

Алматы (7273)495-231  
Ангарск (3955)60-70-56  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Благовещенск (4162)22-76-07  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Владикавказ (8672)28-90-48  
Владимир (4922)49-43-18  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Коломна (4966)23-41-49  
Кострома (4942)77-07-48  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Курган (3522)50-90-47  
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Новокузнецк (3843)20-46-81  
Ноябрьск (3496)41-32-12  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Петрозаводск (8142)55-98-37  
Псков (8112)59-10-37

Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Саранск (8342)22-96-24  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Сыктывкар (8212)25-95-17  
Тамбов (4752)50-40-97

Тверь (4822)63-31-35  
Тольятти (8482)63-91-07  
Томск (3822)98-41-53  
Тула (4872)33-79-87  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Улан-Удэ (3012)59-97-51  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Чебоксары (8352)28-53-07  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Чита (3022)38-34-83  
Якутск (4112)23-90-97  
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

[www.zhongneng.nt-rt.ru](http://www.zhongneng.nt-rt.ru) | | [zge@nt-rt.ru](mailto:zge@nt-rt.ru)

# Технические характеристики на одноступенчатые вакуумные машины для очистки изоляционного масла ZYB-A PLC, ZYB, ZYA PLC, ZY-W компании **Zhongneng**

# New Designed Single Stage Vacuum Transformer Oil Purification Machine

This machine is special for purifying various of insulating oils including unqualified transformer oil, mutual inductor oil and circuit breaker oil etc.

Model:ZY-30                      Brand:ZHONGNENG

Code:8421299

090 Product

Description

Technical Specification

**Application:**

It is widely applied to areas of power station, transformer substation, railway, petroleum, chemical and metallurgy. Also it is the best choice for filling oil into power equipment and drying moisture of power equipment.

**Features:**

- 1.This machine is small, hi-efficient, convenient. And it can be operated with electrical, vacuum filling oil into the power equipment and drying moisture of power equipment.
- 2.Distinctive remove-impurity technology,which filters the impurity through double FH trapezoidal network and absorbing by high polymer without the mechanical power.
- 3.Bi-infrared liquid Duplex 3D evaporation technology, dewatering and degassing very effectively.
- 4.Any insulating oil can be treated on-line at the working site

**Advantages:**

This machine adopts an high effective vacuum and the internationally advanced stereo-evaporation technology, which enable highly effective removal of water, gas and impurities without cutting off power, shutdown of machine and change of oil, which allows transformers running as energized.

Technical Specification							
Item	Unit	ZY-20	ZY-30	ZY-50	ZY-100	ZY-150	ZY-200
Flow Rate	L/min	20	30	50	100	150	200
Vacuum Degree	MPa	-0.08 ~-0.095					
Working Pressure	MPa	≤0.3			≤0.5		
Temperature Range	℃	10 ~80					
Power Supply		380V, 3PHASE, 50HZ (Or as needed)					
Working Noise	dB(A)	≤75	≤75	≤75	≤80	≤80	≤80
Heating Power	kW	18	24	30	45	60	72
Total Power	kW	22	28	35	50	68	80
Inlet (outlet) caliber	mm	25	25	32	42	50	50
Dimension	mm	1500×900×1550	1600×900×1650	1600×900×1700	1600×950×1700	1600×950×1800	1700×1000×1900
Weight	Kg	400	450	600	800	850	900
Breakdown Voltage	kV	≥70					
Water Content	PPM	≤5					
Gas Content	%	≤0.1					
Particles Size	μm	≤1~5(Without Free Carbon)					
Cleanliness		≤NAS 1638 Grade 6					



## ZYA PLC Full Automatic Single Stage Vacuum Transformer Oil Purifier

Share ...

This machine adopts PLC full automatic control system to use for the electric controls, it is special for purifying various of insulating oils including unqualified transformer oil, mutual inductor oil and circuit breaker oil etc. It is widely applied to areas of power station, transformer substation, railway, petroleum, chemical and metallurgy. Also it is the best choice for filling oil into power equipment and drying moisture of power equipment.



Model:ZY-30

Brand:ZHONGNENG

Code:8421299090

Product Description
Technical Specification

### Features:

- 1.This machine is small, hi-efficient, convenient. And it can be operated with electrical, vacuum filling oil into the power equipment and drying moisture of power equipment.
2. Distinctive remove-impurity technology,which filters the impurity through double FH trapezoidal network and absorbing by high polymer without the mechanical power.
- 3.Bi-infrared liquid Duplex 3D evaporation technology, dewatering and degassing very effectively.
- 4.Any insulating oil can be treated on-line at the working site

### Advantages:

This machine can be operated fully automatic, easy to observe the machine working status, it is high technology and labor saving. It adopts an high effective vacuum and the internationally advanced stereo-evaporation technology, which enable highly effective removal of water, gas and impurities without cutting off power, shutdown of machine and change of oil, which allows transformers running as energized.

Technical Specification							
Item	Unit	ZY-20	ZY-30	ZY-50	ZY-100	ZY-150	ZY-200
Flow Rate	L/min	20	30	50	100	150	200
Vacuum Degree	MPa	-0.08 ~-0.095					
Working Pressure	MPa	≤0.3			≤0.5		
Temperature Range	℃	10 ~80					
Power Supply		380V, 3PHASE, 50HZ (Or as needed)					
Working Noise	dB(A)	≤75	≤75	≤75	≤80	≤80	≤80
Heating Power	kW	18	24	30	45	60	72
Total Power	kW	22	28	35	50	68	80
Inlet (outlet) caliber	mm	25	25	32	42	50	50
Dimension	mm	1500×900×1550	1600×900×1650	1600×900×1700	1600×950×1700	1600×950×1800	1700×1000×1900
Weight	Kg	400	450	600	800	850	900
Breakdown Voltage	kV	≥70					
Water Content	PPM	≤5					
Gas Content	%	≤0.1					
Particles Size	μm	≤1~5(Without Free Carbon)					
Cleanliness	≤NAS 1638 Grade 6						

# ZY Single Stage High Efficiency Vacuum Transformer Oil Purifier



## Product Description

### Application:

This machine is special for purifying various of insulating oils including unqualified transformer oil, mutual inductor oil and circuit breaker oil etc. It is widely applied to areas of power station, transformer substation, railway, petroleum, chemical and metallurgy. Also it is the best choice for filling oil into power equipment and drying moisture of power equipment.

### Features:

- 1.This machine is small, hi-efficient, convenient. And it can be operated with electrical, vacuum filling oil into the power equipment and drying moisture of power equipment.
2. Distinctive remove-impurity technology,which filters the impurity through double FH trapezoidal network and absorbing by high polymer without the mechanical power.
- 3.Bi-infrared liquid Duplex 3D evaporation technology, dewatering and degassing very effectively.
- 4.Any insulating oil can be treated on-line at the working site

### Advantages:

This machine adopts an high effective vacuum and the internationally advanced stereo-evaporation technology, which enable highly effective removal of water, gas and impurities without cutting off power, shutdown of machine and change of oil, which allows transformers running as energized.

Item	Unit	ZY-20	ZY-30	ZY-50	ZY-100	ZY-150	ZY-200
Flow Rate	L/min	20	30	50	100	150	200
Vacuum Degree	MPa	-0.08 ~ -0.095					
Working Pressure	MPa	≤0.3			≤0.5		
Temperature Range	℃	10 ~ 80					
Power Supply		380V, 3PHASE, 50HZ (Or as needed)					
Working Noise	dB(A)	≤75	≤75	≤75	≤80	≤80	≤80
Heating Power	kW	18	24	30	45	60	72
Total Power	kW	22	28	35	50	68	80
Inlet (outlet) caliber	mm	25	25	32	42	50	50
Dimension	mm	1500×900×1550	1600×900×1650	1600×900×1700	1600×950×1700	1600×950×1800	1700×1000×1900
Weight	Kg	400	450	600	800	850	900
Breakdown Voltage	kV	≥70					
Water Content	PPM	≤5					
Gas Content	%	≤0.1					
Particles Size	μm	≤1~5(Without Free Carbon)					
Cleanliness		≤NAS 1638 Grade 6					

Dimensions will be changed if any special type required

Technical Specification							
Item	Unit	ZYB-20	ZYB-30	ZYB-50	ZYB-100	ZYB-150	ZYB-200
Flow Rate	L/min	20	30	50	100	150	200
Vacuum Degree	MPa	-0.08 ~-0.095					
Working Pressure	MPa	≤0.3			≤0.5		
Temperature Range	℃	10 ~80					
Power Supply		380V, 3PHASE, 50HZ (Or as needed)					
Working Noise	dB(A)	≤75	≤75	≤75	≤80	≤80	≤80
Heating Power	kW	18	24	30	45	60	72
Total Power	kW	22	28	35	50	68	80
Inlet (outlet) caliber	mm	25	25	32	42	50	50
Dimension	mm	1500×900×1550	1600×900×1650	1600×900×1700	1600×950×1700	1600×950×1800	1700×1000×1900
Weight	Kg	400	450	600	800	850	900
Breakdown Voltage	kV	≥70					
Water Content	PPM	≤5					
Gas Content	%	≤0.1					
Particles Size	μm	≤1~5(Without Free Carbon)					
Cleanliness	≤NAS 1638 Grade 6						

## ZYB-A PLC Full Automatic Single Stage Vacuum Transformer Oil Regeneration Purifier

Series ZYB-A PLC Full Automatic Single Stage Vacuum Transformer Oil Regeneration Purifier is equipped with PLC, so it can operate automatically. ZYB-A is apply to overhaul and install the electric insulating equipments which are running as energized such as transformer oil, switch oil and mutual inductor oil. It is especially apply to regenerate and purify the seriously deteriorated insulating oil.



Model:ZY-20

Brand:ZHONGNENG

Code:8421299090

## Product Description

## Technical Specification

1. Besides the common vacuum oil purifier's function of dewatering, degassing and eliminating impurities, this machine can regenerate the seriously deteriorated oil by removing the polarity materials such as the deep oxides, free carbon in the oil effectively. It can make the seriously deteriorated oil reach to the normal index like anti-oxides, acid-alkali water-

2. Three ways of using: the vacuum dehydration, degassing and particles removal system. They can work independently, so dose the regeneration oil system, and also they can work at the same time.

3.The performance and lifetime of insulating oil will improve and extend awfully after purification and regeneration.

### Advantages:

It can not only remove the water, gas and impurities which mixed in the oil, but also can improve many values reach to the national standard such as the acid value, PH value. Meanwhile, it improves the voltage-withstand value through filtering the polarity materials like free carbon, deep oxides and so on.

## Technical Specification

Item	Unit	ZYB-20	ZYB-30	ZYB-50	ZYB-100	ZYB-150	ZYB-200
Flow Rate	L/min	20	30	50	100	150	200
Vacuum Degree	MPa	-0.08 ～-0.095					
Working Pressure	MPa	≤0.3			≤0.5		
Temperature Range	℃	10 ～80					
Power Supply		380V, 3PHASE, 50HZ (Or as needed)					
Working Noise	dB(A)	≤75	≤75	≤75	≤80	≤80	≤80
Heating Power	kW	18	24	30	45	60	72
Total Power	kW	22	28	35	50	68	80
Inlet (outlet) caliber	mm	25	25	32	42	50	50
Dimension	mm	1500×900×1550	1600×900×1650	1600×900×1700	1600×950×1700	1600×950×1800	1700×1000×1900
Weight	Kg	400	450	600	800	850	900
Breakdown Voltage	kV	≥70					
Water Content	PPM	≤5					
Gas Content	%	≤0.1					
Particles Size	μm	≤1~5(Without Free Carbon)					
Cleanliness	≤NAS 1638 Grade 6						

# ZY-W Enclosed Weather Proof Type Single Stage Vacuum Transformer Oil Purifier



## Product Description

### Application:

According to user's requirements, we developed Series ZY-W Enclosed Weather Proof Type Transformer Oil Purifier, this machine is weather proof type, dust proof, and completely enclosed by high quality metalic housing. This machine is special for purifying various of insulating oils including unqualified transformer oil, mutual inductor oil and circuit breaker oil etc. It is widely applied to areas of power station, transformer substation, railway, petroleum, chemical and metallurgy. Also it is the best choice for filling oil into power equipment and drying moisture of power equipment.

### Features:

- 1.This machine is small, hi-efficient, convenient. And it can be operated with electrical, vacuum filling oil into the power equipment and drying moisture of power equipment.
- 2. Distinctive remove-impurity technology,which filters the impurity through double FH trapezoidal network and absorbing by high polymer without the mechanical power.
- 3.Bi-infrared liquid Duplex 3D evaporation technology, dewatering and degassing very effectively.
- 4.Any insulating oil can be treated on-line at the working site

### Advantages:

This machine adopts an high effective vacuum and the internationally advanced stereo-evaporation technology, which enable highly effective removal of water, gas and impurities without cutting off power, shutdown of machine and change of oil, which allows transformers running as energized.

Item	Unit	ZY-20	ZY-30	ZY-50	ZY-100	ZY-150	ZY-200
Flow Rate	L/min	20	30	50	100	150	200
Vacuum Degree	MPa	-0.08 ~ -0.095					
Working Pressure	MPa	≤0.3			≤0.5		
Temperature Range	℃	10 ~ 80					
Power Supply		380V, 3PHASE, 50HZ (Or as needed)					
Working Noise	dB(A)	≤75	≤75	≤75	≤80	≤80	≤80
Heating Power	kW	18	24	30	45	60	72
Total Power	kW	22	28	35	50	68	80
Inlet (outlet) caliber	mm	25	25	32	42	50	50
Dimension	mm	1500×900×1550	1600×900×1650	1600×900×1700	1600×950×1700	1600×950×1800	1700×1000×1900
Weight	Kg	400	450	600	800	850	900
Breakdown Voltage	kV	≥70					
Water Content	PPM	≤5					
Gas Content	%	≤0.1					
Particles Size	μm	≤1~5(Without Free Carbon)					
Cleanliness		≤NAS 1638 Grade 6					

Dimensions will be changed if any special type required

Алматы (7273)495-231  
Ангарск (3955)60-70-56  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Благовещенск (4162)22-76-07  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Владикавказ (8672)28-90-48  
Владимир (4922)49-43-18  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Коломна (4966)23-41-49  
Кострома (4942)77-07-48  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Курган (3522)50-90-47  
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Новокузнецк (3843)20-46-81  
Ноябрьск (3496)41-32-12  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Петрозаводск (8142)55-98-37  
Псков (8112)59-10-37

Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Саранск (8342)22-96-24  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54  
Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Сыктывкар (8212)25-95-17  
Тамбов (4752)50-40-97

Тверь (4822)63-31-35  
Тольятти (8482)63-91-07  
Томск (3822)98-41-53  
Тула (4872)33-79-87  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Улан-Удэ (3012)59-97-51  
Уфа (347)229-48-12  
Хабаровск (4212)92-98-04  
Чебоксары (8352)28-53-07  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Чита (3022)38-34-83  
Якутск (4112)23-90-97  
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

[www.zhongneng.nt-rt.ru](http://www.zhongneng.nt-rt.ru) | | [zge@nt-rt.ru](mailto:zge@nt-rt.ru)