

# HK HJ HE

**Series** Oil cooler for grinding liquid, cutting liquid

**Series** Oil cooler for cutting liquid

**Series** Oil cooler for E.D.M.



## Feature

- Prevent deterioration of liquid.
- Open coil type heat exchanger can prevent the obstruction problem of liquid circulating system.
- Advance the speed of process.
- Maintain the stability of dielectric fluid, advance the process quality.
- Avoid fire risk cause by temperature rise and accumulating of dielectric fluid, advance the working safety.
- Reduce the wastage of electrode.
- Prevent the spreading of foul odor air, reduce the air pollution.
- Easy operation and low noise.
- Made of anticorrosive material.



## Specification

Item / Model		HK-250S	HK-400S	HK-600S	HK-750S	HK-900S	HK-1000S	HK-2RS	HK-3RS	HK-4RS	HK-5RS
Cooling capacity	KCAL/H 50/60Hz	840/1000	1250/1500	1700/2100	2600/3000	3200/3800	3750/4500	5000/6000	7500/9000	10000/12000	12500/15000
	W 50/60Hz	980/1170	1450/1750	1970/2450	2900/3500	3700/4400	4350/5250	5800/7000	8700/10500	11600/14000	14500/17500
	BTU/H 50/60Hz	3360/4000	5000/6000	6700/8300	10000/12000	12800/15200	15000/18000	20000/24000	30000/36000	40000/48000	50000/60000
Temperature controller	A	Fixed temperature control type (setting range 10~40 °C)									
	B	Differential temperature control type (tracing ambient/machine body temperature, setting range -9.9~+9.9°C)									
Use range	Ambient temperature °C	10~40°C (Standard)									
	Oil temperature °C	10~45°C									
Power source		3Ø 200~230V 50/60Hz									
Motor	Compressor	478	845	845	1185	1500	1170	2320	3690	4540	6210
	Fan	50	50	50	95	125	125	125	560	750	750
Mixing motor (Optional)		60W 4P						60W 4P×2			
Applicable liquid		Cutting oil, grinding oil, water-soluble liquid, water									
Applicable oil viscosity		0.5~200 cSt									
Dimension WxDxH (mm)		370x450x810	460x450x720		530x500x720	600x600x820	600x600x820	740x680x840	810x750x920		960x885x1760
Weight (KG)		332	60	64	75	100	100	150	178	332	332
Noise level		Below 70 dB(A)						Below 80 dB(A)			

1. The above cooling capacity is based on the condition of ambient temperature 35°C, oil temperature 35°C with oil type of ISO VG2.

2. Please contact us for special request on specification.

3. Different voltage is available, please specify upon request.

4. Design and specification are subject to change without prior notice.

5. The mixing motor is an optional component, please specify during enquiry.