

# Product selection manual



# HQLY-1 on-load tap-changer on-line oil purifier

## 1. Product cartridge

Under the normal operation of the transformer, the on-load tap-changer online oil purifier effectively removes impurities such as high carbon, water, metal particles and other oxidizing substances in the insulating oil of the on-load tap-changer, ensuring the insulation strength and service life of the insulating oil, reducing the number of power outage maintenance, and improving the accessibility of the on-load tap-changer.

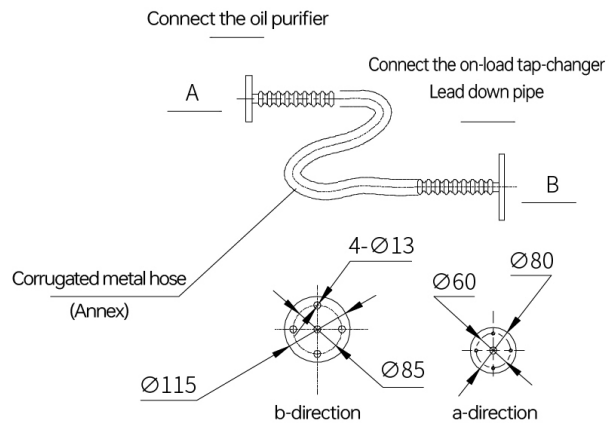
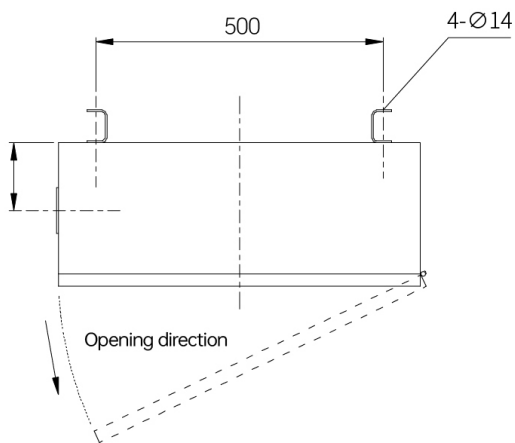
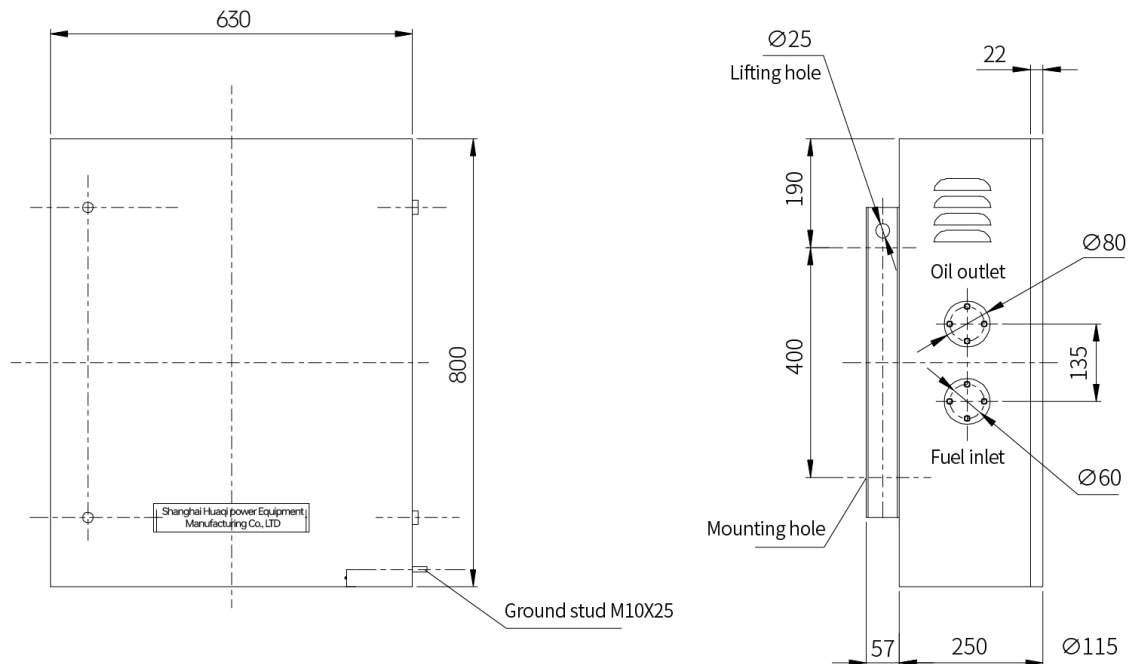
## 2. Product characteristics

On-load tap-changer online oil purifier is a product with independent intellectual property rights independently developed by our company's technical personnel based on the principle of precision filtration. The transformer oil containing impurities is filtered through the two-stage filter, and then enters the on-load tap-changer oil chamber through the gear pump to avoid the impact of impurities on the gear pump caused by blocking, wear too fast, and excessive dry sound. The machine realizes the flexible control of timing start by multi-function time control switch.

## 3. HQLY-1 Technical specifications

item	Technical characteristics		unit	Technical data	
				HQLY-1 (Standard board)	HQLY-1 (exit plate)
1	Rated pressure		MPa	0.5	
2	Rated flow		L/min	6	
3	Motor parameter	power	kW	0.18	
		voltage	V	AC380	Depending on the country of use
4	Filter element model			A220G06BM	
5	Water filter element model			A12CCW10	
6	Inlet/outlet flange specifications			DN10/DN15	
7	Working mode			Manual/automatic/timing/remote control	
8	Class of protection			IP55	
9	Overall dimension		mm	630×780×307	
10	weight		Kg	70	
11	Box material			Carbon steel powder sprayingv	Stainless steel
12	Electrical element			Domestic famous brand	Domestic famous brand

#### 4. HQLY-1 outline size drawing



Note: 1, please specify the hose length when ordering, the standard is 1.5 meters.

2, please make clear whether you need an external tee pipe when ordering.

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