



# Company Introduction

# **Nawooel Co.,Ltd**

# General Introduction

NAWOOEL was founded in 2002 and located in Gimposi, Gyeonggi-do, Republic of Korea.

We started as a Electrical Heater maker, but has been making 'Industrial dehumidifier' and 'Industrial portable air-conditioner', and also produce Air-purifier, too.

In Korean market, we have been recognized as the No.1 supplier with industrial dehumidifier for 9 years.

Whereas, as far as the global market is concerned, we are now currently looking for an overseas agent who would like to expand its business volume with us for our major product line-us mentioned below 1)~4), so it would be highly appreciated if you contact us for our mutual business expansion.

Company name                    NAWOOEL.,CO.,LTD

Total Sales at 2020            \$16.4 Million

Main Products

- 1) Industrial Dehumidifier
- 2) Industrial Portable Air Conditioner
- 3) Air Purifier
- 4) Electrical heater

English Website                    [en.nawooel.com](http://en.nawooel.com)

# Company Organization



## Nawooel co.,ltd

Overseas sales manager : Mr.Vincent  
E-mail: [sjkwon@nawooel.com](mailto:sjkwon@nawooel.com)  
Tel (Office): +82-70-4044-8281  
Tel (Mobile): +82-10-7587-2481  
Wechat ID: simonkwon7

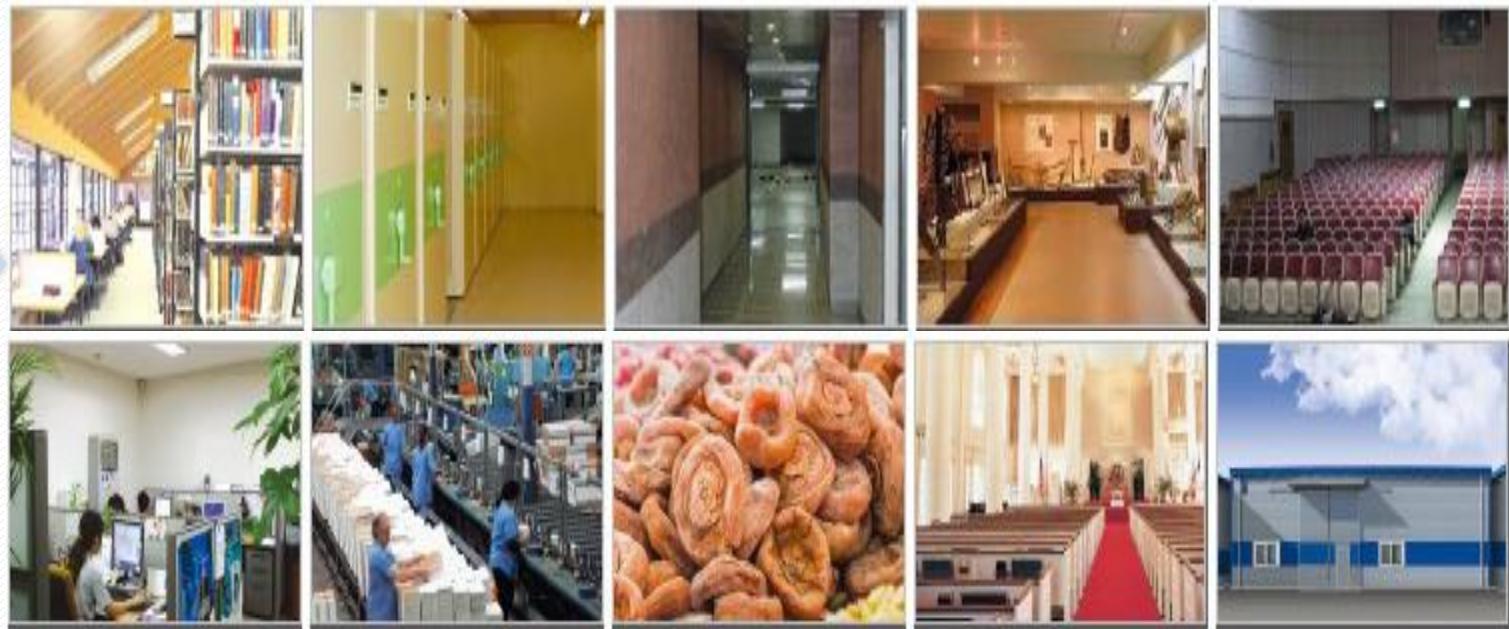


# 1) NAWOOEL's Industrial Dehumidifier applications

**Industrial dehumidifier is necessary item in the following places:**

- In a company : 1) Warehouse 2) Machine room 3) Basement in building 4) Office, etc.
- In a Factory where humidity control & management are necessary
- School, Library, Church, Elevator halls, Corridors, etc also will need dehumidifier

Dehumidifier  
necessary  
for the  
places..



# Major competence of Nawooel's Industrial dehumidifier

1) Highly energy efficient 'Rotary Compressor' makes it possible to save the energy

2) Superior dehumidifying capacity thanks to the heat exchange system

3) In case of Ceiling-Mount type models (Model: NED-035C, 052C) fan operates as 20 min. interval at stand-by mode for deciding automatically whether it's right time to operate again (patent by 'Korean Intellectual Property Office')

4) Wheel with strong durability for the convenient move

## NED-045 series



Model	NED-045DT	NED-045DP
Dehumidifying Capacity	45L/day, 30°C 80%)	45L/day, 30°C 80%)
Power Consumption	400 W/h	400 W/h
Rated voltage	AC220V 60Hz	AC220V 60Hz
Dehumidifying adjustment range	10~95%	10~95%
Refrigerant	R-410A	R-410A
Air Volume	4.8 CMM	4.8 CMM
Wind Speed	7.1 m/s	7.1 m/s
Weight	27 kg	27 kg
Operating temperature	18~32°C	18~32°C
Product Packing Size	565(W)X760(H)X460(D)mm	565(W)X760(H)X460(D)mm
Drain method	Drainage by Water bucket (Water bucket capacity: 6L)	Drainage by Pump (Hose size: Inner diameter 8Ø)
Loading Q'ty for 20FT	150	150
Loading Q'ty for 40FT	315	315

## NED-085 series (same size with NED-045 series)



Model	NED-085	NED-085N	NED-085P
Dehumidifying Capacity	85L/day, 30°C 80%)	85L/day, 30°C 80%)	85L/day, 30°C 80%)
Power Consumption	980 W/h	980 W/h	980 W/h
Rated voltage	AC220V 60Hz	AC220V 60Hz	AC220V 60Hz
Dehumidifying adjustment range	10~95%	10~95%	10~95%
Refrigerant	R-410A	R-410A	R-410A
Air Volume	8.2 CMM	8.2 CMM	8.2 CMM
Wind Speed	13.5 m/s	13.5 m/s	13.5 m/s
Weight	34 kg	34 kg	34 kg
Operating temperature	18~32°C	18~32°C	18~32°C
Product size	565(W)X760(H)X460(D) mm	565(W)X760(H)X460(D) mm	565(W)X760(H)X460(D) mm
Drain method	Drainage by Water bucket (Water bucket capacity: 6L)	Natural Drainage (Hose size: Inner diameter 16Ø)	Drainage by Pump (Hose size: Inner diameter 8Ø)
Loading Q'ty for 20FT	150	150	150
Loading Q'ty for 40FT	315	315	315

## NED-125 series



Model	NED-125	NED-125P
Dehumidifying Capacity	120L/day (30°C 80%)	120L/day (30°C 80%)
Power Consumption	1,300 W/h	1,300 W/h
Rated voltage	AC220V 60Hz	AC220V 60Hz
Dehumidifying adjustment range	10~95%	10~95%
Refrigerant	R-410A	R-410A
Air Volume	13 CMM	13 CMM
Wind Speed	13 m/s	13 m/s
Weight	60 kg	60 kg
Operating temperature	18~32°C	18~32°C
Product Packing Size	600(W)X1,180(H)X510(D)mm	600(W)X1,180(H)X510(D)mm
Drain method	Natural Drainage (Hose size: Inner diameter 16Ø)	Drainage by pump (Hose size: Inner diameter 8Ø)
Loading Q'ty for 20FT	72	72
Loading Q'ty for 40HQ	100	100

## NED-285 series



Model	NED-285	NED-285P
Dehumidifying Capacity	280L/day (30°C 80%)	280L/day (30°C 80%)
Power Consumption	2,400 W/h	2,400 W/h
Rated voltage	AC220V 60Hz	AC220V 60Hz
Dehumidifying adjustment range	10~95%	10~95%
Refrigerant	R-410A	R-410A
Air Volume	15.5CMM	15.5CMM
Wind Speed	11.5 m/s	11.5 m/s
Weight	90 kg	90 kg
Operating temperature	18~32°C	18~32°C
Product Packing Size	690(W)X1,340(H)X630(D)mm	690(W)X1,340(H)X630(D)mm
Drain method	Natural Drainage (Hose size: Inner diameter 19Ø )	Drainage by Pump (Hose size: Inner diameter 8Ø )
Loading Q'ty for 20FT	40	40
Loading Q'ty for 40HQ	88	88

# Korean Domestic market : No. 1 supplier of Industrial dehumidifier

In Korean domestic market, particularly in Korean Public Procurement Service market, NAWOOEL has been recognized as No.1 supplier of 'Dehumidifier' for 10 consecutive years.



Company Name	2018	2019	2020
NAWOOEL	76%	68%	71%
A	15%	20%	16%
B	5%	7%	8%
Others	4%	5%	5%
sum	100%	100%	100%

# Installation photos of Industrial dehumidifier

- Installed site: Food ingredient warehouse
- Model: NED-125



# Installation photos of Industrial dehumidifier

- Installed site: Elevator Hall
- Model: NED-066DP (Duct type)



# Installation photos of Industrial dehumidifier

-Installed site: Elevator machine room

-Model: Duct type Dehumidifier



# Installation photos of Industrial dehumidifier

- Installed site: Cafeteria in a school
- Model: NED-215P (Dehumidifying capacity: 210L/day)



# Installation photos of Industrial dehumidifier

-Installed site: Logistics center

-Model: NED-1080P (Dehumidifying capacity: 1080L/day)



## 2) Nawooel's Industrial portable air-conditioner

In places such as warehouse, auto repair shop, factory, kitchen room of cafeteria, auditorium, etc where you need to lower the temperature, by targeting specific area



# Major competence of Nawooel's Industrial portable air-conditioner

- 1) Highly energy efficient 'Rotary Compressor' makes it possible to save the energy
- 2) Dual fan motor installed at condenser & evaporator keeps the powerful cooling capacity even in over 40°C temperature
- 3) Nawooel's air-conditioner can be used as industrial dehumidifier when users want  
ex) 3 modes: Cooling, Dehumidifying, Blowing
- 4) Thanks to the High performance motor (wind speed: 12~15m/s per each discharging port) can surpass for about 30% faster than other brands

# Major product line-up of Industrial portable air-conditioner

## NE-IRC1000SF



<b>Model</b>	<b>NE-IRC1000SF</b>
Cooling Capacity	3,500 kcal/h (4,070W)
Application area	30m <sup>2</sup>
Discharging port	1
Power Consumption	1,200W/h
Rated Current	220V/60Hz
Dehumidifying Capacity	40L/day
Refrigerant	R-22
Air volume	8.3 CMM
Wind speed	14.5 m/s
Weight	55.8 kg
Operating temperature	18~45 °C
Body Size	570 x 1,130 x 610 (WxHxD mm)
Drain Method	Natural drain(Basic) Automatic drain(can be purchased if required)
Drain Hose Size	Natural drain (Outer diameter: 21Ø, Inner diameter: 16Ø) Automatic drain using pump (Outer diameter: 12Ø, Inner diameter: 8Ø)
Pump-up head	Vertical: 8m, Horizontal: 16m
Loading Q'ty for 20FT	60
Loading Q'ty for 40HQ	168

# Major product line-up of Industrial portable air-conditioner

NEC-2013D



NEC-3013D



Model	NEC-2013D	NEC-3013D
Cooling Capacity	5,500kcal/h (6,400W)	6,800kcal/h (7,908W)
Application area	55 m <sup>2</sup>	68 m <sup>2</sup>
Discharging port	2	3
Power Consumption	2,300 W/h	2,750 W/h
Rated Current	220V/60Hz	220V/60Hz
Dehumidifying Capacity	110 L/day	140 L/day
Refrigerant	R-22	R-22
Air volume	11.8 CMM	15.5 CMM
Wind speed	12 m/s	12 m/s
Weight	65 kg	78 kg
Operating temperature	18~45 °C	18~45 °C
Body Size	570 X 1,370 X 700 (WxHxD mm)	570 X 1,370 X 700 (WxHxD mm)
Drain Method	Automatic drain (Drain pump is installed when delivering)	Automatic drain (Drain pump is installed when delivering)
Drain Hose Size	Outer diameter: 12Ø, Inner diameter: 8Ø	Outer diameter: 12Ø, Inner diameter: 8Ø
Pump-up head	Vertical: 8m, Horizontal: 16m	Vertical: 8m, Horizontal: 16m
Loading Q'ty for 20FT	30	30
Loading Q'ty for 40HQ	63	63

# Major product line-up of Industrial portable air-conditioner

NEC-2015D



NEC-3015D



Model	NEC-2015D	NEC-3015D
Cooling Capacity	6,000kcal/h (6,978W)	7,500kcal/h (8,723W)
Application area	60 m <sup>2</sup>	75 m <sup>2</sup>
Discharging port	2	3
Power Consumption	2,350 W/h	3,000 W/h
Rated Current	220V/60Hz	220V/60Hz
Dehumidifying Capacity	110 L/day	140 L/day
Refrigerant	R-22	R-22
Air volume	13 CMM	15.5 CMM
Wind speed	13 m/s	12 m/s
Weight	88.4 kg	94.6 kg
Operating temperature	18~45 °C	18~45 °C
Body Size	590 X 1,410 X 700 (WxHxD mm)	590 X 1,410 X 700 (WxHxD mm)
Drain Method	Water bucket(Basic)	Water bucket(Basic)
	Natural drain(Option)	Natural drain(Option)
	Automatic drain(can be purchased if required)	Automatic drain(can be purchased if required)
Drain Hose Size	Natural drain (Outer diameter: 25Ø, Inner diameter: 19Ø)	Natural drain (Outer diameter: 25Ø, Inner diameter: 19Ø)
	Automatic drain using pump (Outer diameter: 12Ø, Inner diameter: 8Ø)	Automatic drain using pump (Outer diameter: 12Ø, Inner diameter: 8Ø)
Pump-up head	Vertical: 8m, Horizontal: 16m	Vertical: 8m, Horizontal: 16m
Loading Q'ty for 20FT	27	27
Loading Q'ty for 40HQ	60	60

# Installation photos of Industrial Portable Air-Conditioner

-Installed site: Machine room

-Model: NEC-3015D (Dehumidifying capacity: 140L/day)



# Installation photos of Industrial Portable Air-Conditioner

-Installed site: Kitchen

-Model: NEC-2015D (Dehumidifying capacity: 110L/day)



# Installation photos of Industrial Portable Air-Conditioner

- Installed site: Elevator hall
- Model: NEC-2015D (Dehumidifying capacity: 110L/day)



# Installation photos of Industrial Portable Air-Conditioner

- Installed site: Factory of pipe manufacturing company
- Model: NEC-2013D (Dehumidifying capacity: 110L/day)



# Installation photos of Industrial Portable Air-Conditioner

- Installed site: Effective microorganisms center
- Model: NEC-2013D (Dehumidifying capacity: 110L/day)



### 3) Where you need Nawooel's Air-Purifier

In places such as school, auditorium, office, hospital, museum, gym, church, etc  
Where you need clean and fresh air, so NAWOOEL's air-purifier can be applied to anywhere.



Best choice for clean air!



# Major competence of Nawooel's Air-Purifier

Based on the fine dust concentration level, Nawooel's

- 1) Air-purifier adjust air volume automatically when setting the 'AUTO' mode

- 2) 3-Steps of filtering system

- i) Pre-filter: relatively big-size dust filtering
- ii) Micro dust collection filter: removes 99.5% of 0.3 $\mu\text{m}$  size of ultra fine dust
- iii) Deodorization filter: removes offensive odor, harmful gas, substance causing 'sick house syndrome'.

- 3) 9 levels of air volume adjustment function

air volume adjustment is possible from 1 to 9 level  
(only except NEAC-W3000, W3800 model)

# Major product line-up of Air-Purifier

## NEAC-1500



Model	NEAC-1500
Application area	52.7
Power Consumption	29W (KC Standard)
Rated Current	AC220V/60Hz
Sensor checking range for fine dust	0~999
Air volume adjustability	9
Weight	26.5kg
Product size	610 X 850 X 490 (WxHxDmm)
Filter	Washable Pre-filter + Combine filter (Combine filter: Deodorization+Hepa)
Combine filter size & necessary no.	397.5 X 463.5 (1 EA)
Energy Efficiency Grade	1
Loading Q'ty for 20FT	72
Loading Q'ty for 40HQ	190

# Major product line-up of Air-Purifier

NEAC-3000



Model	NEAC-3000
Application area	101.3
Power Consumption	56W (KC Standard)
Rated Current	AC220V/60Hz
Sensor checking range for fine dust	0~999
Air volume adjustability	9
Weight	38.5kg
Product size	610 X 1,870 X 490 (WxHxDmm)
Filter	Washable Pre-filter + Combine filter (Combine filter: Deodorization+Hepa)
Combine filter size & necessary no.	397.5 X 350 (2 EA)
Energy Efficiency Grade	1
Loading Q'ty for 20FT	36
Loading Q'ty for 40HQ	95

# Major product line-up of Air-Purifier

## NEAC-4500



Model	NEAC-4500
Application area	135.3
Power Consumption	77W (KC Standard)
Rated Current	AC220V/60Hz
Sensor checking range for fine dust	0~999
Air volume adjustability	9
Weight	63kg
Product size	590 X 1,870 X 490 (WxHxDmm)
Filter	Washable Pre-filter + Combine filter (Combine filter: Deodorization+Hepa)
Combine filter size & necessary no.	397.5 X 350 (3 EA)
Energy Efficiency Grade	1
Loading Q'ty for 20FT	36
Loading Q'ty for 40HQ	100

# Major product line-up of Air-Purifier

## NEAC-W3000



Model	NEAC-W3000
Application area	97m <sup>2</sup>
Power Consumption	56W (KC Standard)
Rated Current	AC220V/60Hz
Sensor checking range for fine dust	0~999
Air volume adjustability	3
Weight	38kg
Product size	1,110 X 780 X 610 (WxHxDmm)
Filter	Washable Pre-filter + Combine filter (Combine filter: Deodorization+Hepa)
Combine filter size & necessary no.	397.5 X 350 (2 EA)
Energy Efficiency Grade	1
Loading Q'ty for 20FT	42
Loading Q'ty for 40HQ	120

# Installation photos of Air-Purifier

-Installed site: Show room of public organization

-Model: NEAC-3000



# Installation photos of Air-Purifier

-Installed site: Office room in a company

-Model: NEAC-4500



# Installation photos of Air-Purifier

-Installed site: Office room in a company

-Model: NEAC-W3000



## 4) Where you need Nawooel's Electric Heater

In places such as school, auditorium, meeting room, hospital, museum, gym, etc  
Where you need warm atmosphere, so NAWOOEL's electric heater can be applied to anywhere.

Best choice for  
warm atmosphere!!



# Major competence of Nawooel's Electric Heater

1) Using electricity, so Fuel charge is not necessary!

2) No spark → Always keep space safe when using electric heater  
(3~6 levels of safe shut-down function applied)

3) Applying galvanized steel sheet to exterior  
: more rigid and safe than plastic material



## Major product line-up of Electric Heater

All other specification of NE-80HS is the same as NE-80S only except Hepa filter. **Hepa filter** is for removing fine dust.

NE-80S/80HS



Portable wheel

Model	NE-80S	NE-80HS
Heating Capacity	2,752 kcal/h	2,752 kcal/h
Application area	21.16 m <sup>2</sup>	21.16 m <sup>2</sup>
Power Consumption	3.2 kw/h	3.2 kw/h
Input Voltage	1Ø 220V	1Ø 220V
Operating Temperature	0~32 °C	0~32 °C
Air Volume (CMM)	7.8 (Max) / 6.3(Min)	7.8 (Max) / 6.3(Min)
Weight	14.6 kg	14.6 kg
Product size	360 x 755 x 300(WxHxDmm)	360 x 755 x 300(WxHxDmm)
Power connection	plug cord into the outlet	plug cord into the outlet

## NE-120PS~NE-300PS models



Model	NE-120PS	NE-170PS	NE-220PS	NE-300PS
Heating Capacity	4300 kcal/h	6,020 kcal/h	7,740 kcal/h	10,320 kcal/h
Application area	30.06 m <sup>2</sup>	46.28 m <sup>2</sup>	59.5 m <sup>2</sup>	79.33 m <sup>2</sup>
Power Consumption	5 kw/h	7 kw/h	9 kw/h	12 kw/h (Max) 9 kw/h (Min)
Input Voltage	1Ø220V/3Ø220 3Ø380V 4-Phase	1Ø220V/3Ø220 3Ø380V 4-Phase	1Ø220V/3Ø220 3Ø380V 4-Phase	3Ø220 3Ø380V 4-Phase
Operating Temperature	0~32 °C	0~32 °C	0~32 °C	0~32 °C
Air Volume (CM M)	13(max)/11.4(min)	18.5(max)/15.6(min)	24(max)/20.34(min)	29(max)/26(min)
Weight	26kg	27kg	40kg	43kg
Product size	414x1,210x300 (WxHxD mm)	414x1,210x300 (WxHxD mm)	514x1,460x300 (WxHxD mm)	514x1,460x300 (WxHxD mm)
Power connection	plug cord into circuit breaker			

## NE-300NS~NE-750NS models



Model	NE-300NS	NE-400NS	NE-550NS	NE-750NS
Heating Capacity	10,836 kcal/h	14,448 kcal/h	19,350 kcal/h	25,800 kcal/h
Application area	83.31 m <sup>2</sup>	111.07 m <sup>2</sup>	148.76 m <sup>2</sup>	198.35 m <sup>2</sup>
Power Consumption	12.6 kw/h(Max) 8.4kw/h(Min)	16.8 kw/h(Max) 12.6 kw/h(Min)	22.5 kw/h(Max) 15 kw/h(Min)	30 kw/h(Max) 22.5 kw/h(Min)
Input Voltage	3Ø220 3Ø380V 4-Phase	3Ø220 3Ø380V 4-Phase	3Ø220 3Ø380V 4-Phase	3Ø220 3Ø380V 4-Phase
Operating Temperature	0~32 °C	0~32 °C	0~32 °C	0~32 °C
Air Volume (CMM)	38(max)/30(min)	45(max)/36(min)	69(max)/47(min)	72(max)/56(min)
Weight	60kg	62.7kg	85.5kg	90kg
Product size	550x1,750x350 (WxHxD mm)	550x1,750x350 (WxHxD mm)	800x1,750x350 (WxHxD mm)	800x1,750x350 (WxHxD mm)
Power connection	plug cord into circuit breaker	plug cord into circuit breaker	plug cord into circuit breaker	plug cord into circuit breaker

## NE-930NS, 1200NS models



Model	NE-930NS	NE-1200NS
Heating Capacity	32,680 kcal/h	43,000 kcal/h
Application area	251.24 m <sup>2</sup>	330.58 m <sup>2</sup>
Power Consumption	38 kw/h(Max) 25 kw/h(Min)	50 kw/h(Max) 38 kw/h(Min)
Input Voltage	3Ø220 3Ø380V 4-Phase	3Ø220 3Ø380V 4-Phase
Operating Temperature	0~32 °C	0~32 °C
Air Volume (CMM)	136(max)/119(min)	160(max)/140(min)
Weight	111.8kg	120kg
Product size	1,010x1,800x510 (WxHxD mm)	1,010x1,800x510 (WxHxD mm)
Power connection	plug cord into circuit breaker	plug cord into circuit breaker

# Installation photos of Electric Heater

-Installed site: Corridor of a school

-Model: NE-1200NS



# Installation photos of Electric Heater

-Installed site: Distillery

-Model: NE-300NS



# Installation photos of Electric Heater

-Installed site: Sports center

-Model: NE-930NS



We, NAWOOLEL, are waiting for the sales partner who would like to expand your business in your country with our products such as industrial dehumidifier, air-conditioner, air-purifier, and Electric heater.

A photograph of two business people in dark blue suits shaking hands. They are positioned in front of a large, semi-transparent digital interface. The interface features a blue and white color scheme with various data visualizations: a circular progress bar at the top, a grid of binary code (0s and 1s) on the left and right sides, and a stylized city skyline with a prominent skyscraper in the center. The overall theme is modern technology and business collaboration.

**We are waiting for you!**