



VTD Series Transformer Oil Purifier



Note :
Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!

Application

This equipment is mainly used to remove gas, water and impurities in insulation oil and improve its dielectric strength. It can also be used for pumping vacuum for transformer, vacuum oil injection and thermal oil circulation.

Technical Specification :

Item	Unit	VTD – 50	VTD – 100	VTD – 150	VTD – 200	VTD – 250	VTD – 300
Capacity	L/min	50	100	150	200	250	300
Working vacuum	Pa	≤ 50					
Limit vacuum	Pa	≤ 2					
Working pressure	Mpa	≤ 0.4					
Temperature control range	$^{\circ}\text{C}$	$20 \sim 80$					
Power supply	/	380V/ 50HZ, 3 phase 4 wire					
Noisy	dB(A)	$\leq 65 \sim 80$					
Time of failure – free operation	H	≥ 4000					
Continuous working time	H	≥ 150					
Electrical heat power	Kw	30	72	96	144	168	192
Total power	Kw	35	80	105	155	182	210
Diameter of inlet and outlet	Mm	$\Phi 32$	$\Phi 42$	$\Phi 50$	$\Phi 50$	$\Phi 60$	$\Phi 60$
Weight	Kg	850	1000	1350	1850	2200	2500
Oil index after treatment	Breakdown voltage	KV	≥ 80				
	Water content	Ppm	≤ 3				
	Delectric loss	Tg ϕ (90 $^{\circ}\text{C}$) %	≤ 0.5				
	Acidity	mgKOH/g	≤ 0.03				
	Gas content	%	≤ 0.1				
	Particle	One for 100ml	≤ 900 ($\geq 5\mu\text{m}$) or customize				