

**JIUSHENG<sup>®</sup>**

**THE IDEAL HEAT EXCHANGER  
BRING YOU PERFECT COMPRESSOR  
COOLING SYSTEM SOLUTION**  
为您的空压机提供完美的冷却方案

**Big Global Brand Customers'  
Service Experience**  
海内外知名品牌大客户务经验

**Over 10 Years' Manufacturing  
And Designing Experience**  
10年生产研发经验

**13 Patents For The Compressor  
Heat exchanger's Research  
And Development**  
13项空压机换热器研发设计专利

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**Sales Office Location:** Room 2314 No.8 Tianshan Road,  
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**无锡久盛换热器有限公司**

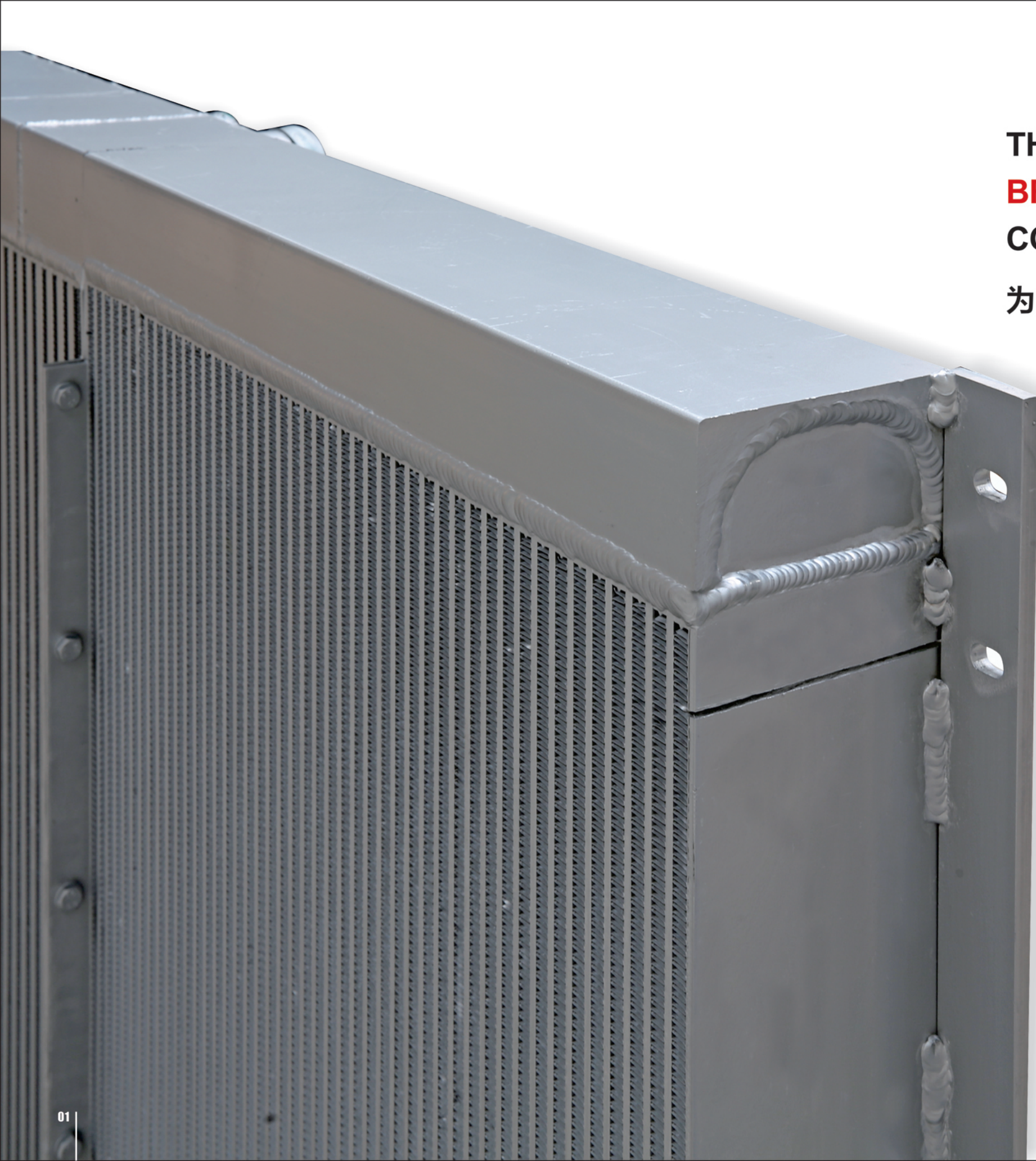
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COMPRESSOR  
HEAT EXCHANGER





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COOLING SYSTEM SOLUTION

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## Welcome to JIUSHENG

JS HEAT-EXCHANGER CO.,LTD is the leading designer and manufacturer of Aluminum plate-fin heat exchangers in WUXI CHINA, with years of persisting effort, JS has developed and manufactured wide ranges of aluminum brazed heat exchangers for a variety of industries, like Construction Machinery, Agricultural and Forestry Machinery, Air Compressors, Oil Gas Exploration, Automotive Vehicle and other special applications all over the world. Nowadays we have developed over 10,000 items of products for your choice and our strong R&D team can also offer you professional customized service, with certificated tests as Proof Pressure Test, Burst Pressure Test, Heat Rejection Lab vs. Design Target Test, Pressure Cycling Test, Thermal Fatigue Test and so on.

All JS members strive to achieve whilst delivering high quality, cost effective, results to our customers on-time, and zero harm in all our workplaces. JS HEAT-EXCHANGER welcome you all the time!

久盛换热器有限公司是专业从事铝制板翅式换热器研发、设计、制造型企业，处于国内领先水平，经过多年的努力，久盛生产制造的铝制板翅式换热器已广泛应用于全球的工程机械、农林机械、空气压缩机、油气勘探、汽车以及其他特殊领域。

如今我们已开发了 10,000 多种产品供您选择，我们强而有力的研发团队还可以为您提供专业的定制服务，另外，压力试验、爆破压力试验、换热性能试验、压力循环试验、热疲劳试验等附带专业认证证书的试验也可以为您提供。

所有久盛员工致力于给我们的客户提供按时交货、质量上乘、价格合理的产品，并承诺做到所有工作场所零伤害。久盛换热器热忱欢迎您的到来！

THE MOST EFFICIENT,  
ECO-FRIENDLY AND RELIABLE  
HEAT EXCHANGER SUPPLIER.

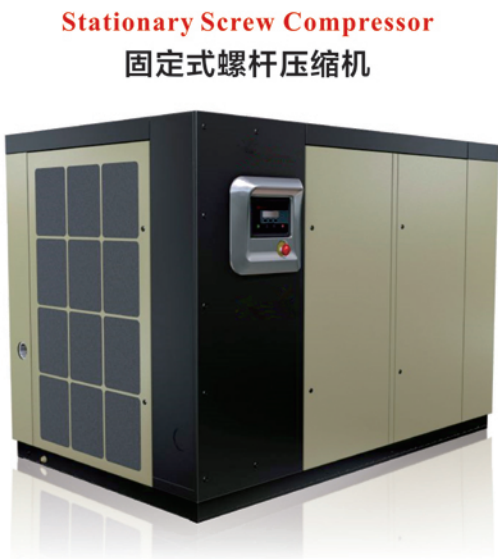
最高效、环保且可靠的换热器供应商。





# PRODUCT APPLICATION

## 产品应用领域



# THE ADVANTAGES OF JIUSHENG HEAT EXCHANGERS JS的优势



Smart Design = Less space for the compressor

灵巧型设计 = 优化您的压缩机空间

Smart Design and Efficient Capability gives freedom to your compressor designer to place other parts where they prefer. Reducing the space of the compressor and potentially enabling greater capability for the users.

灵巧的设计和高效的性能，让您的压缩机设计师可以自由安放其他零配件。减少压缩机的空间，并使您的用户体验到最佳性能。



Efficient working and saving the energy

有效工作，节省能源

By Using efficient heat exchangers, the operating temperature of the system can be kept in optimal range to deliver peak performance, delivering significant energy saving and extend lifespan of the system and the compressor.

采用性能优良的换热器，能使您的系统性能和温度一直保持在最佳范围，实现最高性能，节省最大能源，延长机器使用寿命。



Extend the lifetime of your compressor

延长空压机的使用寿命

A good quality heat exchanger not only cool the system, but also keep all the circuit never overworked, it protected the operation system stay at optimum situation and extending the life of the compressors.

一个质量优良的换热器不仅仅能冷却系统，同时也能确保整个回路不会负荷工作，它能保护整个操作系统保护操作系统处于最佳工作状态，延长压缩机使用寿命。



Lower noise, Greater Experience

降低噪音，增强舒适感

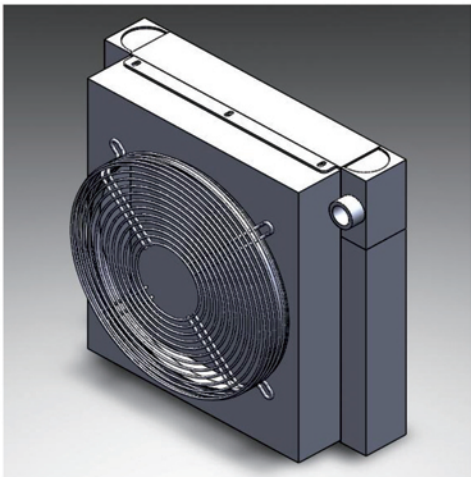
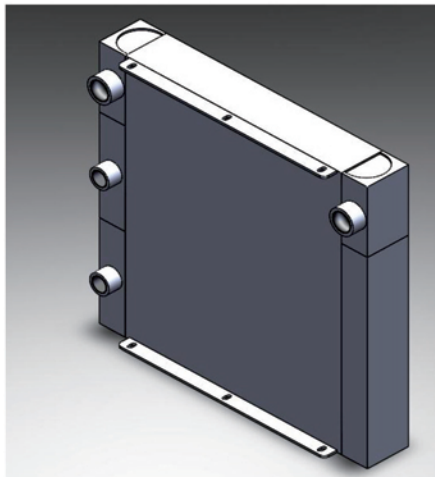
Our heat exchanger designer are considering about reducing the noise maximum, and cooling the system more quickly, by this way, your motor, fan can stay in a good condition and reduce the noise pollution, giving a green peace to the industry.

我们的换热器设计人员正在考虑最大限度地降低噪音，并更快速地冷却您的系统，这样，您的电机，风扇就可以保持良好的状态，减少噪音污染，给工业带来绿色和安静。



# R&D SERVICE

## 研发服务



### Technical knowledge 技术能力

- Fluid - dynamics
- Thermodynamics
- Electronics
- Mechanics of materials
- Mechanical
- 流体力学
- 热力学
- 电子学
- 材料力学
- 机械学

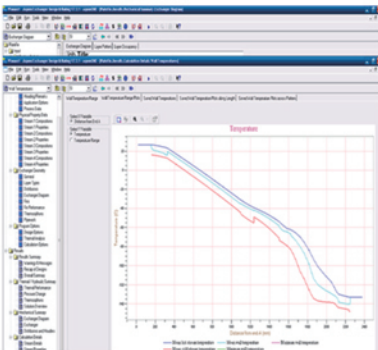


### Integrated processes 整合的生产工艺

- Material Validation and Heat Exchanger design
- Precision fin forming machine
- Ultrasonic cleaning room
- Mechanical Shop
- Vacuum brazing furnace process
- Skillful argon welding workshop
- Pressure and leak testing room
- 专业的材料验证和换热器设计团队
- 精密翅片成型机
- 超声波清洗机
- 机械加工车间
- 真空连续钎焊炉工艺
- 氩弧焊接车间
- 压力和泄露测试车间

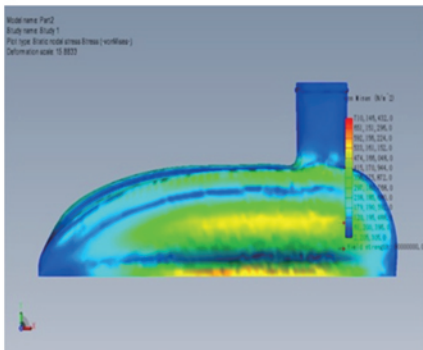
# CALCULATIONS DIMENSIONS AND SIMULATIONS

## 尺寸计算和模拟



# STRESS ANALYSIS AND TESTING

## 应力分析与测试

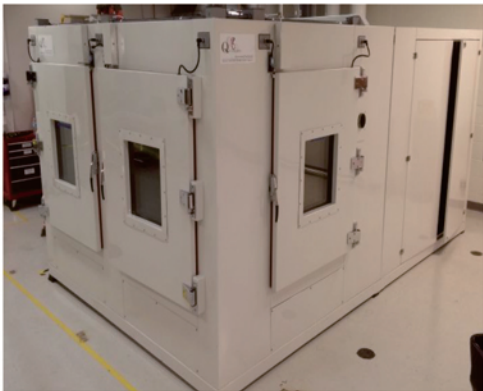


# TESTING AND VALIDATION

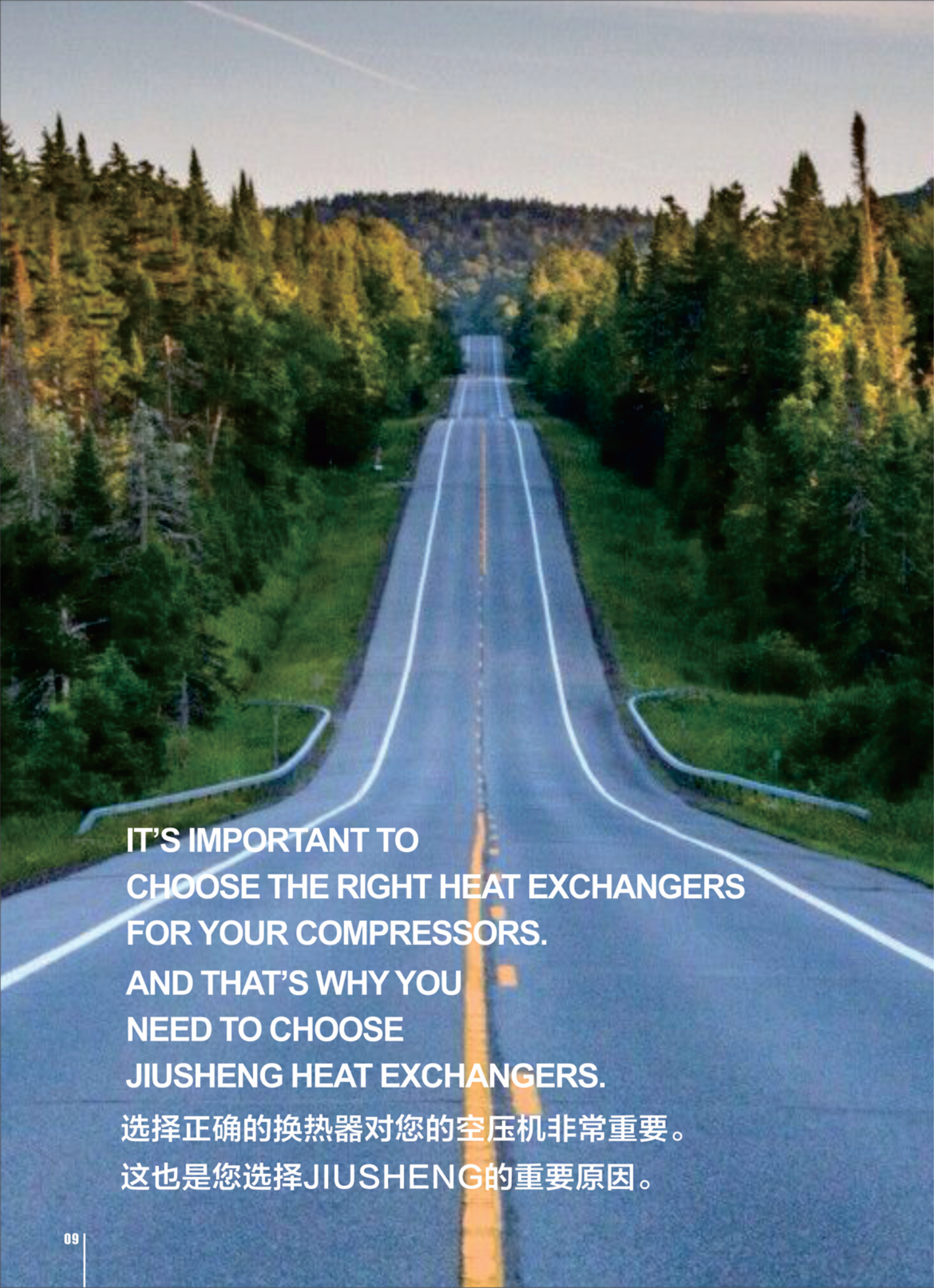
## 实验和验证设备

- Material Analysis Test
- Proof Pressure Test
- Burst Pressure Test
- Heat Rejection Lab vs. Design Target Test
- Pressure Cycling Test
- Thermal Fatigue Test
- Water&Salt spray chambers
- Vibration test balance
- Airflow test chambers

- 材料分析试验
- 压力试验
- 爆破压力试验
- 换热性能试验
- 压力循环试验
- 热疲劳试验
- 水和盐雾试验箱
- 振动试验台
- 风量试验箱







IT'S IMPORTANT TO  
CHOOSE THE RIGHT HEAT EXCHANGERS  
FOR YOUR COMPRESSORS.  
AND THAT'S WHY YOU  
NEED TO CHOOSE  
JIUSHENG HEAT EXCHANGERS.

选择正确的换热器对您的空压机非常重要。  
这也是您选择JIUSHENG的重要原因。

## Big Global Brand Customers' Service Experience

Over 10 Years' Manufacturing  
And Designing Experience  
13 Patents For The Compressor  
Heat Exchanger's Research  
And Development

## 海内外知名品牌大客户服务经验

10年生产研发经验

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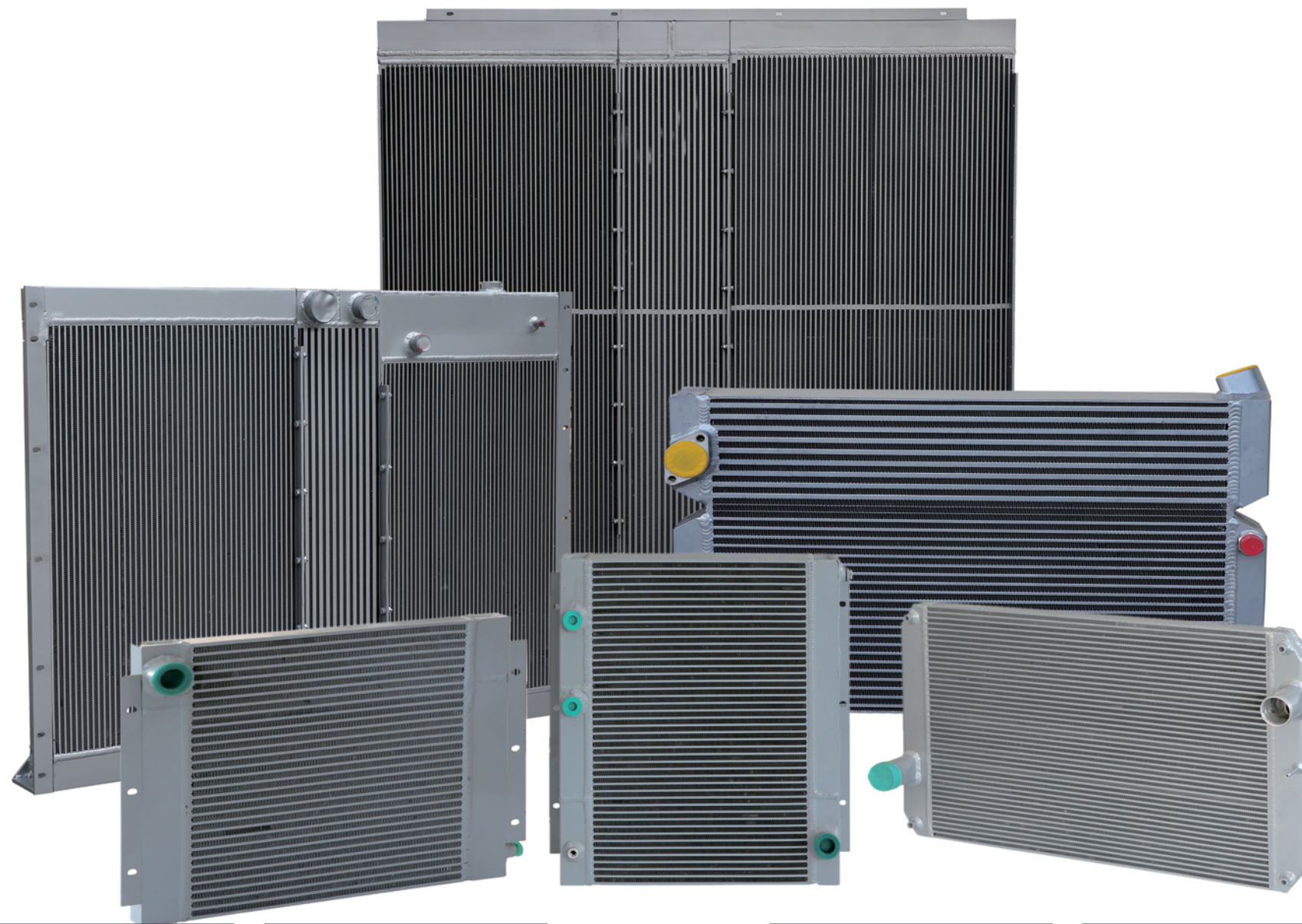
The stronger heat transformation capability  
of the cooler, the greater cooling system it is.  
换热器的热置换能力越强，您的系统冷却  
性能越强大。

The less space and low noise of the cooler,  
the more excellent user experience you will  
get.  
所占空间更少，噪音更低，完美客户体验  
度越高

The more efficient of the cooler, the lower  
power consumption of your compressor.  
换热器越高效，您的空压机能量功耗越低。

The longer working time of cooler, the longer  
warranty of your compressor.  
换热器使用寿命越长，您的空压机质保期  
越久。





## Experience 经验

With more than 10 years' experience, JIUSHENG is the qualified supplier for world leader compressor manufacturers. 13 items of patents and rich experience in design and manufacturing.

拥有超过10年的经验，久盛是世界领先的压缩机制造商的合格供应商。13项专利，丰富的设计制造经验。

## Innovation 创新

We keep and push ourself for innovation to stay improvement of the service for our customers, we are the leading heat exchanger supplier in this field.

我们保持和推动自己的创新，以不断提升我们对客户的服务，我们是行业领先的换热器供应商。

## Quality 质量

18 month global warranty, confident quality control system is always the power for our brand and every of our heat exchangers.

18个月的全球保修，自信的质量控制系统始终是我们的品牌和我们每一台换热器的能量之源。

## Customized Service 客户定制服务

No matter from the design of the heat exchangers, to the customized packing for our customers, JIUSHENG are always listening and thinking about our customers for the best solution.

从换热器的设计，到为客户定制化的包装，久盛总是在为我们的客户聆听和考虑，以取得最佳的解决方案。

## R&D 研发

We understand R&D is the life our company, so every year, we sent our engineers to talk with our customers, to study and learn from the market, in 2016, we set our first oversea office in France.

我们了解研发是我们公司的生命，所以每年我们派出工程师与客户交谈，学习和了解市场，2016，我们在法国设立了第一个海外办事处。

## Service 服务

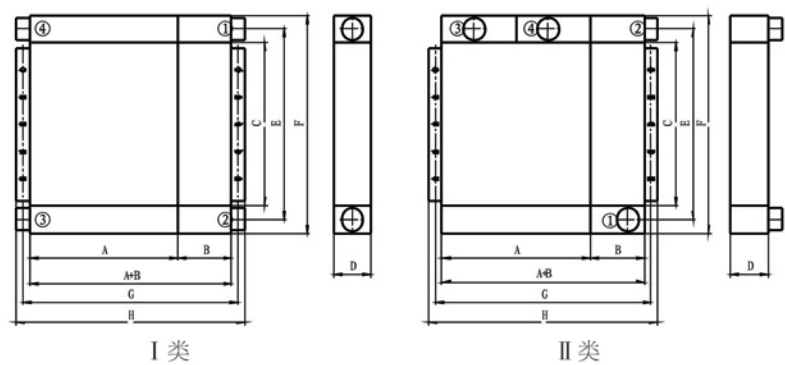
24 hours on line after sales service  
8 hours oversea customers feedback  
24 hours general drawing design  
72 hours for Complex drawings design  
JIUSHENG will be with you all the time

24小时在线售后服务  
8小时海外客户反馈  
24小时简图设计  
72小时的复杂图纸设计  
久盛将一直伴您左右



SERIES I II OIL & AIR HEAT EXCHANGER  
FOR AIR COMPRESSOR

压缩机用油气冷却器 I、II 类 >>



Technical data(standard values)								
类 型	I 类						II 类	
功率/Kw	4-7.5	7.5-15	18-22	30	75	90-110	37	45-55
Oil cooler output (Kw)	3.5-6.2	6.2-12.5	15.6-18.7	25	63	78-94	30	38-47
Air after cooler output (Kw)	0.6-1.1	1.1-2.2	2.7-3.2	4.3	11	14-16	6	7-8
Oil flow rate (lpm)	12-20	20-28	33-40	45	75	90-110	43	45-60
Compressed air flow rate (/m3/min)	0.6-1.2	1.2-2.5	2.9-3.6	4.8	11.5	14-17	5.6	6.3-7.1
Oil inlet temperature (℃)	Max 100							
Compressed air inlet temperature (℃)	Max 100							
Ambient temperature (℃)	Max 45							
Max working pressure (bar)	26							
Test pressure (bar)	40							
Max operating temperature (℃)	120							
Approximate cooler dimensions								
A/mm	240	267	340	483	642	714	483	544
B/mm	90	113	100	142	217	302	142	203
C/mm	355	400	550	550	800	800	550	720
D/mm	63	63	63	63	140	140	63	113
A+B/mm	330	380	440	625	859	1016	625	747
E/mm	415	460	610	600	880	880	600	800
F/mm	455	500	650	650	960	960	650	860
G/mm	355	405	465	650	902	1059	650	775
H/mm	380	430	490	675	942	1099	675	800
Connection ①-②(Air)	G3/4	G3/4	G3/4	G1-1/4	G2	G2	G1-1/4	G1-1/2
Connection ③-④(Oil)	G1/2	G1/2	G1/2	G3/4	G1-1/4	G1-1/4	G3/4	G1

We Offer  
ALL  
What  
You Want