



## GE SERIES LOW TEMPRETURE REFRIGERATED AIR DRYERS



## Specifications

### Standard Operating Conditions and Technical Data

- Ø Rating pressure: 0.8MPa
- Ø Pressure Loss:  $\leq 0.03$  Mpa
- Ø Inlet temperature:  $\leq 40^{\circ}\text{C}$
- Ø Dew point:  $3-10^{\circ}\text{C}$
- Ø Max work pressure: 1.0 Mpa
- Ø Air inlet oil content:  $\leq 2$ PPm
- Ø Ambient temperature:  $\leq 40^{\circ}\text{C}$

### Main characteristics

- Ø The interface ,the unique inclined plane design with simple man-machine ,the easily style gate lock, is convenient and rapid.
- Ø Classic ,neat and compact structure design. Science and technology aes - thetics - specialization.
- Ø Pre-cooler of copper gas-gas ,the evaporator of copper, more sufficient for exchanging heat.
- Ø The supper volume of whirlwind separator can remove water at all.
- Ø The best parts, The best design, The longest life.
- Ø All electrical intelligence control, no “ice machine”, more reliable and save energy.

## Type and technical Specifications

Model	Flow Capacity (m <sup>3</sup> /min)	Air Connections	Compressor Power(Hp)	Power (Kw)	Freon Gas	Electrical	Drain	Dimension (W×L×H)mm			Approx Weight (Kg)
NL-GE0.5	0.7	G1/2	1/2	0.45	R22	220/1/50	G1/4"	361	344	457	38
NL-GE1	1.2	G1/2	1/2	0.45				580	400	570	53
NL-GE1.6	1.6	G1	1/2	0.45				690	440	570	65
NL-GE2	2.6	G1	1/2	0.6				690	440	570	65
NL-GE3	3.8	G1	1-1/4	0.9				790	440	700	75
NL-GE4	4.5	G1	1-1/4	0.98				790	440	700	75
NL-GE6	6.8	G1-1/2	1-1/4	1.1				1126	529	971	170
NL-GE-8	8.5	G1-1/2	1-1/4	1.2				1126	529	971	170
NL-GE10	11	G2	1-1/4	1.6				1126	529	971	170
NL-GE13	13.6	G2	1-3/4	1.85				1126	632	1050	200
NL-GE15	17	G2	1-3/4	2		1126	632	1050	200		
NL-GE20	22	G3	3-1/2	3.6		1589	756	1475	270		
NL-GE25	27	G3	3-1/2	4		1589	756	1475	280		
NL-GE30	36	G3	4-3/4	5		1589	756	1475	300		
NL-GE40	46	G4	7	7		1662	735	1878	700		
NL-GE50	56	G4	9	9		1662	735	1878	700		
NL-GE60	68	150F	12	11		1850	1200	1940	980		
NL-GE80	87	150F	15	14		2200	1300	2000	1200		
NL-GE100	110	200F	2-9	18		2500	1450	2200	1500		
NL-GE130	140	200F	2-12	20		3000	1800	2500	2200		
NL-GE150	160	200F	2-15	28	3000	2000	2600	2500			

## Correction Factors table

Correction Factors For Inlet Pressure		Correction Factors For Inlet Temperature		Correction Factors For Ambient Temp	
Mpa	Pc	°C	Tc	°C	Ac
0.4	1.17	27	0.66	27	0.92
0.6	1.10	32	0.82	32	0.95
0.8	1.00	38	1.00	38	1.00
1.0	0.96	43	1.21	43	1.07
1.4	0.92	49	1.42	49	1.16

Actual compressed air flow choice=Standard operating mode compressed air flow × Pc × Tc × Ac  
 Note:We have the right to change the data at any time if need



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