

# YUN AIR

## HL Series Refrigerated Air Dryers

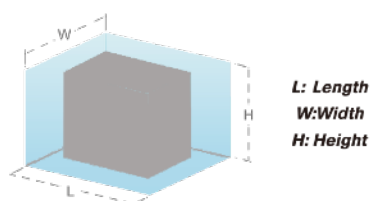
For remove bulk liquid water, 16 bar



# Product Selection

The following products are suitable for 220V 50Hz, 380V 50Hz voltage. For other voltage inquires customized:

Model No.	Air flow rate (m³/min)	Power	Input power (kw)	Inlet/outlet	Refrigerant type	Weight (kg)	Dimensions L*W*H (mm)
HL010	1.2	220V 50Hz	0.37	RC 3/4"	R134a	34	480*380*665
HL020	2.4	220V 50Hz	0.52	RC 3/4"	R134a	42	520*410*725
HL030	3.6	220V 50Hz	0.73	RC 1"	R410a	50	580*460*785
HL060	6.5	220V 50Hz	1.26	RC 1-1/2"	R410a	63	700*540*910
HL080	8.5	220V 50Hz	1.87	RC 2"	R410a	73	770*590*990
HL100	11.0	220V 50Hz	2.43	RC 2"	R410a	85	770*590*990
HL120	13.5	220V 50Hz	2.63	RC 2"	R410a	94	800*610*1030
HL150	17.0	380v 50Hz	3.00	DN50	R407c	180	1000*850*1143
HL200	23.0	380v 50Hz	3.70	DN65	R407c	210	1100*900*1203
HL250	27.0	380v 50Hz	5.80	DN80	R407C	350	1200*950*1273
HL300	33.0	380v 50Hz	6.10	DN80	R407C	420	1450*1000*1350
HL400	42.0	380v 50Hz	8.00	DN100	R407C	550	1550*1100*1403
HL500	55.0	380v 50Hz	9.20	DN100	R407C	680	1680*1300*1600
HL600	65.0	380v 50Hz	10.10	DN100	R407C	780	1750*1450*1680
HL800	85.0	380v 50Hz	12.00	DN125	R407C	920	1950*1500*1900



## Correction Factor

The air flow under different working conditions can be obtained by multiplying the nominal flow in the above table with the correction factor. (For example: actual dryer handling capacity = nominal flow rate x coefficient A x coefficient B x coefficient C x coefficient D)

A	Working pressure	barg	3	4	5	6	7	8	9	10	11	12
	Correction factor		0.69	0.79	0.88	0.95	1	1.05	1.09	1.12	1.15	1.18
B	Inlet temperature	°C	30	35	40	42	45	50	55	60		
	Correction factor		1.48	1.29	1.08	1	0.9	0.75	0.63	0.52		
C	Embient temperature	°C	20	25	30	35	38	40	45	50		
	Correction factor		1.16	1.12	1.08	1.03	1	0.98	0.8	0.52		
D	Dew point	°C	3	5	7	10						
	Correction factor		0.70	0.80	0.90	1.00						