.0	1,800	-	-	-	4 FLG	2,134	84.0	1,540	60.6	2,334	91.9	1,771	3,905
HL2100	59.5	2,100	-	-	-	4 FLG	2,134	84.0	1,540	60.6	2,334	91.9	1,941	4,279
HL2700	76.4	2,700	-	-	-	4 FLG	2,134	84.0	1,550	60.8	2,334	91.9	2,234	4,926
HL3300	93.4	3,300	-	-	-	6 FLG	2,440	96.0	1,676	66.0	2,540	100.0	1,338*	2,950*
HL4000	113.3	4,000	-	-	-	6 FLG	2,440	96.0	1,676	66.0	2,540	100.0	1,361*	3,000*
HL5000	141.6	5,000	-	-	-	6 FLG	2,590	102.0	1,830	72.0	2,337	92.0	1,792*	3,950*
EH150	4.2	150	2.0	-	-	1 NPT	1,130	44.5	813	32.0	1,676	66.0	344	758
EH200	5.7	200	3.0	-	-	1½ NPT	1,232	48.5	813	32.0	1,702	67.0	414	913
EH250	7.1	250	3.0	-	-	1½ NPT	1,334	52.5	889	35.0	1,727	68.0	508	1,119
EH300	8.5	300	3.0	-	-	1½ NPT	1,334	52.5	889	35.0	1,727	68.0	540	1,191
EH400	11.3	400	4.5	-	-	2 NPT	1,435	56.5	864	34.0	2,083	82.0	698	1,539
EH500	14.2	500	4.5	-	-	2 NPT	1,435	56.5	864	34.0	2,083	82.0	774	1,707
EH600	17.0	600	6.0	-	-	3 NPT	1,626	64.0	1,194	47.0	2,184	86.0	1,075	2,369
EH800	22.7	800	9.0	-	-	3 NPT	1,626	64.0	1,194	47.0	2,184	86.0	1,216	2,681
EH1000	28.3	1,000	9.0	-	-	3 NPT	1,994	78.5	1,219	48.0	2,032	80.0	1,380	3,043
EH1200	34.0	1,200	12.0	-	-	3 NPT	1,994	78.5	1,219	48.0	2,032	80.0	1,490	3,285
EH1500	42.5	1,500	15.0	-	-	3 NPT	2,134	84.0	1,397	55.0	2,337	92.0	2,032	4,480
EH1800	51.0	1,800	18.0	-	-	4 FLG	2,134	84.0	1,524	60.0	2,337	92.0	2,248	4,956
EH2100	59.5	2,100	18.0	-	-	4 FLG	2,134	84.0	1,524	60.0	2,337	92.0	2,427	5,350
EH3000	84.9	3,000	30.0	-	-	4 FLG	2,438	96.0	1,854	73.0	2,540	100.0	3,515	7,750
EH4000	113.3	4,000	36.0	-	-	6 FLG	2,591	102.0	2,134	84.0	2,337	92.0	4,965	10,950
EH5000	141.6	5,000	50.0	-	-	6 FLG	3,048	120.0	2,311	91.0	2,464	97.0	6,009	13,248
EH6000	169.9	6,000	60.0	-	-	6 FLG	3,353	132.0	2,413	95.0	2,616	103.0	7,120	15,696
EH8000	226.5	8,000	75.0	-	-	8 FLG	3,962	156.0	2,565	101.0	2,667	105.0	8,122	17,910
HB150	4.2	150	3.0	0.75	1.0	1 NPT	1,143	45.0	840	33.0	1,676	66.0	476	1,050
HB200	5.7	200	4.5	0.75	1.0	1½ NPT	1,245	49.0	940	37.0	1,702	67.0	522	1,150
HB250	7.1	250	6.0	1.1	1.5	1½ NPT	1,350	53.0	970	38.0	1,727	68.0	635	1,400
HB300	8.5	300	6.0	1.1	1.5	1½ NPT	1,350	53.0	970	38.0	1,727	68.0	680	1,500
HB400	11.3	400	9.0	1.5	2.0	2 NPT	1,450	57.0	1,220	48.0	2,108	83.0	862	1,900
HB500	14.2	500	12.0	1.5	2.0	2 NPT	1,450	57.0	1,220	48.0	2,108	83.0	953	2,100
HB600	17.0	600	12.0	3.7	5.0	3 NPT	1,620	64.0	1,500	59.0	2,235	88.0	1,270	2,800
HB800	22.7	800	18.0	3.7	5.0	3 NPT	1,620	64.0	1,500	59.0	2,235	88.0	1,452	3,200
HB1000	28.3	1,000	24.0	5.6	7.5	3 NPT	1,980	78.0	1,500	59.0	2,032	80.0	1,709	3,767
HB1200	34.0	1,200	24.0	5.6	7.5	3 NPT	1,980	78.0	1,500	59.0	2,032	80.0	1,860	4,100
HB1500	42.5	1,500	30.0	11.2	15.0	3 NPT	2,490	98.0	1,650	65.0	2,337	92.0	2,502	5,515
HB1800	51.0	1,800	36.0	11.2	15.0	4 FLG	2,490	98.0	1,730	68.0	2,337	92.0	2,773	6,113
HB2100	59.5	2,100	45.0	11.2	15.0	4 FLG	2,490	98.0	1,700	67.0	2,337	92.0	3,135	6,911
HB3000	84.9	3,000	60.0	14.9	20.0	6 FLG	3,050	120.0	1,980	78.0	2,540	100.0	4,413	9,730
HB4000	113.3	4,000	80.0	18.7	25.0	6 FLG	3,200	126.0	2,110	83.0	2,337	92.0	5,519	12,167
HB5000	141.6	5,000	100.0	22.4	30.0	6 FLG	3,500	138.0	2,210	87.0	2,464	97.0	6,472	14,720
HB6000	169.9	6,000	125.0	22.4	30.0	6 FLG	3,810	150.0	2,390	94.0	2,616	103.0	7,911	17,440
HB8000	226.5	8,000	175.0	29.8	40.0	8 FLG	4,270	168.0	2,490	98.0	2,667	105.0	9,026	19,900

H-8	741	1191	3	75	88	2,235	62	1,575	84	2,134	4,050	1,837
H-10	938	1,508	3	75	90	2,286	62	1,575	84	2,134	4,375	1,984
H-13	1,158	1,862	3	75	113	2,870	67	1,702	86	2,184	4,750	2,154
H-19	1,667	2,680	3	75	108	2,743	72	1,829	86	2,184	5,050	2,290
H-30	2,604	4,187	4	100	120	3,048	72	1,829	89	2,261	6,900	3,129
H-43	3,750	6,029	6	150	156	3,962	90	2,286	94	2,388	12,400	5,624
H-58	5,105	8,208	6	150	164	4,166	95	2,413	97	2,464	12,800	5,805
H-75	6,667	10,719	8	200	182	4,623	113	2,870	98	2,489	17,400	7,891
H-95	8,438	13,566	8	200	210	5,334	120	3,048	105	2,667	22,300	10,113
H-118	10,418	16,749	8	200	216	5,486	121	3,073	106	2,692	23,950	10,862
H-142	12,606	20,267	10	250	237	6,020	134	3,404	107	2,718	26,100	11,837
H-170	15,002	24,119	10	250	243	6,172	142	3,607	116	2,946	33,100	15,011

HC-7	677	1,088	2	50	80	2,032	58	1,473	99	2,515	4,650	2,109
HC-9	836	1,344	3	75	96	2,438	61	1,549	100	2,540	5,150	2,336
HC-14	1,204	1,936	3	75	109	2,769	70	1,778	101	2,565	6,000	2,721
HC-21	1,880	3,023	4	100	111	2,819	78	1,981	105	2,667	9,900	4,490
HC-30	2,708	4,354	4	100	126	3,200	104	2,642	109	2,769	10,075	4,569
HC-41	3,500	5,926	6	150	131	3,327	108	2,743	112	2,845	12,200	5,533
HC-54	4,814	7,740	6	150	140	3,556	112	2,845	115	2,921	17,300	7,846
HC-69	6,093	9,796	6	150	174	4,420	118	2,997	118	2,997	20,275	9,195
HC-85	7,522	12,093	8	200	196	4,978	148	3,759	127	3,226	23,300	10,567
HC-103	9,101	14,632	8	200	193	4,902	156	3,962	130	3,302	29,500	13,379
HC-122	10,832	17,415	8	200	215	5,461	160	4,064	134	3,404	33,300	15,102
HC-143	12,712	20,438	8	200	218	5,537	166	4,216	134	3,404	37,300	16,916
HC-166	14,743	23,703	10	250	242	6,147	172	4,369	140	3,556	42,800	19,410

60 Hz Performance

Model	Capacity@	Capacity@	Pressure Drop ⁽³⁾	Refrigeration Compressor	Operating Power ⁽⁴⁾	Dimensions			Shipping Weight	Connection
	580 psig ⁽¹⁾	450 psig ⁽²⁾				W	D	H		
	scfm (m ³ /min)	scfm (m ³ /min)	psig (bar g)	hp	kW	in (mm)	in (mm)	in (mm)	lb (kg)	Air In/Out
D890NC-HP	525 (15)	510 (14)	2.3 (0.16)	1.5	1.4	28 (711)	32.5 (826)	58 (1,473)	615 (279)	1.5" MPT
D1090NC-HP	640 (18)	625 (18)	1.8 (0.12)	2.0	1.7	28 (711)	32.5 (826)	58 (1,473)	735 (333)	2" MPT
D1340NC-HP	790 (22)	770 (22)	2.3 (0.16)	2.5	2.2	28 (711)	32.5 (826)	58 (1,473)	750 (340)	2" MPT
D2040NC-HP	1,200 (34)	1,175 (33)	2.9 (0.20)	3.5	2.8	41 (1,041)	40.0 (1,016)	62 (1,575)	1,100 (499)	3" MPT
D2770NC-HP	1,630 (46)	1,600 (45)	2.4 (0.17)	5.0	4.2	41 (1,041)	40.0 (1,016)	62 (1,575)	1,415 (642)	3" MPT
D4290NC-HP	2,525 (71)	2,470 (70)	1.6 (0.11)	9.0	7.3	33 (838)	76.0 (1,930)	69 (1,753)	2,765 (1,254)	4" FLANGE
D5635NC-HP	3,315 (94)	3,230 (91)	1.5 (0.10)	10.5	9.1	33 (838)	91.0 (2,311)	75 (1,905)	3,925 (1,780)	6" FLANGE
D7055NC-HP	4,150 (118)	4,000 (113)	1.9 (0.13)	10.5	9.6	33 (838)	91.0 (2,311)	75 (1,905)	4,165 (1,889)	6" FLANGE
D8585NC-HP	5,050 (143)	4,940 (140)	1.6 (0.11)	9.0 ⁽⁵⁾	14.6	76 (1,930)	96.0 (2,438)	100 (2,540)	5,425 (2,461)	8" FLANGE
D11280NC-HP	6,635 (188)	6,460 (183)	1.5 (0.10)	10.5 ⁽⁵⁾	18.1	76 (1,930)	96.0 (2,438)	100 (2,540)	7,125 (3,232)	8" FLANGE

Model	Capacity		In/Out Connection	Width		Depth		Height		Weight	
	-40 °C (-40 °F) Dew Point	scfm		mm	in	mm	in	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

Nirvana Cycling Refrigerated Dryer Specifications										
Model	Air Capacity m ³ /min @ 3°C/ SCFM @ 38°F	Pressure Drop		Operating kW		Dimensions		Approximate Ship Weight		Air In/Out in
		bar	g	psig	Air Cooled	Water Cooled	Width x Depth x Height mm	in	kg	
NVC200	5.7/200	0.11	1.6	2.10	1.88	711 x 762 x 1,473	28 x 30 x 58	282	620	1.5 NPT
NVC300	8.5/300	0.14	2.1	2.80	2.10	711 x 762 x 1,473	28 x 30 x 58	334	735	2 NPT
NVC400	11.3/400	0.20	2.9	3.30	2.72	711 x 762 x 1,473	28 x 30 x 58	339	745	2 NPT
NVC500	14.1/500	0.20	2.9	4.66	3.90	1,067 x 1,016 x 1,575	42 x 40 x 62	501	1,105	3 NPT
NVC600	17.0/600	0.21	3.0	5.00	4.36	1,067 x 1,016 x 1,575	42 x 40x 62	580	1,275	3 NPT
NVC700	19.8/700	0.19	2.7	6.10	4.99	1,067 x 1,016 x 1,575	42 x 40 x 62	600	1,320	3 NPT
NVC800	22.7/800	0.20	2.9	6.70	5.63	1,067 x 1,016 x 1,575	42 x 40 x 62	643	1,415	3 NPT
NVC1000	28.3/1,000	0.17	2.5	8.90	6.90	813 x 1,829 x 1,753	32 x 72 x 69	1,052	2,315	4 FLG
NVC1200	34.0/1,200	0.21	3.1	10.50	6.90	813 x 1,829 x 1,753	32 x 72 x 69	1,107	2,435	4 FLG
NVC1600	45.3/1,600	0.23	3.3	13.10	7.70	813 x 1,829 x 1,753	32 x 72 x 69	1,266	2,785	4 FLG
NVC2000	56.7/2,000	0.24	3.5	13.50	10.40	813 x 2,311 x 2,311	32 x 91 x 91	1,780	3,925	6 FLG
NVC2400	68.0/2,400	0.24	3.5	15.80	11.40	813 x 2,311 x 2,311	32 x 91 x 91	1,886	4,150	6 FLG
NVC3250	92.1/3,250	0.24	3.5	24.10	15.30	1,981 x 2,438 x 2,540	78 x 96 x 100	2,957	6,520	8 FLG
NVC4000	113.3/4,000	0.24	3.5	27.00	20.70	1,981 x 2,438 x 2,540	78 x 96 x 100	3,048	6,720	8 FLG
NVC4800	136.0/4,800	0.24	3.5	31.60	22.80	1,981 x 2,438 x 2,540	78 x 96 x 100	3,121	6,880	8 FLG
NVC6000	170.0/6,000	0.24	3.5	40.50	31.10	2,794 x 2,489 x 2,591	110 x 98 x 102	4,400	9,700	10 FLG
NVC8000	226.6/8,000	0.24	3.5	54.00	41.40	3,632 x 2,515 x 2,616	143 x 99 x 103	5,906	13,020	12 FLG

Cycling Refrigerated Air Dryer Data

Model	Capacity		kW 60 Hz	Dimensions (WxDxH)		Weight		Connection	
	scfm	m ³ /min		in	mm	lbs	kg	Size (in)	Type
D17NC	10	0.3	0.42	14x14x18	355.6x355.6x457.2	95	43	0.5	FPT
D31NC	18	0.5	0.59	14x14x18	355.6x355.6x457.2	95	43	0.5	FPT
D41NC	24	0.7	0.74	20x16x23	508.0x406.4x584.2	150	68	0.5	FPT
D59NC	35	1.0	1.20	20x16x23	508.0x406.4x584.2	170	77	.75	FPT
D85NC	50	1.4	1.36	20x16x23	508.0x406.4x584.2	170	77	.75	FPT
D127NC	75	2.1	0.78	14x35x31	355.6x889.0x787.4	140	64	1.0	MPT
D170NC	100	2.8	0.96	14x35x31	355.6x889.0x787.4	175	80	1.0	MPT
D212NC	125	3.5	1.35	14x35x31	355.6x889.0x787.4	175	80	1.5	MPT
D255NC	150	4.2	1.29	14x35x31	355.6x889.0x787.4	175	80	1.5	MPT

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