



preair

IAQ EQUIPMENTS SUPPLIER

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# FOCUS ON HUMIDITY CONTROL SINCE 1999



**33000m<sup>2</sup>**  
Factory Area



**400 + EMPLOYEES**  
Skilled Employees



**5**  
Production Lines



**25 YEARS**  
Dehumidifier Manufacturing

Zhejiang Preair Electrical Appliance Industry Co., Ltd. is an innovative enterprise committed to improving the global humidity problem, taking scientific and technological innovation as its own responsibility, aiming to build a world-class commercial dehumidifier leading brand and provide customers with professional system solutions in the field of humidity control. In 1999, the first independent research and development production of dehumidifier came out, more than 20 years, focus on dehumidifier research and development, adhering to the global operation, diversified development concept, for hundreds of millions of users to create a dry and comfortable environment for the vision, sales network not only throughout the country, but also opened up North America, South America, Europe, Southeast Asia, Africa, Australia and other international markets. In the future, we will continue with the mission of "working to improve the global humidity problem" for billions of users Home to create a comfortable and dry environment.

# CERTIFICATIONS



REACH



UK  
CA



# RESTORATION SERIES



# LGR85E



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	5.8	
Power (W)	655	
Dehumidification Capacity/24Hrs	86°F/80%RH	145PPD
	80°F/60%RH	85PPD
	104°F/20%RH	16PPD
	90°F/90%RH	165PPD
Operating Temperature Range	41°F -104°F	
Operating Humidity Range	20%RH-90%RH	
Body Size	21.3*12.3*17.5in	
Packaging Dimensions	24.4*16.9*20in	
Net Weight	70lbs	
Gross Weight	77lbs	
Refrigerant	R32/12.3 Oz	
Housing	PE (Rotomold)	
Display Panel	LCD	
20GP / 40GP / 40HQ	196/404/505	
Filter	SUS304	
Drain Pipe Length	20ft	



### COLOR OPTIONS



### OPTIONAL



# LGR105E



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	7.9	
Power (W)	875	
Dehumidification Capacity/24Hrs	86°F/80%RH	165PPD
	80°F/60%RH	105PPD
	104°F/20%RH	22PPD
	90°F/90%RH	195PPD
Operating Temperature Range	41°F - 104°F	
Operating Humidity Range	20%RH-90%RH	
Body Size	22.7*16.6*17.7in	
Packaging Dimensions	25*19.7*20.7in	
Net Weight	75 lbs	
Gross Weight	81.6 lbs	
Refrigerant	R32/14.8oz	
Housing	PE (Rotomold)	
Display Panel	LCD	
20GP / 40GP / 40HQ	156/328/410	
Filter	SUS304	
Drain Pipe Length	20ft	



### COLOR OPTIONS



### OPTIONAL



# LGR125E



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	8.9	
Power (W)	1015	
Dehumidification Capacity/24Hrs	86°F/80%RH	200PPD
	80°F/60%RH	125PPD
	104°F/20%RH	23PPD
	90°F/90%RH	250PPD
Operating Temperature Range	41°F - 104 °F	
Operating Humidity Range	20%RH-90%RH	
Body Size	24.2*16.7*18.5in	
Packaging Dimensions	28.3*19.3*20.7in	
Net Weight	83.7 lbs	
Gross Weight	91.5 lbs	
Refrigerant	R32/15.8oz	
Housing	PE (Rotomold)	
Display Panel	LCD	
20GP / 40GP / 40HQ	140/292/365	
Filter	SUS304	
Drain Pipe Length	20ft	



## COLOR OPTIONS



## OPTIONAL





# LGR155E



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	9.5	
Power (W)	1070	
Dehumidification Capacity/24Hrs	86°F/80%RH	240PPD
	80°F/60%RH	155PPD
	104°F/20%RH	25PPD
	90°F/90%RH	300PPD
Operating Temperature Range	41°F - 104 °F	
Operating Humidity Range	20%RH-90%RH	
Body Size	24.2*16.7*18.5in	
Packaging Dimensions	28.3*19.3*20.7in	
Net Weight	89 lbs	
Gross Weight	96.3 lbs	
Refrigerant	R32/19.4oz	
Housing	PE (Rotomold)	
Display Panel	LCD	
20GP / 40GP / 40HQ	140/292/365	
Filter	SUS304	
Drain Pipe Length	20ft	



## COLOR OPTIONS



## OPTIONAL



# LGR85LE



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	5.5	
Power (W)	620	
Dehumidification Capacity/24Hrs	86°F80%RH	145PPD
	80°F60%RH	85PPD
	104°F20%RH	20PPD
	90°F90%RH	165PPD
Operating Temperature Range	41°F -104°F	
Operating Humidity Range	20%RH-90%RH	
Body Size	18.8*18.6*23.9in	
Packaging Dimensions	23.4*20*25in	
Net Weight	72.7lbs	
Gross Weight	82.7lbs	
Refrigerant	R32/13oz	
Housing	PE (Rotomold)	
Display Panel	LCD	
20GP / 40GP / 40HQ	126/ 267/ 356	
Filter	SUS304	
Drain Pipe Length	20ft	



## COLOR OPTIONS



## OPTIONAL



# LGR85LSE



## SPECIFICATIONS

Power	115V/60Hz
Rated Current (A) 65°F 60%RH	4.4
Power (W) 65°F 60%RH	480
Dehumidification Capacity/24Hrs 65°F60%RH	48PPD
80°F60%RH	75PPD
90°F90%RH	140PPD
Operating Temperature Range	41°F -104°F
Operating Humidity Range	20%RH-90%RH
Body Size	18.8*18.6*23.9in
Packaging Dimensions	23.4*20*25in
Net Weight	73lbs
Gross Weight	79lbs
Refrigerant	R32/13oz
Housing	PE (Rotomold)
Display Panel	LCD
20GP / 40GP / 40HQ	126/ 267/ 356
Filter	SUS304
Drain Pipe Length	20ft



### COLOR OPTIONS



### OPTIONAL



# LGR120LE



## SPECIFICATIONS

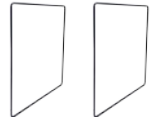
Power	115V/60Hz	
Rated Current (A)	8.5	
Power (W)	970	
Dehumidification Capacity/24Hrs	86°F80%RH	210PPD
	80°F60%RH	120PPD
	104°F20%RH	18PPD
	90°F90%RH	240PPD
Operating Temperature Range	41°F -104°F	
Operating Humidity Range	20%RH-90%RH	
Body Size	21.3*20.5*30.2in	
Packaging Dimensions	23.6*26.4*33.5in	
Net Weight	109lbs	
Gross Weight	116lbs	
Refrigerant	R32/17.6oz	
Housing	PE (Rotomold)	
Display Panel	LCD	
20GP / 40GP / 40HQ	54/ 114/ 171	
Filter	SUS304	
Drain Pipe Length	20ft	



## COLOR OPTIONS



## OPTIONAL



# LGR165LE



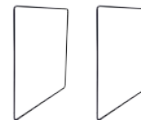
## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	10.2	
Power (W)	1130	
Dehumidification Capacity/24Hrs	86°F/80%RH	280PPD
	80°F/60%RH	165PPD
	104°F/20%RH	27PPD
	90°F/90%RH	350PPD
Operating Temperature Range	41°F - 104 °F	
Operating Humidity Range	20%RH-90%RH	
Body Size	22.04*21.6*33.16in	
Packaging Dimensions	27*25*34.6in	
Net Weight	126lbs	
Gross Weight	137.8lbs	
Refrigerant	R32/26.50z	
Housing	PE (Rotomold)	
Display Panel	LCD	
20GP / 40GP / 40HQ	54/108/162	
Filter	SUS304	
Drain Pipe Length	20ft	

### COLOR OPTIONS



### OPTIONAL



# LGR165LSE



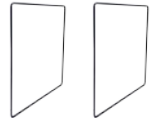
## SPECIFICATIONS

Power	115V/60Hz
Rated Current (A) 65°F 60%RH	5.3
Power (W) 65°F 60%RH	578
Dehumidification Capacity/24Hrs 65°F60%RH	83PPD
80°F60%RH	140PPD
90°F90%RH	250PPD
Operating Temperature Range	41°F - 104 °F
Operating Humidity Range	20%RH-90%RH
Body Size	22*23*33in
Packaging Dimensions	27*25*34.6in
Net Weight	126lbs
Gross Weight	137.8lbs
Refrigerant	R32/26.5 Oz
Housing	PE (Rotomold)
Display Panel	LCD
20GP / 40GP / 40HQ	54/108/162
Filter	SUS304
Drain Pipe Length	20ft

### COLOR OPTIONS



### OPTIONAL



# GREENHOUSE SERIES



# PRO165



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	9.7	
Power (W)	1068	
Dehumidification Capacity/24Hrs	86°F/80%RH	265PPD
	80°F/60%RH	165PPD
	90°F/90%RH	300PPD
Operating Temperature Range	41°F - 104°F	
Operating Humidity Range	20%RH-90%RH	
Body Size	26*25*42in	
Packaging Dimensions	28.6*28.2*49in	
Net Weight	163 lbs	
Gross Weight	191.8 lbs	
Refrigerant	R410A/42.3 Oz	
Housing	Sheet Metal	
Display Panel	LCD	
20GP / 40GP / 40HQ	24/48/96	
Filter	SUS304	
Drain Pipe Length	20ft	

## COLOR OPTIONS





# PRO230



## SPECIFICATIONS

Power	230V/60Hz	
Rated Current (A)	7.7	
Power (W)	1770	
Dehumidification Capacity/24Hrs	86°F80%RH	350PPD
	80°F60%RH	230PPD
	90°F90%RH	500PPD
Operating Temperature Range	41°F -104°F	
Operating Humidity Range	20%RH-90%RH	
Body Size	32*20*20in	
Packaging Dimensions	37*24.8*26.6in	
Net Weight	141 lbs	
Gross Weight	156 lbs	
Refrigerant	R410A/53 Oz	
Housing	Sheet Metal	
Display Panel	LCD	
20GP / 40GP / 40HQ	63/126/126	
Filter	MERV11	
Drain Pipe Length	20ft	



### COLOR OPTIONS



### OPTIONAL REMOTE CONTROL



# PRO300

## SPECIFICATIONS



Power	230V/60Hz	
Rated Current (A)	8.9	
Power (W)	2010	
Dehumidification Capacity/24Hrs	86°F/80%RH	465PPD
	80°F/60%RH	300PPD
	90°F/90%RH	630PPD
Operating Temperature Range	41°F - 104 °F	
Operating Humidity Range	20%RH-90%RH	
Body Size	31.5*24.8*23.6 in	
Packaging Dimensions	37*30*34 in	
Net Weight	176 lbs	
Gross Weight	193 lbs	
Refrigerant	R410A/67 Oz	
Housing	Sheet Metal	
Display Panel	LCD	
20GP / 40GP / 40HQ	36/74/111	
Filter	MERV11	
Drain Pipe Length	20ft	



### COLOR OPTIONS



### OPTIONAL REMOTE CONTROL



# PRO330

## SPECIFICATIONS

Power	230V/60Hz	
Rated Current (A)	8.3	
Power (W)	1860	
Dehumidification Capacity/24Hrs	86°F/80%RH	500PPD
	80°F/60%RH	330PPD
	90°F/90%RH	670PPD
Operating Temperature Range	41°F - 104 °F	
Operating Humidity Range	20%RH-90%RH	
Body Size	31.5*24.8*23.6 in	
Packaging Dimensions	37*30*33.5 in	
Net Weight	176 lbs	
Gross Weight	193 lbs	
Refrigerant	R410A/70.5 Oz	
Housing	Sheet Metal	
Display Panel	LCD	
20GP / 40GP / 40HQ	36/74/111	
Filter	MERV11	
Drain Pipe Length	20ft	



### COLOR OPTIONS



### OPTIONAL REMOTE CONTROL



# PRO500N



## SPECIFICATIONS

Power	230V/60Hz	
Rated Current (A)	13.3	
Power (W)	2900	
Dehumidification Capacity/24Hrs	86°F/80%RH	800PPD
	80°F/60%RH	500PPD
	90°F/90%RH	950PPD
Operating Temperature Range	41°F - 104°F	
Operating Humidity Range	20%RH-90%RH	
Body Size	49.2*31.5*31.9 in	
Packaging Dimensions	53.3*35.4*39.3 in	
Net Weight	308.6 lbs	
Gross Weight	385.8lbs	
Refrigerant	R410A//105.8 Oz	
Housing	Sheet Metal	
Display Panel	LCD	
20GP / 40GP / 40HQ	20/42/42	
Filter	MERV11	
Drain Pipe Length	20ft	



## COLOR OPTIONS



## OPTIONAL REMOTE CONTROL



# WHOLE HOUSE SERIES



# WH70E



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	4.3	
Power (W)	490	
Dehumidification Capacity/24Hrs	86°F80%RH	100PPD
	80°F60%RH	70PPD
	90°F90%RH	140PPD
Operating Temperature Range	41°F - 104 °F	
Operating Humidity Range	20%RH-90%RH	
Body Size	28.4*12.4*12.7 in	
Packaging Dimensions	32.9*16.7*16.9 in	
Net Weight	65 lbs	
Gross Weight	73 lbs	
Refrigerant	R32/13.6 Oz	
Filter	MERV11	
Display Panel	LED	
20GP / 40GP / 40HQ	175/350/420	
Fresh air function	NO	
Drain Pipe Length	10.5ft	

## COLOR OPTIONS



# WH95E



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	5.6	
Power (W)	640	
Dehumidification Capacity/24Hrs	86°F80%RH	173PPD
	80°F60%RH	95PPD
	90°F90%RH	210PPD
Operating Temperature Range	41°F - 104 °F	
Operating Humidity Range	20%RH-90%RH	
Body Size	32.1*14.7*18.9 in	
Packaging Dimensions	35.6*19.1*23.8 in	
Net Weight	87 lbs	
Gross Weight	96.7 lbs	
Refrigerant	R32/17.6 Oz	
Filter	MERV11	
Display Panel	LED	
20GP / 40GP / 40HQ	90/183/244	
Fresh air function	YES	
Drain Pipe Length	10.5ft	

## COLOR OPTIONS



# WH135 E



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	7.5	
Power (W)	860	
Dehumidification Capacity/24Hrs	86°F80%RH	224PPD
	80°F60%RH	135PPD
	90°F90%RH	290PPD
Operating Temperature Range	41°F - 104 °F	
Operating Humidity Range	20%RH-90%RH	
Body Size	32.1*14.7*20.6 in	
Packaging Dimensions	35.6*19.1*25.4 in	
Net Weight	99 lbs	
Gross Weight	109.5 lbs	
Refrigerant	R32/25 Oz	
Filter	MERV11	
Display Panel	LED	
20GP / 40GP / 40HQ	90/183/244	
Fresh air function	YES	
Drain Pipe Length	10.5ft	

## COLOR OPTIONS





# HD70E



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	6.6	
Power (W)	750	
Dehumidification Capacity/24Hrs	86°F 80%RH	100PPD
	80°F 60%RH	70PPD
	90°F 90%RH	135PPD
Operating Temperature Range	41°F -104°F	
Operating Humidity Range	20%RH-90%RH	
Body Size	27.7*12.6*11 in	
Packaging Dimensions	32.9*17*16.7 in	
Net Weight	55 lbs	
Gross Weight	62 lbs	
Refrigerant	R32/9.9 Oz	
Housing	Sheet Metal	
Display Panel	LED	
20GP / 40GP / 40HQ	175/350/420	
Filter	SUS304	
Drain Pipe Length	20ft	

## COLOR OPTIONS



# HD103E



## SPECIFICATIONS

Power	115V/60Hz	
Rated Current (A)	7.1	
Power (W)	780	
Dehumidification Capacity/24Hrs	86°F80%RH	165PPD
	80°F60%RH	103PPD
	90°F90%RH	208PPD
Operating Temperature Range	41°F - 104°F	
Operating Humidity Range	20%RH-90%RH	
Body Size	27.2*14.7*15 in	
Packaging Dimensions	30*18.9*19.5 in	
Net Weight	70lbs	
Gross Weight	80lbs	
Refrigerant	R32/10.9 Oz	
Housing	Sheet Metal	
Display Panel	LED	
20GP / 40GP / 40HQ	144/292/365	
Filter	SUS304	
Drain Pipe Length	20ft	

## COLOR OPTIONS



# FAN BLOWER



# PA-LO-U1000



## SPECIFICATIONS

Power Input	115V/60Hz
Power	1/4hp
Current	1.2/1.8amp
Rpm	1550rpm
Air Volume	1000cfm
Max Air Speed	16m/s
Distance	6.5m / 22ft
Unit Size	550*420*215mm / 14*11*13in
Box Size	575*450*245mm / 15*12*14in
N.W.	10kg / 8.6lbs
Loading QTY	20GP 480pcs 40GP 900pcs 40HQ 1100pcs

## COLOR OPTIONS





# PREAIR ELECTRICAL

<https://www.prair.com>