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Report number: YZ-SY-20240739

Test report



Product name: Industrial chiller

Entrusted unit: Zibo Lizhiyuan Electromechanical Equipment Co., Ltd.

Inspection Category: Type Inspection

Beijing Yingzhun detection technology service Co., Ltd

Inspection seal

Beijing undying Testing Technology Service Co., Ltd

Address: 4th Floor, Block A, No. 46 Yudaihe East Street, Tongzhou District, Beijing/4th Floor, No. 46 River East Street, Zhengzhou District, Beijing

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客户及样品信息	委托单位	淄博力之源机电设备有限公司		
	委托单位地址	山东省淄博市淄川区仲楼街道辛庄社区居委会西 100 米		
	生产单位	淄博力之源机电设备有限公司		
	生产单位地址	山东省淄博市淄川区仲楼街道辛庄社区居委会西 100 米		
	样品名称	工业冷水机	商标	/
	样品数量	5 台	样品单号	/
	规格型号	CW5200 SCH1500 H3500 HLFL1500 HLUL-5	产品等级	/
检验类别	型式检验	样品状态	完好、无异常	
到样日期	2024 年 09 月 18 日	完成日期	2024 年 10 月 14 日	
依据标准	GB/T 18430.1-2007《蒸气压缩循环冷水(热泵)机组 第 1 部分: 工业或商业用及类似用途的冷水(热泵)机组》 GB 19577-2015《冷水机组能效限定值及能效等级》			
检验项目	根据客户要求依据标准对送检样品进行了检测, 具体检测项见后续页。			
检验结论	经检验, 所测试项目符合要求。			
补充说明	委托检验仅对来样负责, 不承担其他连带责任。			



批准人:

审核人:

编制人:

地址: 北京市通州区玉带河东街 46 号院 A 座 4 层/4th Floor, No.46 River East Street, Zhengzhou District, Beijing

如若对检测报告有异议, 应于收到报告之日起 15 日内向检测单位提出, 逾期不予受理。

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Test results:

序号	检测项目	依据标准	技术要求	检测结果	单项判定
1	气密性、真空、压力实验	GB/T 18430.1-2007	泄露率低于14g/a	符合要求	合格
2	绝缘电阻	GB/T 18430.1-2007	额定电压单相交流220V, 三相交流380V 时应不小于1M Ω ; 额定电压三相交流3000V, 6000V时应不 小于5M Ω ; 额定电压三相交流10000V时应不小于 10 M Ω .	符合要求	合格
3	耐电压	GB/T 18430.1-2007	在绝缘电阻试验后, 应无击穿和闪络	符合要求	合格
4	运转	GB/T 18430.1-2007	机组出厂前应进行运转试验, 机组应无异 常	符合要求	合格
5	外观	GB/T 18430.1-2007	外表清洁、涂漆光滑	符合要求	合格
6	制冷量、消耗电 功率	GB/T 18430.1-2007	1、制冷量应不小于名义规定值的95%; 2、机组消耗总电功率应不大于机组名义 消耗电功率的110%; 3、冷(热)水、冷却水的压力损失应不 大于机组名义规定值的115%.	符合要求	合格
7	制热量、消耗电 功率	GB/T 18430.1-2007	1、热泵制热量应不小于名义规定值的 95%; 2、带有辅助电加热热泵制热机组的辅助 电加热功率消耗应不大于名义消耗电功 率的105%.	符合要求	合格
8	耐湿	GB/T 18430.1-2007	进行耐湿试验后, 绝缘电阻和耐电压分别 符合标准规定	符合要求	合格
9	性能系数	GB/T 18430.1-2007	见附表一	符合要求	合格
10	最大负荷	GB/T 18430.1-2007	机组按最大负荷工况运行时, 电动机、电 器元件、连接接线及其他部位应正常工作	符合要求	合格
11	噪声和震动	GB/T 18430.1-2007	不超过明示值	符合要求	合格

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12	能效限定值	GB 19577-2015	风冷式 或蒸发冷却式	$CC \leq 50$	2.50 (3级)	合格
			水冷式	$CC \leq 528$	5.00 (3级)	合格
13	节能评价值	GB 19577-2015	风冷式 或蒸发冷却式	$CC \leq 50$	3.60 (2级)	合格
			水冷式	$CC \leq 528$	6.30 (2级)	合格

Schedule I

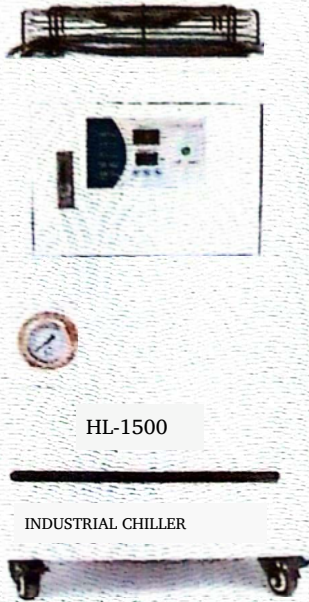
机组类型	机组制冷量/kW	性能系数 COP	综合部分负荷性能系数 IPLV
		kW/kW	
风冷式	> 50	不低于 GB 19577 的限定 值	2.8
水冷式	≤ 528		4.5
	> 528-1163		4.8
	> 1163		5.1
蒸发冷却式	> 50		--

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Sample picture:



HL-1500

INDUSTRIAL CHILLER

Fiber laser cutting series chiller



SCH-1500

Laser handheld welding series chiller



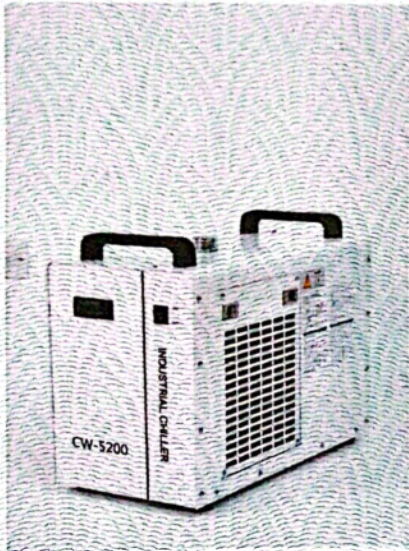
HULL-S

UV laser marking series chiller

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Laser chiller CW5200



Ice bath chiller

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Precautions

First, the organization guarantees the fairness of the test, the confidentiality of the test samples provided by the client, and the protection of ownership.

This report is invalid without the signature of the issuing personnel or the red inspection seal of the agency.

3. The report is invalid for alteration, and the copy is invalid if it is not re-stamped with the special seal for red inspection and testing of the institution.

IV. The test data and results in this report are solely responsible for the samples submitted for inspection.

Co.,
Ltd.

The pages of this report are an inseparable part of the report. The organization shall not be held legally responsible for the misunderstanding or use of certain pages by users for other purposes.



* End of report *

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