DONGXU HYDRAULICS

WhatsApp

Web

Dongxu Guangdong Company

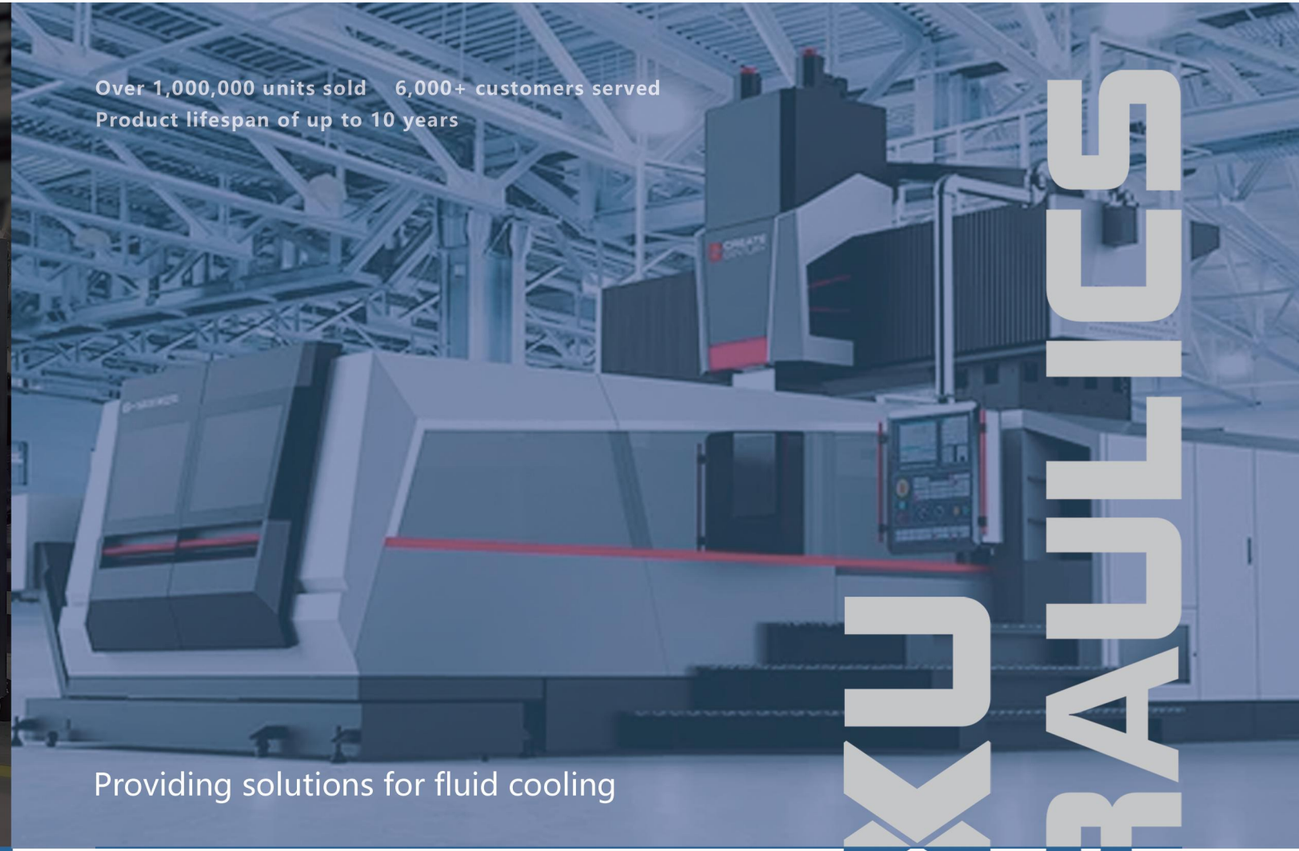
Add.: C3 New Light Source Park, Foshan, Guangdong,China
Tel: 400 8779122
E-mail: hannah@dongxuhydraulics.com
WhatsApp: +86 139 2992 3909
Web: www.dongxuyeya.com

Dongxu Jiangsu Company

Add.: Build.77, No.288 HubinNorth Road, Wuxi, Jiangsu,China
Tel: 400 8776122
E-mail: hannah@fsdxyy.com
WhatsApp: +86 139 2992 3909
Web: www.jshlk.com

Dongxu Europe Company

Add.: Vogelsanger Weg 91, 40470 Düsseldorf, Deutschland
Tel: +49 211 2204 4607
E-Mail: europa@dxhydraulics.com
WhatsApp: +49 177 6970 861
Web: www.dxhydraulics.com



Over 1,000,000 units sold 6,000+ customers served
Product lifespan of up to 10 years

Providing solutions for fluid cooling

DONGXU HYDRAULICS

Dongxu Hydraulic Machinery Co., Ltd.

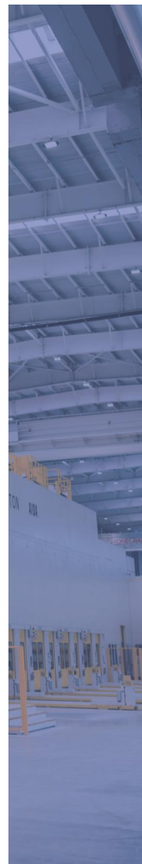
ISO9001 CNAS CNES CE

DONGXU HYDRAULICS

Delivering superior, energy-efficient, and safe temperature solutions.

Choose Dongxu for enhanced equipment performance.

CONTENTS



COMPANY PROFILE

Foshan Nanhai Dongxu Hydraulic Machinery Co., Ltd. ("Dongxu Hydraulics") , founded in 2002, we are a pioneering company specializing in research, development, and manufacturing, with a primary focus on fluid temperature control for industrial equipment, hydraulic lubrication fluid control systems, and hydraulic components.

With a diverse portfolio of products, we serve a wide range of industries, including new energy, energy storage, semiconductor, data centers, power equipment, metallurgy, forging, construction machinery, electrical machinery, petrochemicals, machine tool industry, offshore vessels, mining machinery, papermaking machinery, industrial automation control, and intelligent manufacturing. With an unwavering commitment to quality, our market presence spans nationwide and extends to Europe, Southeast Asia, and North America, making us a strategic partner for renowned domestic and international enterprises.

At Dongxu Hydraulics, we attribute our success to our relentless pursuit of innovation and development. To achieve this, we have established a dedicated R&D team comprising exceptional technical talents from both domestic and international backgrounds. Collaborating with prestigious institutions such as Zhejiang University, South China University of Technology, Tsinghua University, Yanshan University, and Yangzhou University, we leverage practical technology, emerging technology, and service technology
as the foundation for our research and development efforts. Currently, we have successfully transformed over sixty patented achievements, constantly driving our company's growth through sustained innovation.

To cater to the evolving needs of our customers, we have established production and R&D centers in Foshan, Chengdu, and Wuxi. Complemented by an extensive after-sales and service network, we ensure comprehensive coverage across both domestic and select international markets. Our commitment to excellence has been recognized through prestigious accolades, including Provincial-level Specialized, Focused, New and High-tech Enterprise , National-level High-tech Enterprise , Chairman Unit of Foshan Hydraulic and Pneumatic Industry Association, as well as Innovative Small and Medium-sized Enterprise. Furthermore, we have obtained certifications such as ISO 9001 (quality management), ISO 4001 (environmental management), ISO 10012 (measurement management), GB/T 29490-2013 (intellectual property management), and CE (EU export).

Driven by our vision to " Create a national brand for Chinese manufacturing", while placing customer satisfaction at the core of our operations, we strive to become a trusted and admired brand enterprise, continuously pushing the boundaries of innovation with our intelligence and creative spirit. Our ultimate goal is to be the preferred partner for global machinery and equipment providers.

DONGXU HYDRAULICS

Provincial Specialized, Focused, New and High-tech Enterprise

Provincial High-tech Enterprise

CE European Safety Compliance Certificate

ISO10012 Measurement Management System Certification

Vision

To create a national brand made in China, to become a brand enterprise trusted and loved by users, to be a high-growth enterprise with sustainable operation, and to be a company with a sense of social responsibility

Service Philosophy

Our service philosophy is to keenly grasp application trends, promptly meet customer needs, pursue excellence, provide high-quality products, prioritize customer-centricity, and exceed customer satisfaction.

Core Values

Our service philosophy is to keenly grasp application trends, promptly meet customer needs, pursue excellence, provide high-quality products, prioritize customer-centricity, and exceed customer satisfaction.

Business Philosophy

Our business philosophy is built on integrity and loyalty, placing customers first, focusing on expertise, aligning goals, emphasizing quality, and fostering continuous innovation.

Team Spirit

Our team spirit is characterized by diligence and dedication, honesty and integrity, courage and loyalty, optimism and confidence, a passion for learning, proactive advancement, innovation and contribution, a strong focus on cooperation, and an ownership mentality.

Subordinate brand

DONGXU® DX® HELIKE®

DOXUDA® KAIDUN® RUIYI® BOKADE®

OUR 23-YEAR CORPORATE GROWTH JOURNEY

DEVELOPMENT MILESTONES

2002
- Established Dongxu Hydraulics
- Set up the Foshan factory
- Started production of bell housings, couplings, hydraulic cylinders, and cleaning openings.

2004
- Established the Marketing Center
- Introduced the brands DONGXU,and DONGXUDA
- Established the Hydraulic Components Division
- Became an authorized distributor of well-known domestic and international hydraulic brands.

2009
- Expanded into foreign markets
- Started production of finned tube water coolers
- Achieved ISO9001 quality management system certification and CE certification

2011
- Started production of air coolers (AH series)
- Established the Air Cooler Division

2014
- Established the Chengdu factory
- Started production of industrial oil coolers (DXY series)

2016
- Established the Wuxi factory
- Introduced the brand of Helik
- Established the Foshan Hydraulic and Pneumatic Industry Association (elected as "Chairman Unit")

2017
- Introduced the brand of Kaydun
- Started production at the Wuxi factory
- Started production of high-end air coolers (DX series)

2019
- Acquired controlling stake in the third factory in Fenghua, Zhejiang
- Started production of bladder accumulators and diaphragm accumulators

2020
- Recognized as a "National High-tech Small and Medium-sized Enterprise"
- Started production of oil coolers, industrial chillers, and cabinet cooling systems.

2021
- Established the New Energy and Energy Storage Liquid Cooling Division, abbreviated as the Liquid Cooling Division
- Introduced the brand of DX
- Achieved Intellectual Property Management System Certification
- Continuously elected as the Chairman Unit of the Foshan Hydraulic and Pneumatic Industry Association

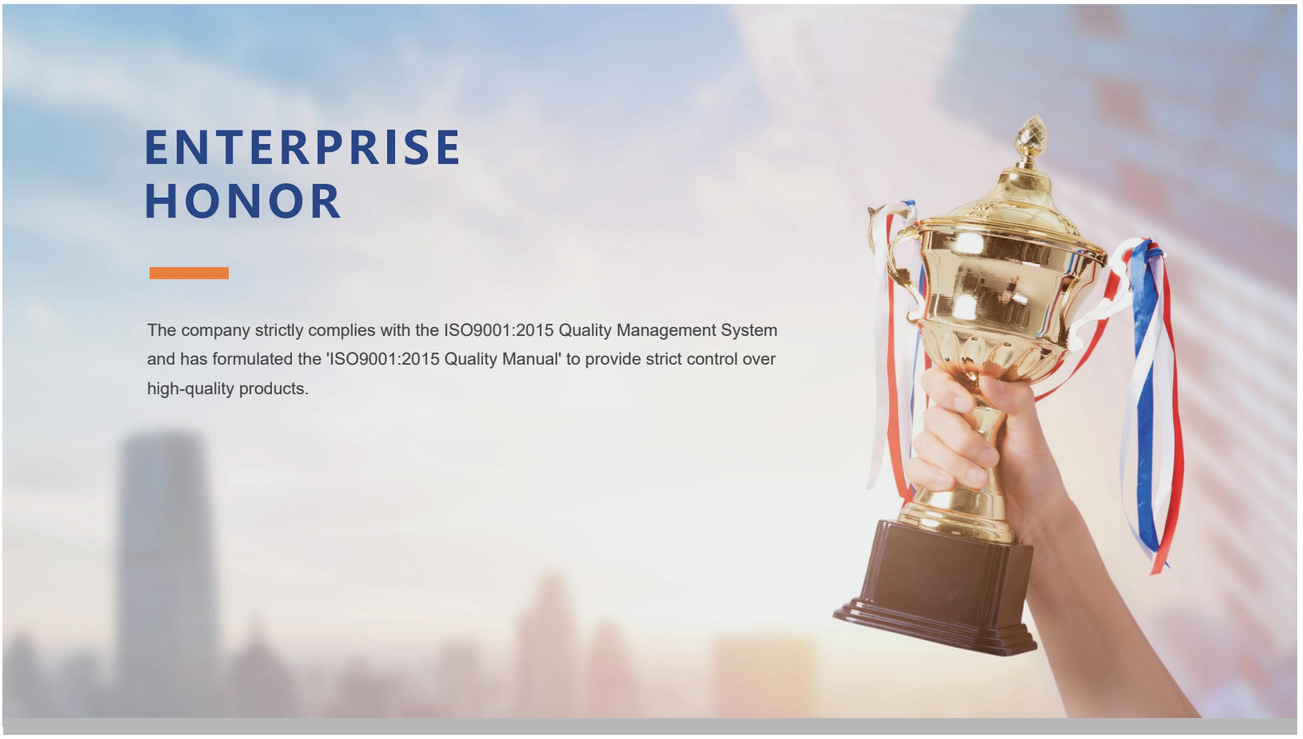
2022
- Recognized as a High-tech Enterprise
- Received Provincial Specialized, Focused, New and High-tech Enterprise and Municipal Specialized, Focused, New and High-tech Enterprise certifications
- Recognized as an Innovative Small and Medium-sized Enterprise

2023
- Started production of IDC (Numerical Control Center) and energy storage liquid cooling equipment.
- Achieved Measurement Management System Certification
- Relocated the Foshan (headquarters) to new factory

2024
- Wuxi plant moved to new premises
- Establishment of Dongxu Europe

ENTERPRISE HONOR

The company strictly complies with the ISO9001:2015 Quality Management System and has formulated the 'ISO9001:2015 Quality Manual' to provide strict control over high-quality products.



Intellectual Property Management System Certification

ISO9001 Quality Management System Certification

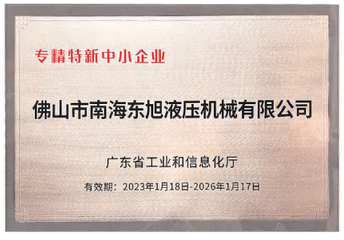
ISO14001 Environmental Management System Certification

ISO10012 Measurement Management System Certification

CE European Safety Compliance Certificate

Appearance Design Patent Certificate

Utility Model Patent Certificate



Provincial Specialized, Focused, New and High-tech Enterprise

Provincial High-tech Enterprise

Municipal Specialized, Focused, New and High-tech Enterprise

National-level Technology-based Small and Medium-sized Enterprise

Innovative Small and Medium-sized Enterprise

Chairing unit of the Foshan Hydraulic Pneumatic Industry Association

DONGXU HYDRAULICS

Partners

博赛旋压 PROSPER
HDCNC 华尔数控
PMI press metal 齐力澳美
SINAO 思豪内高压科技
成达液压 CHENG DA YE YA
HLT 恒力泰 HENGLITAI
CRM 川润股份 CRM LTD
中国二重 CHINA ERZHONG
SYHP
ANDRITZ
CSIC 中船重工
中国中车 CRRC
澜山
CGMA 西格玛机器 CGMA MACHINE
FUTURE 未来
广东锻压
八达机器
冀中能源
TAIFENG
YANGLI 扬力集团
考迈托 COMETAL
太原重工
爱力智控
YADON Powered by Schuler
中信重工 CITIC HEAVY INDUSTRIES
SDLG 山东临工
ZOOMLION 中联重科高机
江东机械 JIANGDONGMACHINERY
NHI 北方重工
新欧机械 XINOU MACHINERY CO.,LTD
IVS 亿威仕
KEDA
Teen King LASER 天擎激光
大冶特钢
湖北力帝 HUBEILIDI
ZHEJIANG UNIVERSITY 1897
联塑 L&S
康恩达
斯巴达 STARKE
兴发铝材 XINGFA ALUMINIUM PROFILES

Applications


Vertical machining center


Press Machine


Forging Press


Hydraulic Press


Injection Molding Machine


Die Casting Machine

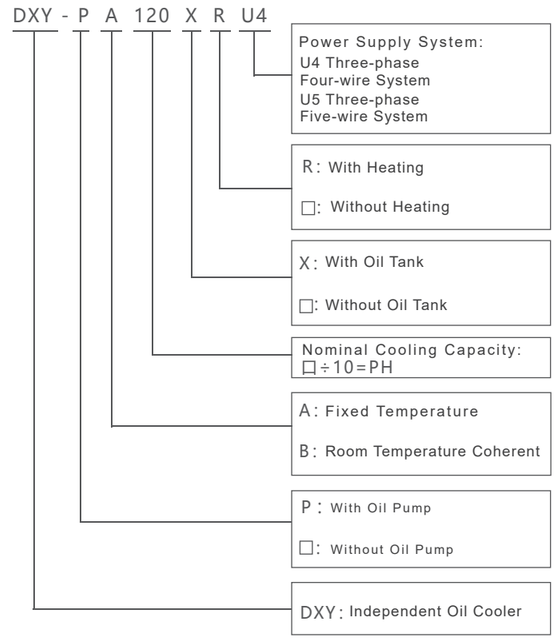

Bending Machine


Universal CNC machine

Product specification

Specification series	Refrigeration capacity		Input power (kW)		Nozzle form	Interface size	Inner diameter of outer piping (mm)
	kcal/h	W	Oil-less pump	Oil containing pump			
DXY-PA10	2500	2855	1.1	1.85	Tubular internal thread	Rc3/4"	DN20
DXY-PA15	3500	4000	1.45	2.2		Rc3/4"	DN20
DXY-PA20	4500	5200	1.95	2.7		Rc1"	DN25
DXY-PA28	7000	8100	2.75	3.5		Rc1"	DN25
DXY-PA30	8000	9200	3.25	4		Rc1"	DN25
DXY-PA40	10000	11900	4.4	5.5		Rc1"	DN25
DXY-PA50	12000	15000	5.2	6.7		Rc1-1/4"	DN32
DXY-PA60	15000	17700	6.1	7.6		Rc1-1/4"	DN32
DXY-PA80	20000	24000	7.8	10		Rc1-1/2"	DN40
DXY-PA100	24000	28500	9.8	12		Rc1-1/2"	DN40
DXY-PA120	30000	35000	12	15		Rc2"	DN50
DXY-PA150	40000	46500	16	19		Rc2.5"	DN65
DXY-PA200	50000	58000	21	25	Flange	DN65 Flange	DN65
DXY-PA250	60000	70000	24	28		DN80 Flange	DN80
DXY-PA300	80000	93000	30.5	36		DN80 Flange	DN80
DXY-PA400	100000	120000	39.5	45		DN100 Flange	DN100
DXY-PA500	120000	143000	48.5	56		DN100 Flange	DN100
DXY-PA600	160000	185000	60	71		DN125 Flange	DN125

Selection instructions



Applications

Automotive Sheet Metal Manufacturing Forging Press Cooling Applications

CNC Deep Hole Drilling Laydown Machine Cooling Application

Automotive gearbox die-casting equipment cooling applications

Thin oil lubrication station cooling applications in steel mills

SELECTION OF Chiller System

Method 1

Calculate the calorific value by the temperature rise of the oil tank
Q=SH x De x V x DT/60
Q: Calorific value (kW)
SH: The specific heat of oil is 1.97kJ/kg℃
De: specific gravity of oil 0.88kg/L
De: The specific heat of water is 4.2x10³ J/kg ℃
V: oil/water capacity L (liter) including the total water capacity in the oil tank and pipeline
DT: Maximum temperature rise within one minute
Note: "/60" is used to change the temperature rise from Celsius/minute to Celsius/second; 1kW=1kJ/s;
Note: When measuring, the temperature of the fuel tank should be slightly lower than the ambient temperature; and the equipment should work under the maximum load.
Example: One oil tank volume 8000L maximum water temperature or oil temperature 0.6 degrees Celsius/minute.
Calorific value Q=(1.97×0.88×8000×0.6)/60=138kW
Supplementary Note: When selecting the cooling capacity of the oil cooler, it can be selected by increasing the cooling capacity by 20%-50%.

Method 2

Estimate the heating power using the hydraulic station's motor power. Hydraulic oil serves as the transmission medium, with the majority of the system's energy loss manifesting as heat. Drawing on our practical experience, our company has deduced the following energy loss coefficients for hydraulic systems:

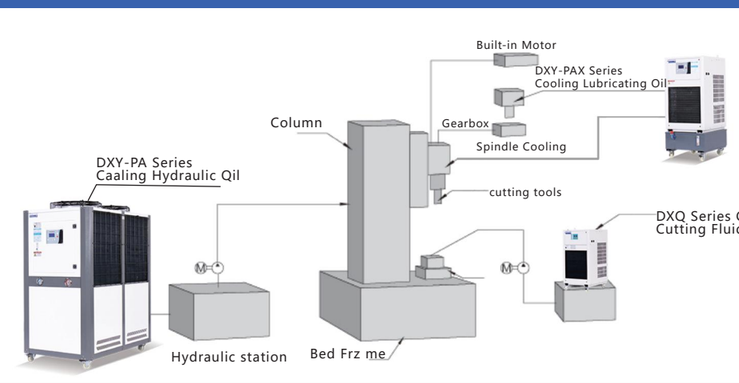
Hydraulic System Working Pressure	Energy Loss Factor
10Mpa	0.1~0.25
15Mpa	0.35
20Mpa	0.4~0.55
25Mpa~30Mpa	0.6~0.75
30Mpa above	0.75~1

P heat=1.2×(P motor* η)
P motor--power of all motors in the hydraulic station
η --energy loss coefficient
Note: 1Kcal/h=1.163W
1kW=860Kcal/h

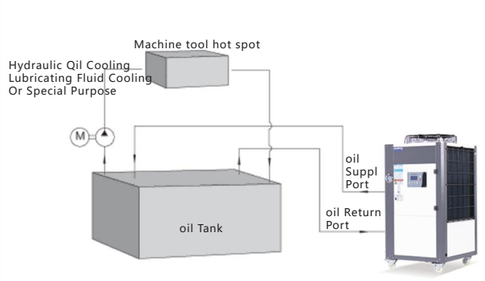
Method 3

Spindle Heating Power Estimation:
P calorific value = P motor * λ
λ--Spindle heat loss efficiency
(For general mechanical spindles, it can be calculated according to heat loss λ =5%~8%, and for high-speed spindles according to heat loss λ=20%-30% calculation.)
E.g. For an ordinary mechanical spindle of a machine tool, the motor power is 45kW, and the estimated calorific value is:
P calorific value=P motor*λ=45*8%=3.6kW

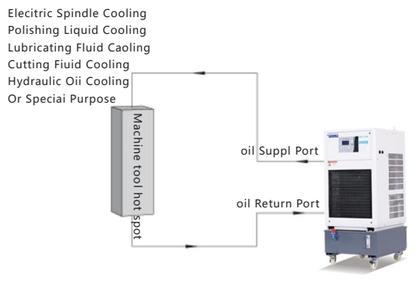
Application sample diagram



Comprehensive Application Diagram



DXY-PA Series Oil Cooler



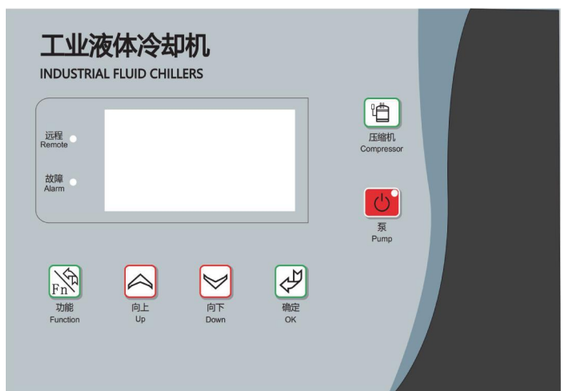
DXY-PA Series Oil Cooler

Precautions for Installation and Use

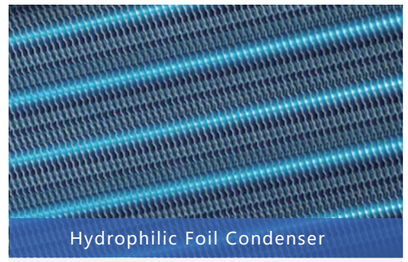
[Load] It is recommended to select the model according to the calorific value*1.2 under the full load working condition.
[Wiring] The product power wiring, external control switch interface, alarm output interface, the standard configuration is a terminal block.
If you use aviation socket or rectangular socket, please specify when ordering.
[Power supply] The connected powersupply system must be consistent with the sample, and if it is inconsistent, it must be explained when designing and ordering.
[Alarm] Provide a pair of passive normally open contacts as the alarm output interface.
[Pipeline] The diameter of the external pipeline should be consistent with the diameter of the oil cooler, and the pressure of the oil pipe and joint must be ≥1.6MPa.
[Resistance] When the pipeline is connected, the elbow should be minimized, and the external pipeline resistance must be ≤ 0.3MPa.
[Oil suction] Please keep the vacuum degree of the oil inlet within 0.03MPa. When the distance is relatively long, the oil pump should be installed externally near the oil tank.
[Oil pump] If the oil pump is equipped externally, a pair of normally open passive contacts shall be provided to be interlocked with the host, and the flow rate shall be matched according to the sample.
[Valve] It is recommended to install a large-diameter gate valve or butterfly valve at the oil inlet and outlet for easy maintenance.
[Impurities] Impurities larger than 50 μm or filamentous substances are not allowed in the oil.
[Ventilation] Corresponding to each model, enough space for suction, exhaust and maintenance is reserved.
[Environment] Well-ventilated, no dust and corrosive mist: no sun and rain, no heat radiation, no vibration.
[High temperature] When the ambient temperature exceeds 35°C, the safety factor needs to be increased, and when the ambient temperature exceeds 43°C, a special design is required.
[Position] When the oil cooler is placed above the machine, the cooling capacity will decrease by about 20% in summer, please add about 20% of the design margin.
[Medium] Prohibit the use of water and water-soluble liquids, flammable liquids, and corrosive liquids.
[Oil number] Oil number: The standard design is 5#~68#oil number, if it exceeds the standard, it needs to be explained.
[Oil temperature] The best oil temperature is 30~50°C, and it is recommended to stop the oil pump when it is lower than 0°C.
[Filtration] It is recommended to add a 50~100 day steel wire filter to the oil suction port.
[Fixed] The external oil pipe needs to be fixed on the bracket to avoid putting weight on the oil cooler and causing leakage.
[Shock Absorption] The oil inlet and outlet must be connected by hoses to prevent external vibration from being transmitted to the inside of the oil cooler.
[Interface] The oil inlet of the oil cooler should be as far away from the hot oil outlet as possible, and the oil outlet should be as close as possible to the hot oil outlet.
[Note] The diameter of the external pipe (including the diameter of the joint) should be 2 the size of the oil inlet and outlet of the oil cooler itself.
The oil suction pipe should be as close as possible to the fuel tank. If the length of the oil suction pipe is 25m, the pipe diameter must be enlarged.
If the equipment is installed above the oil tank, please control the vertical height of the oil suction to ≤0.5m. (Please contact DONGXU for special installation conditions.)
[Warning] It is forbidden to connect this device in series with the hydraulic system circuit, otherwise the oil seal of the circulating oil pump will crack and oil will leak.

Product characteristics

- There are two control modes of constant temperature and toom temperature coherence, users can choose accordingtoactuaineeds.
- Have a varlely ol proleclion funcions and provide passive alarm terminals, real-time alarm or lault signals; and canalso be connected to industrial equipment to provlde alarmn functions.
- It has the functions of teal-time temperature monitoring, high oit temperature early warning. alarm, and tow olltemperature alarm functions,which can malntain the viscosily characlerlstics of the oil and make the machine run stably.
- The main engine adopts famous brand compfessors imported fror Europe, America and Japan, with rellableoperation high elficiency and low noise.
- Imported high-quatity oil pump with high pressure, high stability and long-lasting durability.
- Imported digitai controller with high precisian and wide application range.
- To avoid the influence of the preclsion of the machine due to the change ol oil temperature during work.
- To avoid the detorioration of oil products due to high temperature. keep the oll viscosity unchanged, and make the machine work stably during work.



Imported Digital Controller


Hydrophilic Foil Condenser


Imported Compressor


Premium Oil Pump


Plate Heat Exchangers


Thickened Brass Tube

Chiller System RFCS

DXY-PA10~20

PRODUCT PARAMETERS DXY-PA10~20

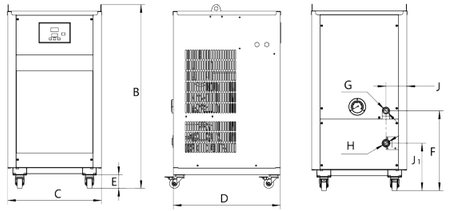
Model			DXY-PA10	DXY-PA15	DXY-PA20
Cooling Capacity		(kcal/h)	2500	3500	4500
		W	2855	4000	5200
		BTU/H	9700	13600	17000
Horsepower		HP	1HP	1.5HP	2HP
Temp. Control Range		(℃)	Thermostatic (setting range:20℃~50℃)		
Conditions	Ambient Temp.		-10℃~43℃ (Well ventilated, no sun or rain, no vibration)		
	Oil Temp.	(℃)	5℃~60℃		
	Oil Type		Lubricating oil, hydraulic oil, heat transfer oil, transformer oil		
	Oil Number	(Cst)	5#~68# Spindle oil, hydraulic oil, lubricating oil, heat transfer oil, insulating oil, etc. For oils above 100#, consultation is required.		
Input Power		(V)	3PH+N/AC380V±10%50HZ		
Rated power		(kW)	1.85	2.2	2.7
Compressor	Supply	(V)	1PH/220V50HZ		
	Power	(kW)	1	1.2	1.75
Oil pump	Power	(kW)	0.75	0.75	0.75
	Flow	(L/min)	15	15	25
Ventilator	Power	(kW)	0.075	0.075	0.13
Inlet&Outlet Oil Pipe Interface Size		(mm)	Rc3/4"	Rc3/4"	Rc1"
Dimension	Height	(mm)	835	945	1020
	Width	(mm)	485	485	535
	Length	(mm)	530	550	585
Net Weight		(kg)	73	83	103
Oil Tank Dimension	Height	(mm)	1035	1145	1204
	Width	(mm)	485	485	535
	Length	(mm)	530	550	585
Oil Tank Capacity		(L)	30	35	40
Full Tank Gross Weight		(kg)	85	96	120
Refrigerant			Refrigerant:R22 (R410a)		
Protective Device			☆ Phase loss protection ☆ Motor reverse phase sequence protection ☆ Compressor overload protection ☆ Oil pump overload protection ☆ High and low pressure protection ☆ Abnormal alarm		

Remarks:

- "Refrigeration capacity" denotes the cooling capability under specific conditions: an ambient temperature of 35°C, an inlet oil temperature of 40°C, and the use of 5#~46# hydraulic oil.
- This series includes two models for user selection: Model A with a fixed temperature setting, and Model B with an adjustable room temperature setting.
- This series also features three types: the standard type without a pump or fuel tank, Type P with a pump but no fuel tank, and Type PX equipped with both a pump and a fuel tank.
- For installation, ensure to reserve a space of less than 50cm at the air inlet, and a space of less than 100cm at the hot air outlet.

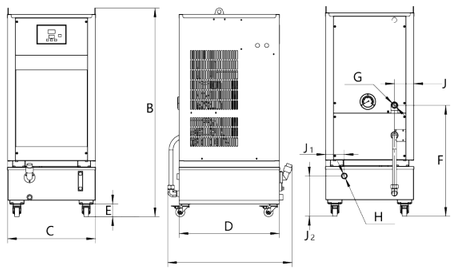
PRODUCT SPECIFICATIONS

DXY-PA10~20



SERIES	B	C	D	E	F	J	J1	G	H
DXY-PA10	835	485	530	70	399	105	240	Rc3/4" Oil outlet	Rc3/4" Fuel inlet
DXY-PA15	945	485	550	70	404	106	240	Rc3/4" Oil outlet	Rc3/4" Fuel inlet
DXY-PA20	1020	535	585	104	467	122	251	Rc1" Oil outlet	Rc1" Fuel inlet

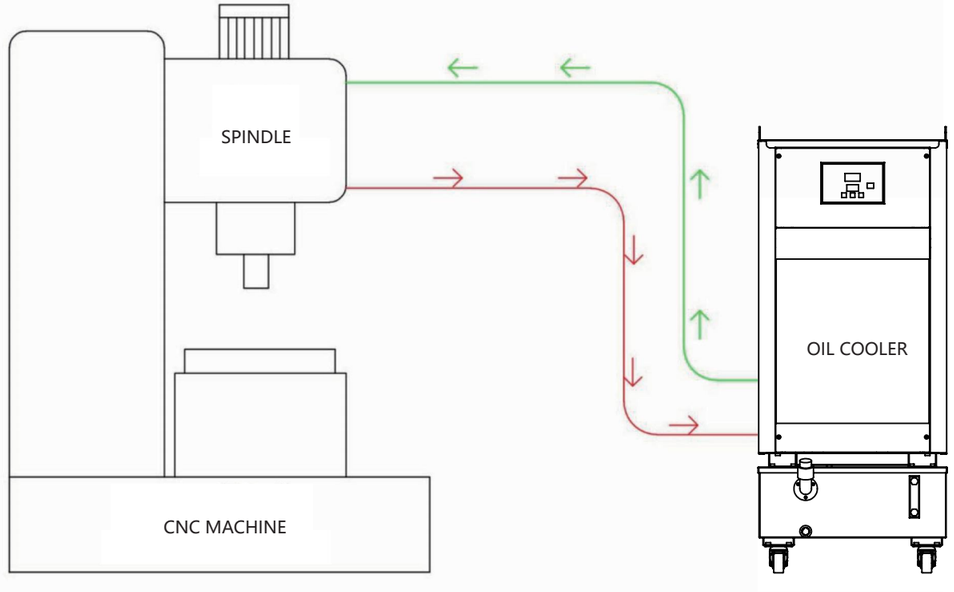
Note: The above dimensions are applicable to models without an oil tank.



SERIES	B	C	D	E	F	J	J1	J2	G	H
DXY-PA10	1035	485	530	70	601	105	102	220	Rc3/4" Oil outlet	Rc3/4" Fuel inlet
DXY-PA15	1145	485	550	70	605	106	102	220	Rc3/4" Oil outlet	Rc3/4" Fuel inlet
DXY-PA20	1204	535	585	104	689	122	104	264	Rc1" Oil outlet	Rc1" Fuel inlet

Note: The above dimensions are applicable to models without an oil tank.

CNC Machine Tool Spindle Cooler Installation Diagram



Chiller System RFCS

DXY-PA28~600

PRODUCT PARAMETERS

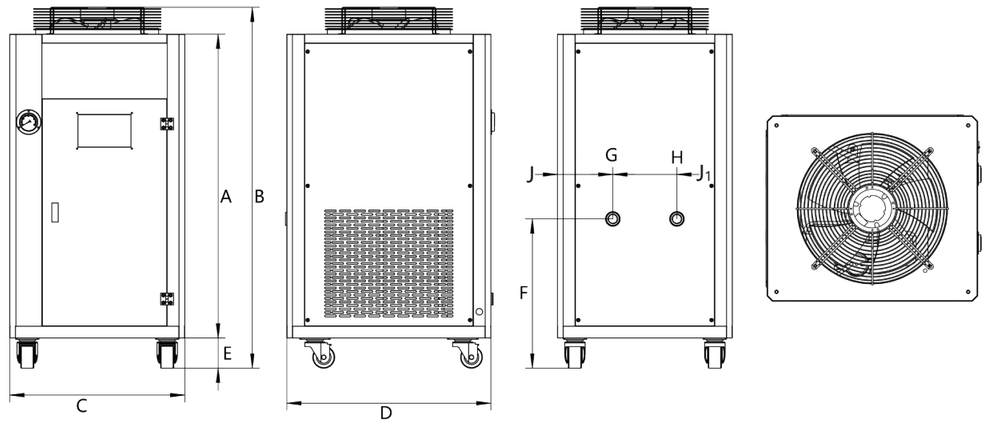
DXY-PA28~40

Model			DXY-PA28	DXY-PA30	DXY-PA40
Cooling Capacity		(kcal/h)	7000	8000	10000
		W	8100	9200	11900
		BTU/H	27700	31000	40000
Horsepower		HP	2.7HP	3HP	4HP
Temp. Control Range		(℃)	Thermostatic (setting range:20℃~50℃)		
Conditions	Ambient Temp.		-10℃~43℃ (Well ventilated, no sun or rain, no vibration)		
	Oil Temp.	(℃)	5℃~60℃		
	Oil Type		Lubricating oil, hydraulic oil, heat transfer oil, transformer oil		
	Oil Number	(Cst)	5#~68# Spindle oil, hydraulic oil, lubricating oil, heat transfer oil, insulating oil, etc. For oils above 100#, consultation is required.		
Input Power		(V)	3PH/AC380V±10%50HZ		
Rated power		(kW)	3.5	4	5.5
Compressor	Supply	(V)	3PH/AC380V50HZ		
	Power	(kW)	2.3	3	3.8
Oil pump	Power	(kW)	0.75	0.75	1.1
	Flow	(L/min)	30	35	40
Ventilator	Power	(kW)	0.18	0.18	0.25
Inlet&Outlet Oil Pipe Interface Size		(mm)	Rc1"	Rc1"	Rc1"
Dimension	Height	(mm)	1085	1235	1245
	Width	(mm)	600	600	625
	Length	(mm)	700	700	700
Net Weight		(kg)	125	128	148
Refrigerant			Refrigerant:R22 (R410a)		
Protective Device			☆ Phase loss protection ☆ Motor reverse phase sequence protection ☆ Compressor overload protection ☆ Oil pump overload protection ☆ High and low pressure protection ☆ Abnormal alarm		

Remarks:

- "Refrigeration capacity" denotes the cooling capability under specific conditions: an ambient temperature of 35°C, an inlet oil temperature of 40°C, and the use of5#~46# hydraulic oil.
- This series comprises various units, including Model A, which maintains a fixed temperature.
- The series also includes units with an oil pump motor and units without an oil pump motor. The model without an oil pump motor is designed for external oil pump installation.
- During installation, make sure to reserve a space of less than 50cm at the air suction port, and a space of more than 200cm at the fan exhaust port.

PRODUCT SPECIFICATIONS



SERIES	A	B	C	D	E	F	J	J_1	G	H
DXY-PA28	996	1085	600	700	104	502	191	220	Rc1" Oil outlet	Rc1" Fuel inlet
DXY-PA30	1041	1235	600	700	104	512	191	220	Rc1" Oil outlet	Rc1" Fuel inlet
DXY-PA40	1158	1245	625	700	104	257	157	267	Rc1" Oil outlet	Rc1" Fuel inlet

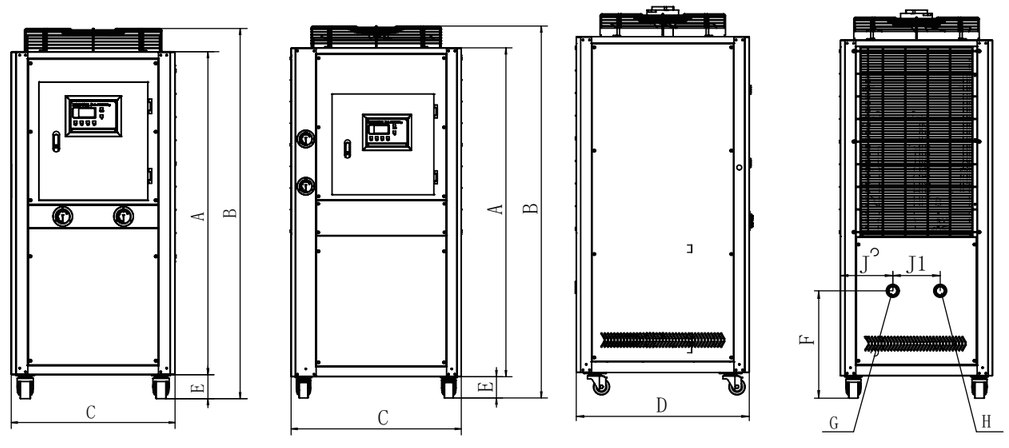
PRODUCT PARAMETERS DXY-PA50~100

Model			DXY-PA50	DXY-PA60	DXY-PA80	DXY-PA100
Cooling Capacity		(kcal/h)	12000	15000	20000	24000
		W	15000	17700	24000	28500
		BTU/H	50000	60000	81000	96000
Horsepower		HP	5HP	6HP	8HP	10HP
Temp. Control Range		(℃)	Thermostatic (setting range:20℃~50℃)			
Conditions	Ambient Temp.		-10℃~43℃ (Well ventilated, no sun or rain, no vibration)			
	Oil Temp.	(℃)	5℃~60℃			
	Oil Type		Lubricating oil, hydraulic oil, heat transfer oil, transformer oil			
	Oil Number	(Cst)	5#~68# Spindle oil, hydraulic oil, lubricating oil, heat transfer oil, insulating oil, etc. For oils above 100#, consultation is required.			
Input Power		(V)	3PH/AC380V±10%50HZ			
Rated power		(kW)	6.7	7.6	10	12
Compressor	Supply	(V)	3PH/AC380V50HZ			
	Power	(kW)	4.66	5.5	7	9
Oil pump	Power	(kW)	1.5	1.5	2.2	2.2
	Flow	(L/min)	50	63	80	100
Ventilator	Power	(kW)	0.6	0.6	0.78	0.78
Inlet&Outlet Oil Pipe Interface Size		(mm)	Rc1-1/4"	Rc1-1/4"	Rc1-1/2"	Rc1-1/2"
Dimension	Height	(mm)	1510	1600	1800	1800
	Width	(mm)	700	700	820	820
	Length	(mm)	830	830	830	830
Net Weight		(kg)	183	188	263	265
Refrigerant			Refrigerant:R22 (R410a)			
Protective Device			☆ Phase loss protection ☆ Motor reverse phase sequence protection ☆ Compressor overload protection ☆ Oil pump overload protection ☆ High and low pressure protection ☆ Abnormal alarm			

Remarks:

- "Refrigeration capacity" denotes the cooling capability under specific conditions: an ambient temperature of 35°C, an inlet oil temperature of 40°C, and the use of 5#~46# hydraulic oil.
- This series comprises various units, including Model A, which maintains a fixed temperature.
- The series also includes units with an oil pump motor and units without an oil pump motor. The model without an oil pump motor is designed for external oil pump installation.
- During installation, make sure to reserve a space of less than 50cm at the air suction port, and a space of more than 300cm at the fan exhaust port.

PRODUCT SPECIFICATIONS



SERIES	A	B	C	D	E	F	J	J_1	H	G
DXY-PA50	1304	1510	700	830	104	505	159	200	Rc1-1/4" Oil outlet	Rc1-1/4" Fuel inlet
DXY-PA60	1392	1600	700	830	104	505	159	200	Rc1-1/4" Oil outlet	Rc1-1/4" Fuel inlet
DXY-PA80	1559	1800	830	820	104	604	264	300	Rc1-1/2" Oil outlet	Rc1-1/2" Fuel inlet
DXY-PA100	1559	1800	830	820	104	604	264	300	Rc1-1/2" Oil outlet	Rc1-1/2" Fuel inlet

PRODUCT PARAMETERS

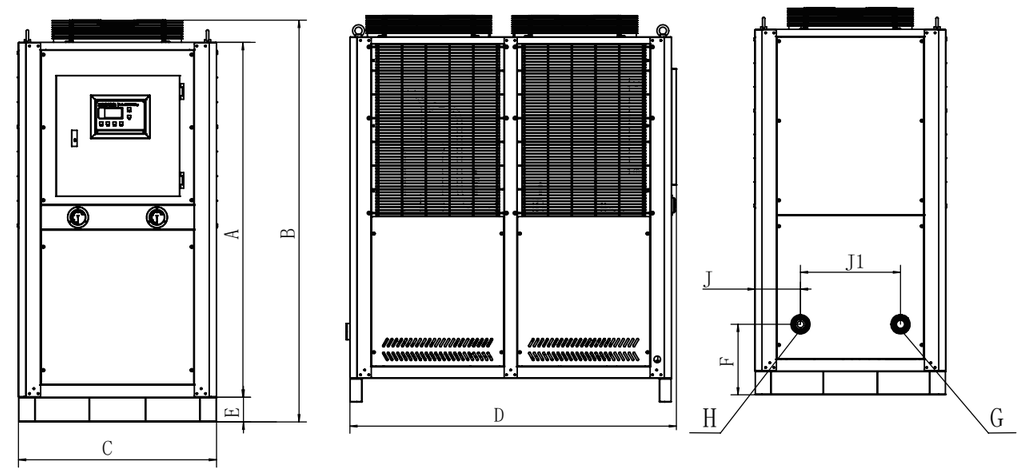
DXY-PA120~150

Model			DXY-PA120	DXY-PA150
Cooling Capacity		(kcal/h)	30000	40000
		W	35000	46500
		BTU/H	119000	150000
Horsepower		HP	12HP	15HP
Temp. Control Range		(℃)	Thermostatic (setting range:20℃~50℃)	
Conditions	Ambient Temp.		-10℃~43℃ (Well ventilated, no sun or rain, no vibration)	
	Oil Temp.	(℃)	5℃~60℃	
	Oil Type		Lubricating oil, hydraulic oil, heat transfer oil, transformer oil	
	Oil Number	(Cst)	5#~68# Spindle oil, hydraulic oil, lubricating oil, heat transfer oil, insulating oil, etc. For oils above 100#, consultation is required.	
Input Power		(V)	3PH/AC380V±10%50HZ	
Rated power		(kW)	15	19
Compressor	Supply	(V)	3PH/AC380V50HZ	
	Power	(kW)	10.8	14
Oil pump	Power	(kW)	3	3
	Flow	(L/min)	120	160
Ventilator	Power	(kW)	0.42*2	0.6*2
Inlet&Outlet Oil Pipe Interface Size		(mm)	Rc2"	Rc2.5"
Dimension	Height	(mm)	1630	1760
	Width	(mm)	800	900
	Length	(mm)	1375	1540
Net Weight		(kg)	322	386
Refrigerant			Refrigerant:R22 (R410a)	Refrigerant:R410a
Protective Device			☆ Phase loss protection ☆ Motor reverse phase sequence protection ☆ Compressor overload protection ☆ Oil pump overload protection ☆ High and low pressure protection ☆ Abnormal alarm	

Remarks:

- "Refrigeration capacity" denotes the cooling capability under specific conditions: an ambient temperature of 35°C, an inlet oil temperature of 40°C, and the use of 5#~46# hydraulic oil.
- This series comprises various units, including Model A, which maintains a fixed temperature.
- The series also includes units with an oil pump motor and units without an oil pump motor. The model without an oil pump motor is designed for external oil pump installation.
- During installation, make sure to reserve a space of less than 50cm at the air suction port, and a space of more than 400cm at the fan exhaust port.

PRODUCT SPECIFICATIONS



SERIES	A	B	C	D	E	F	J	J_1	G	H
DXY-PA120	1439	1630	800	1375	100	297	191	421	Rc2" Oil outlet	Rc2" Fuel inlet
DXY-PA150	1686	1760	900	1540	100	313	276	380	Rc2.5"Oil outlet	Rc2.5" Fuel inlet

PRODUCT PARAMETERS

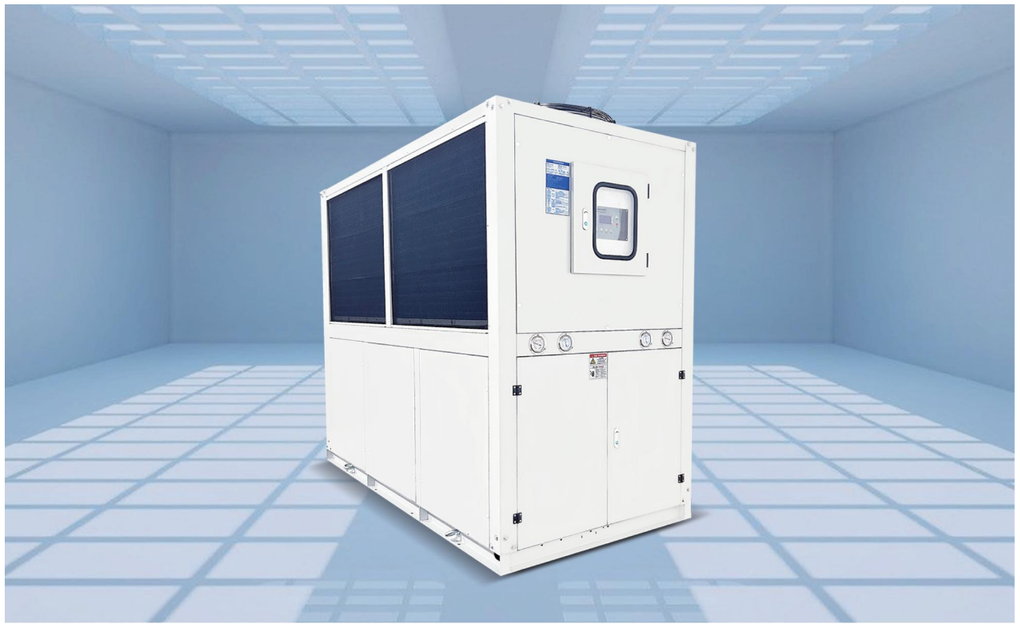
DXY-PA200~300

Model			DXY-PA200	DXY-PA250	DXY-PA300
Cooling Capacity		(kcal/h)	50000	60000	80000
		W	58000	70000	93000
		BTU/H	197000	240000	310000
Horsepower		HP	20HP	25HP	30HP
Temp. Control Range		(℃)	Thermostatic (setting range:20℃~50℃)		
Conditions	Ambient Temp.		-10℃~43℃ (Well ventilated, no sun or rain, no vibration)		
	Oil Temp.	(℃)	5℃~60℃		
	Oil Type		Lubricating oil, hydraulic oil, heat transfer oil, transformer oil		
	Oil Number	(Cst)	5#~68# Spindle oil, hydraulic oil, lubricating oil, heat transfer oil, insulating oil, etc. For oils above 100#, consultation is required.		
Input Power		(V)	3PH/AC380V±10%50HZ		
Rated power		(kW)	25	28	36
Compressor	Supply	(V)	3PH/AC380V50HZ		
	Power	(kW)	9*2	11*2	14*2
Oil pump	Power	(kW)	4	4	5.5
	Flow	(L/min)	200	250	300
Ventilator	Power	(kW)	0.8*2	0.8*2	0.78*3
Inlet&Outlet Oil Pipe Interface Size		(mm)	DN65	DN80	DN80
Dimension	Height	(mm)	1850	1900	1900
	Width	(mm)	1000	1000	1110
	Length	(mm)	1770	1970	2270
Net Weight		(kg)	550	607	700
Refrigerant			Refrigerant:R410a		
Protective Device			☆ Phase loss protection ☆ Motor reverse phase sequence protection ☆ Compressor overload protection ☆ Oil pump overload protection ☆ High and low pressure protection ☆ Abnormal alarm		

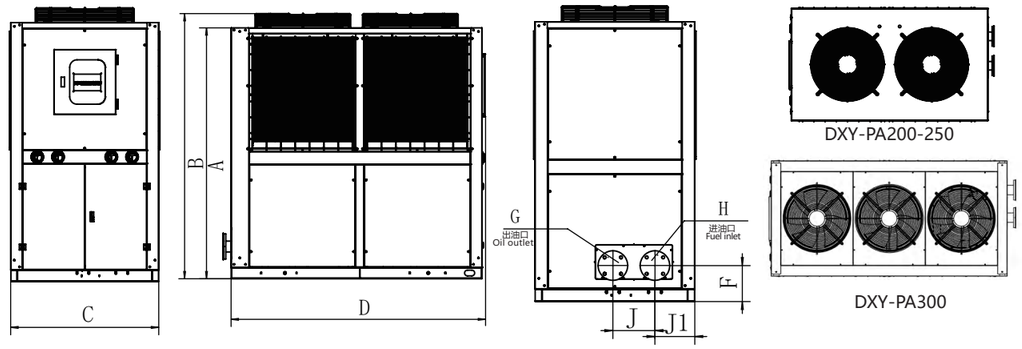
Remarks:

- "Refrigeration capacity" denotes the cooling capability under specific conditions: an ambient temperature of 35°C, an inlet oil temperature of 40°C, and the use of 5#~46# hydraulic oil.
- This series comprises various units, including Model A, which maintains a fixed temperature.
- The series also includes units with an oil pump motor and units without an oil pump motor. The model without an oil pump motor is designed for external oil pump installation.
- During installation, make sure to reserve a space of less than 50cm at the air suction port, and a space of more than 500cm at the fan exhaust port.

DONGXU HYDRAULICS



PRODUCT SPECIFICATIONS



SERIES	A	B	C	D	F	J	J_1	G	H
DXY-PA200	1750	1850	1000	1770	225	263	249	DN65 Flange	DN65 Flange
DXY-PA250	1800	1900	1000	1970	215	262	249	DN80 Flange	DN80 Flange
DXY-PA300	1800	1900	1110	2270	215	263	279	DN80 Flange	DN80 Flange

PRODUCT PARAMETERS

DXY-PA400~500

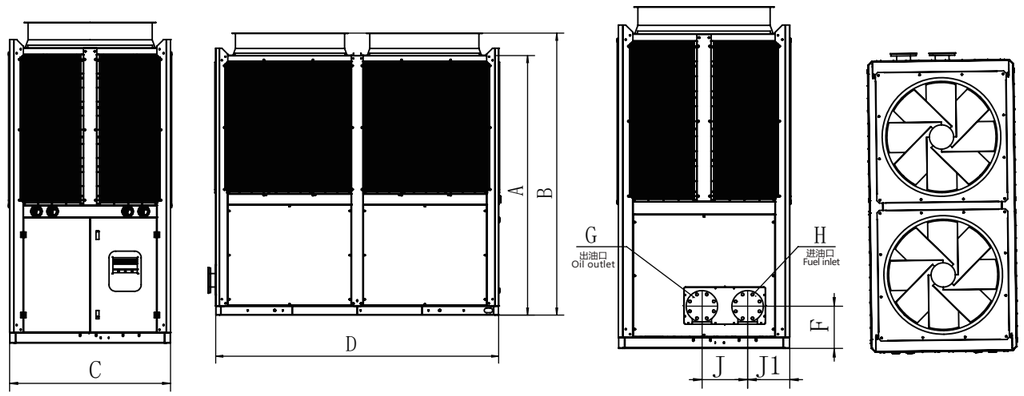
Model			DXY-PA400	DXY-PA500
Cooling Capacity		(kcal/h)	100000	120000
		W	120000	143000
		BTU/H	395000	480000
Horsepower		HP	40HP	50HP
Temp. Control Range		(℃)	Thermostatic (setting range:20℃~50℃)	
Conditions	Ambient Temp.		-10℃~43℃ (Well ventilated, no sun or rain, no vibration)	
	Oil Temp.	(℃)	10℃~60℃	
	Oil Type		Lubricating oil, hydraulic oil, heat transfer oil, transformer oil	
	Oil Number	(Cst)	5#~68# Spindle oil, hydraulic oil, lubricating oil, heat transfer oil, insulating oil, etc. For oils above 100#, consultation is required.	
Input Power		(V)	3PH/AC380V±10%50HZ	
Rated power		(kW)	45	56
Compressor	Supply	(V)	3PH/AC380V50HZ	
	Power	(kW)	17.8*2	21.2*2
Oil pump	Power	(kW)	5.5	7.5
	Flow	(L/min)	400	500
Ventilator	Power	(kW)	1.9*2	1.9*2
Inlet&Outlet Oil Pipe Interface Size		(mm)	DN100	DN100
Dimension	Height	(mm)	2430	2430
	Width	(mm)	1200	1200
	Length	(mm)	2400	2400
Net Weight		(kg)	970	1100
Refrigerant			Refrigerant:R410a	
Protective Device			☆ Phase loss protection ☆ Motor reverse phase sequence protection ☆ Compressor overload protection ☆ Oil pump overload protection ☆ High and low pressure protection ☆ Abnormal alarm	

Remarks:

- "Refrigeration capacity" denotes the cooling capability under specific conditions: an ambient temperature of 35°C, an inlet oil temperature of 40°C, and the use of 46# hydraulic oil.
- This series comprises various units, including Model A, which maintains a fixed temperature.
- The series also includes units with an oil pump motor and units without an oil pump motor. The model without an oil pump motor is designed for external oil pump installation.
- During installation, make sure to reserve a space of less than 50cm at the air suction port, and a space of more than 500cm at the fan exhaust port.

DONGXU HYDRAULICS

PRODUCT SPECIFICATIONS



SERIES	A	B	C	D	F	J	J_1	G	H
DXY-PA400	2203	2430	1200	2400	296	319	295	DN100 Flange	DN100 Flange
DXY-PA500	2203	2430	1200	2400	296	319	295	DN100 Flange	DN100 Flange

PRODUCT PARAMETERS

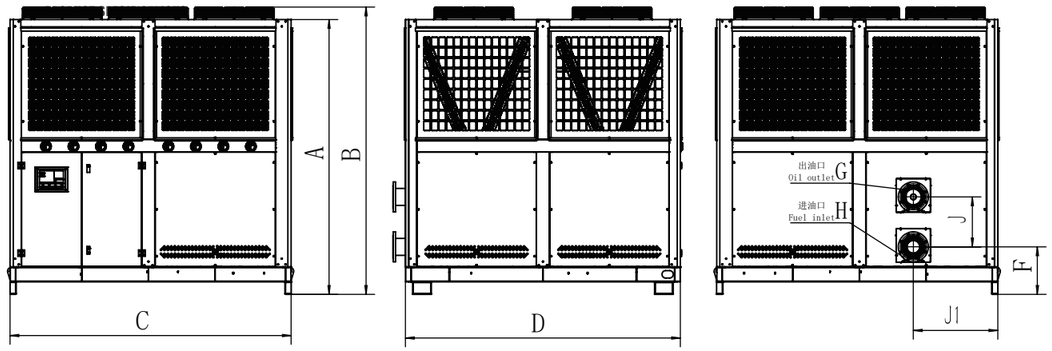
DXY-PA600

Model			DXY-PA600
Cooling Capacity		(kcal/h)	160000
		W	185000
		BTU/H	630000
Horsepower		HP	60HP
Temp. Control Range		(℃)	Thermostatic (setting range:20~50℃)
Conditions	Ambient Temp.		-10℃~43℃ (Well ventilated, no sun or rain, no vibration)
	Oil Temp.	(℃)	5℃~60℃
	Oil Type		Lubricating oil, hydraulic oil, heat transfer oil, transformer oil
	Oil Number	(Cst)	5#~68# Spindle oil, hydraulic oil, lubricating oil, heat transfer oil, insulating oil, etc.
Input Power		(V)	3PH/AC380V±10%50HZ
Rated power		(kW)	71
Compressor	Supply	(V)	3PH/AC380V50HZ
	Power	(kW)	13.8*4
Oil pump	Power	(kW)	11
	Flow	(L/min)	600
Ventilator	Power	(kW)	0.78*6
Inlet&Outlet Oil Pipe Interface Size		(mm)	DN125
Dimension	Height	(mm)	2300
	Width	(mm)	2250
	Length	(mm)	2200
Net Weight		(kg)	1450
Refrigerant			Refrigerant:R410a
Protective Device			☆ Phase loss protection ☆ Motor reverse phase sequence protection ☆ Compressor overload protection ☆ Oil pump overload protection ☆ High and low pressure protection ☆ Abnormal alarm

Remarks:

- "Refrigeration capacity" denotes the cooling capability under specific conditions: an ambient temperature of 35°C, an inlet oil temperature of 40°C, and the use of 5#~46# hydraulic oil.
- This series comprises various units, including Model A, which maintains a fixed temperature.
- The series also includes units with an oil pump motor and units without an oil pump motor. The model without an oil pump motor is designed for external oil pump installation.
- During installation, make sure to reserve a space of less than 50cm at the air suction port, and a space of more than 200cm at the fan exhaust port.

PRODUCT SPECIFICATIONS



SERIES	A	B	C	D	F	J	J_1	G	H
DXY-PA600	2100	2300	2250	2200	380	400	676	DN125 Flange	DN125 Flange

Special High-Temperature Chiller System

DXY-GPA30~100

Special High-Temperature Chiller System

Product Description:

The high-temperature oil cooler is a specially designed cooler that operates normally in high ambient temperatures, offering stable and reliable performance.

Features&Functions

- High-Efficiency Heat Dissipation:Equipped with large-sized radiators and high-performance cooling fans to increase heat dissipation area and enhance cooling efficiency.
- High-Temperature-Resistant Components:Key components such as compressors, motors, controllers, etc., are made from high-temperature-resistant materials or undergo special high-temperature treatment to ensure reliability.
- High Cooling Capacity:Designed to deliver sufficient cooling power even in high-temperature environments, ensuring high refrigeration capacity and powerful cooling performance.
- Intelligent Control System:Features an advanced intelligent control system for precise temperature regulation. It includes fault diagnostics, alarms, and protection functions to promptly detect and resolve operational issues, guaranteeing safe and reliable operation.
- High-Quality Refrigerant:Uses R134A, an eco-friendly refrigerant with a high boiling point and low freezing point, maintaining excellent cooling performance even at elevated temperatures. Its chemical stability ensures long-term operation without decomposition or degradation, delivering consistent cooling efficiency.

Application conditions

- Suitable for environments with ambient temperatures ranging from 40°C to 60°C.
- Commonly used in forging workshops, casting workshops, heat treatment workshops, and other high ambient temperature environments.

DXY-GPA Special High-Temperature Chiller System

PRODUCT PARAMETERS — DXY-GPA30~100

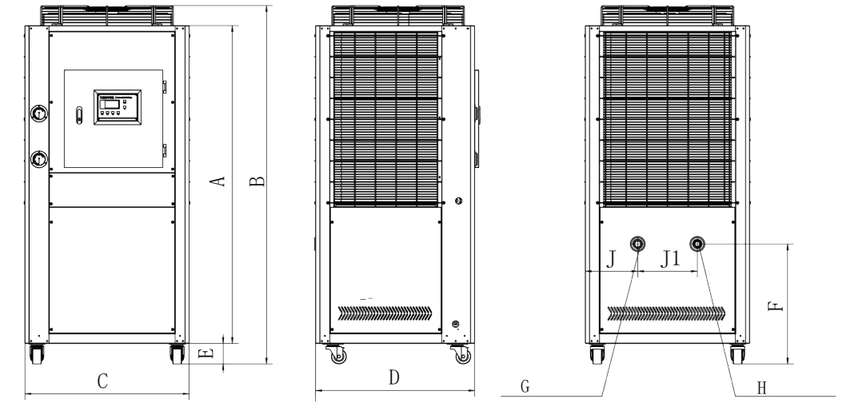
Model		DXY-GPA30	DXY-GPA50	DXY-GPA60	DXY-GPA80	DXY-GPA100
Input Power		3PH/AC380±10%50Hz				
Rated power		5.8	7	9	11	13
Cooling Capacity	Kcal/h	7000	12000	15000	20000	24000
	kW	8.2	15	17.5	24	28
Temp. Control Range (℃)		30~58℃				
Conditions	Ambient Temp.	Below 55℃, well ventilated, no corrosive aerosol, no strong vibration source				
	Applicable liquids (℃)	5~60				
	Type of oil	Hydraulic oil, lubricating oil, heat transfer oil				
	Oil Number (Cst)	5~68#(Viscosity value over 100 needs special customisation)				
Dimension	Height B(mm)	1510	1800	1800	1630	1760
	Width C(mm)	710	820	820	800	900
	Length D(mm)	830	830	830	1375	1540
Inlet&Outlet Oil Pipe Interface Size		DN32	DN40	DN40	DN50	DN50
Refrigerant		R134a				
Protective Device		High and low refrigerant pressure protectionCompressor and pump overload and short-circuit protection Compressor pump and fan start delay protectionPower phase loss and voltage protection (over-voltage and under-voltage)Insufficient liquid flow protectionOther related safety devices				

Note:
1.The parameter table includes common specifications; for detailed dimensions, please refer to the DXY-GPA series. Special non-standard customization is also available upon request.
2.As part of our continuous improvement policy, product design and specifications are subject to change without prior notice.

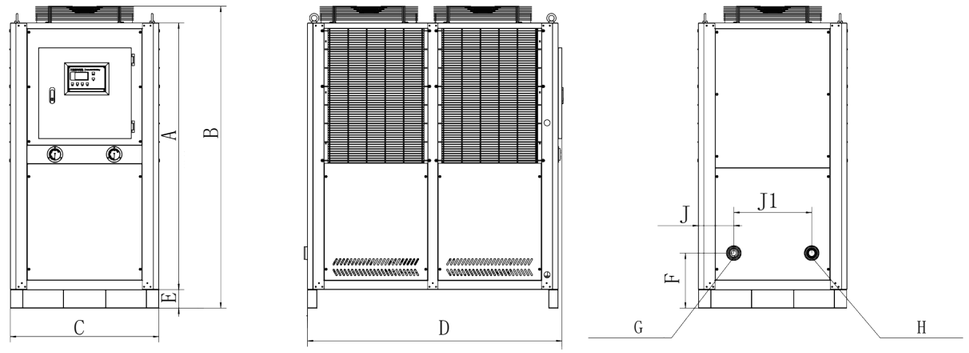
DONGXU HYDRAULICS

PRODUCT SPECIFICATIONS — DXY-PA10~20

PRODUCT SPECIFICATIONS



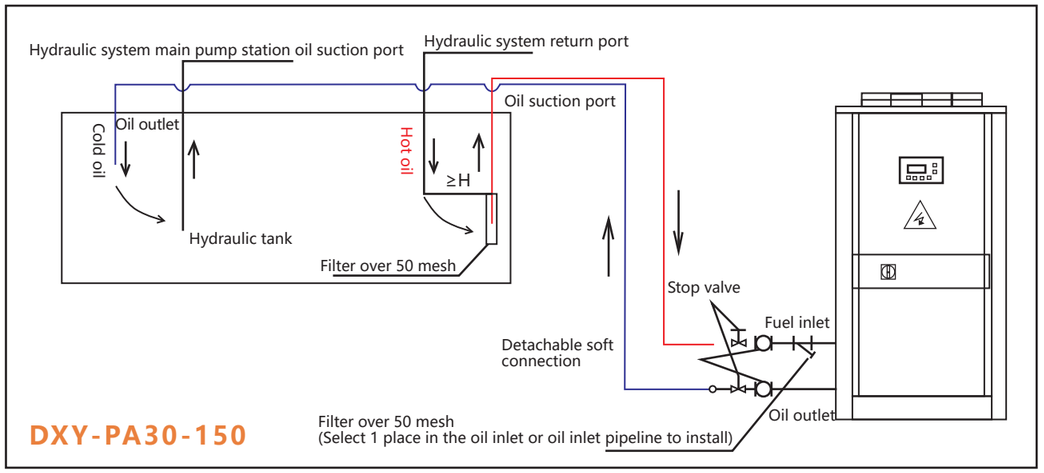
DXY-GPA30~60



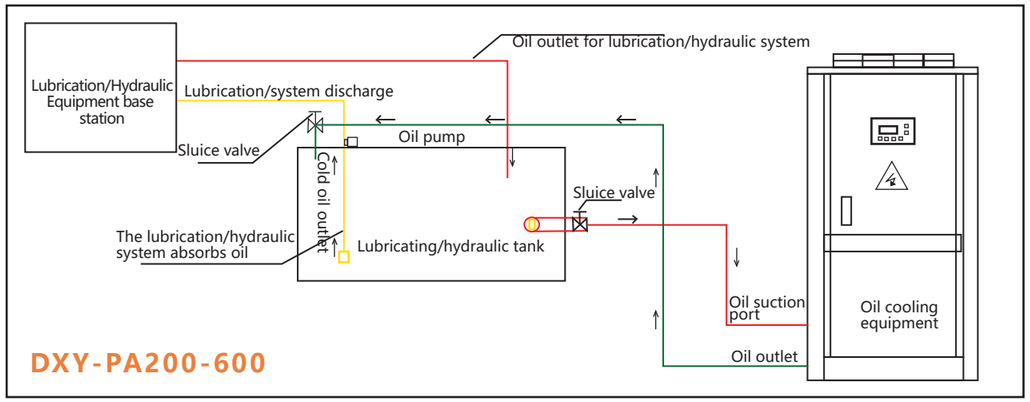
DXY-GPA80~100

SERIES	A	B	C	D	E	F	J	J_1	G	H
DXY-GPA30	1304	1510	710	830	104	505	219	120	DN32 Fuel inlet	DN32 Oil outlet
DXY-GPA50	1599	1800	820	830	104	604	264	300	DN40 Fuel inlet	DN40 Oil outlet
DXY-GPA60	1599	1800	820	830	104	604	264	300	DN40 Fuel inlet	DN40 Oil outlet
DXY-GPA80	1439	1630	800	1375	100	297	191	421	DN50 Oil outlet	DN50 Fuel inlet
DXY-GPA100	1555	1760	900	1540	100	313	276	381	DN50 Oil outlet	DN50 Fuel inlet

CNC Machine Tool Spindle Cooler Installation Diagram



1.To maintain uniform oil tank temperature, ensure an adequate distance between the oil suction port and the oil cooler's outlet. The oil suction port should be positioned near the hydraulic system's oil return area while still maintaining some separation. It is recommended that this distance (H) be at least 200mm to prevent thermal shock and interference with the refrigeration system.
2.When feasible, install insulation materials on the oil cooler's inlet and outlet to minimize energy loss.



1.To install the oil cooler's connecting pipe, the oil suction pipe should be affixed to the mid to lower portion of the oil tank's side. A gate valve must be attached to the welded joint. Connection to the machine port can be achieved with either a wired hose or a hard tube. If a hard tube is used for the connection, ensure the machine's oil inlet and outlet are connected with a hose to prevent internal machine pipe damage due to vibration.
2.The pipeline length connecting the oil cooler to the oil tank should not exceed 3 meters. Install a large filter within the oil tank at the oil suction port. In special cases where the connecting pipe needs to be extended, the pipe's diameter should be increased, and insulation should be applied externally.
3.The oil cooler's connecting pipe should have a diameter that is equal to or larger than the machine's standard pipe diameter.
4.Please adhere strictly to the above instructions when installing the oil cooler's oil inlet and outlet.

DONGXU HYDRAULICS

Immersion Cooling Machine

DXY-15AQ~75AQ

Specialized Immersion Cooling Machine for Cutting Fluid Series

Features&Functions

- Designed for immersion, allowing for easy installation, simple cleaning, and low maintenance.
- Eliminates the need for water or oil pumps, ensuring uninterrupted operation without being affected by impurities, grime, or metal shavings.
- The evaporator uses stainless steel or titanium tubes, extending the lifespan of the cooling machine.
- Features a bottom-mounted agitator motor for quick and uniform cooling of the liquid.
- Employs a tri-state dual-position temperature controller with an accuracy of ±0.1°C.
- Includes multiple fault alarms and passive signal outputs .

Features&Functions

- CNC High-Speed Lathes
- CNC Precision Grinders
- CNC Horizontal Machining Centers
- CNC Gantry Grinding and Milling Machines
- Cooling of Cutting Fluids in Various Precision Machining Processes

Schematic drawing Immersion Cooling Machine

DONGXU HYDRAULICS

Specialized Immersion Cooling Machine for Cutting Fluid Series

PRODUCT PARAMETERS DXY-15AQ~75AQ

Model	Rated Input Voltage	Input Power	Rated Input Current	Rated Cooling Capacity	Set Temperature	Working Temperature	Motor power	Refrigerant	Net Weight	Dimensions
DX-15AQ	AC220V 50Hz	580W	2.6A	1500W	3℃~55℃	-10℃~65℃	20W	R410A	38kg	420mm 420mm 800mm
DX-25AQ	AC220V 50Hz	860W	4A	2500W	3℃~55℃	-10℃~65℃	20W	R410A	45kg	480mm 480mm 950mm
DX-35AQ	AC220V 50Hz	1150W	5.3A	3500W	3℃~55℃	-10℃~65℃	20W	R410A	50kg	480mm 480mm 950mm
DX-50AQ	AC220V 50Hz	1640W	7.5A	5000W	3℃~55℃	-10℃~65℃	35W	R410A	65kg	520mm 520mm 1280mm
DX-75AQ	AC220V 50Hz	2680W	12.2A	7500W	3℃~55℃	-10℃~65℃	36W	R410A	74kg	520mm 520mm 1280mm

Model description :DX- □AQ(DX Abbreviation of representative company, □Representative specification, AQ sRepresentative immersion)

Note：Product specifications can be customized according to customer needs. Due to ongoing product updates, the above parameters are subject to change. Please refer to the product nameplate for the most accurate information.

Cabinet Cooler

DX-GA300~4000
DX-DA400~2000
DX-HA400~1500

Cabinet cooler Selection Instructions

DX - G A 600 A1

- A1: Input Power Mode
  A1 : 220-50Hz, A2 : 110--60HZ
  A3 : 220---60hz A4 : 380---50hz
- 600: 600:Cooling capacity
- A: A: Air conditioning mode
- G: G: Wall Mount
  D: Top Mount
  H: Horizontal Mount
- DX: DX: Manufacturer

Cabinet Air Conditioning Selection Notes:

Cabinet coolers are precision electrical appliances. When selecting a model, the following issues must be considered:

▲First confirm whether you need the product for outdoor or indoor use.

▲ Ensure that the total heat generation of the cabinet is not greater than the available cooling capacity of the cooler(we can help customers calculate the heat generation of the cabinet and configure the appropriate cooler free of charge. Customers only need to fill in the 'Cooler Selection Parameter Table' on the last page and provide it to us), if the cooling capacity is not sufficient, it will lead to the cooler working all the time and affecting the life of the air conditioner.

▲For larger cabinets, we recommend using multiple coolers for cooling to ensure even distribution of cool air inside the cabinet.

▲ If the ambient temperature is higher than 40℃, the degradation of air-conditioning performance must also be considered. The standard cooling capacity of all coolers is measured at 35℃, and If the ambient temperature reaches 50℃, the cooling capacity of the air conditioner will be only about 70% of its original design.

DX-GA Series Indoor AC Air Conditioner

The DX-GA series indoor AC air conditioner adopts lengthened air duct technology to make the temperature inside the electrical box uniform and better solve the heating problem of the electrical box.

Features

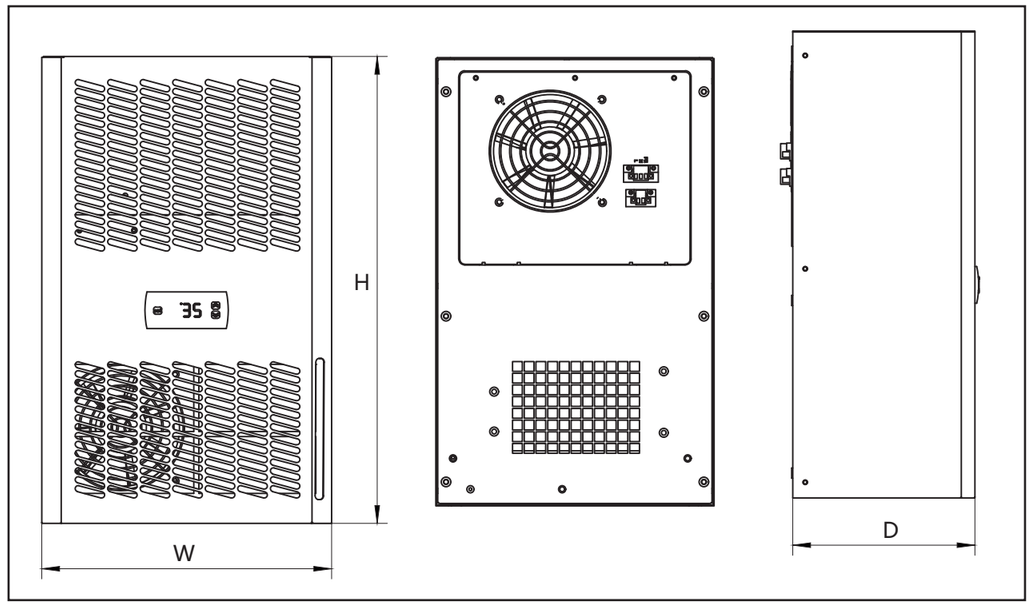
1. Installation: flexible and convenient
2. Performance: low noise, high energy efficiency, corrosion resistance
3. Reliable: adopting industrial-grade parts of famous brands
4. Dustproof: Effective dust filtration design
5. Anti-condensation: large air volume, small enthalpy difference design
6. Environmental protection: refrigerant R134a
7.Working environment range:-40~+55℃
8.With multi-function alarm output, and RS485 communication function

DONGXU HYDRAULICS

PRODUCT PARAMETERS DX-GA300~4000

Model	Operating voltage	Overall dimensions (H*W*D) (mm)	Operating environment	Cooling capacity (w)	Calorisation	Power (w)	Noise (dB/A)	Weight (kg)
DX-GA300	220V/50HZ	459*285*179	Indoor	300	300	245	54	12
DX-GA400	220V/50HZ	552*320*186	Indoor	400	300	265	54	17
DX-GA600	220V/50HZ	552*320*186	Indoor	600	500	285	54	17
DX-GA1000	220V/50HZ	727*370*187	Indoor	1000	1000	350	61	20
DX-GA1500	220V/50HZ	1108*406*212	Indoor	1500	1000	610	65	35
DX-GA2000	220V/50HZ	1108*406*212	Indoor	2000	1000	1000	65	40
DX-GA2500	220V/50HZ	1408*406*198	Indoor	2500	1000	1080	65	48
DX-GA3200	220V/50HZ	1275*487*248	Indoor	3200	1000	1240	65	57
DX-GA4000	220V/50HZ	1275*487*248	Indoor	4000	1000	1950	70	60.5

PRODUCT SPECIFICATIONS

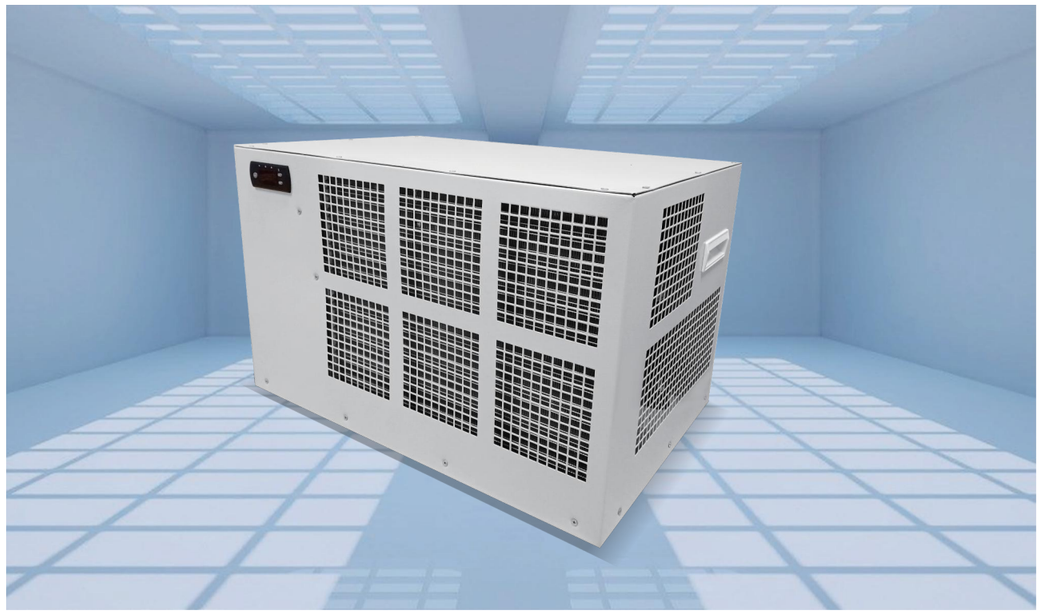


DX-DA Series Indoor AC Cooler

The DX-DA series indoor air conditioning units are designed to be installed on the top of electrical cabinets. They achieve temperature control within the cabinet through refrigeration and air circulation.

Features

1. Installation: flexible and convenient
2. Performance: low noise, high energy efficiency, corrosion resistance
3. Reliable: adopting industrial-grade parts of famous brands
4. Anti-condensation: large air volume, small enthalpy difference design
5. Environmental protection: refrigerant R134a
6.Working environment range:-40~+55℃
7. With multi-function alarm output, and RS485 communication function



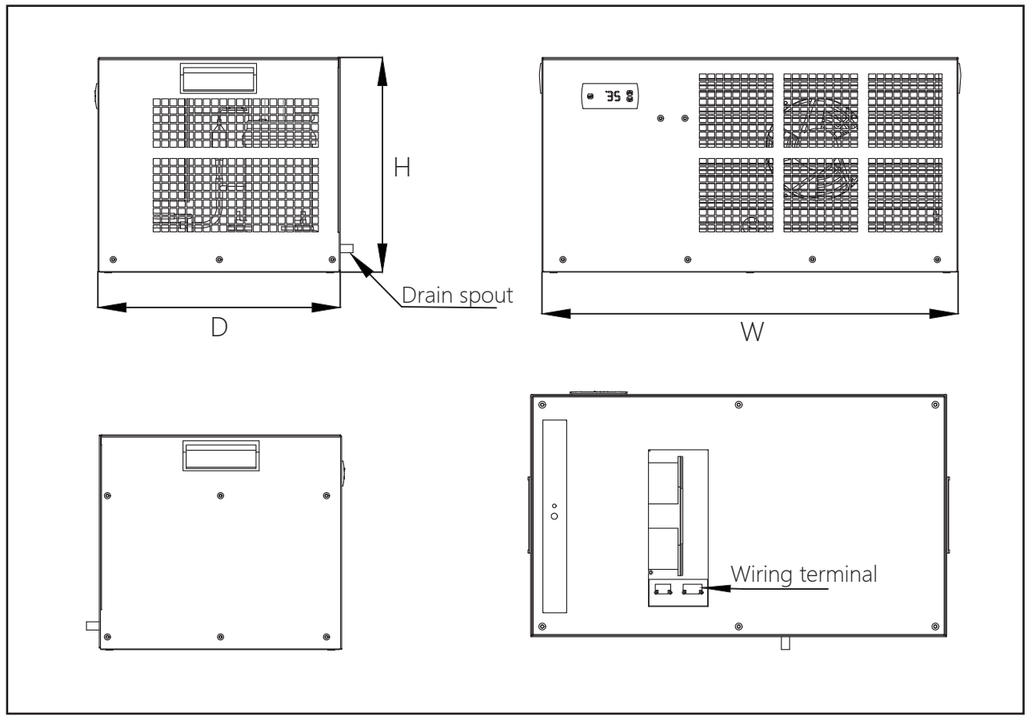
DONGXU HYDRAULICS

PRODUCT PARAMETERS

DX-DA400~2000

Model	Operating voltage	Overall dimensions (H*W*D) (mm)	Cooling capacity (w)	Power (w)	Noise (dB/A)	Weight (kg)
DX-DA400	220V/50HZ	310*600*350	400	330	54	20
DX-DA600	220V/50HZ	310*600*350	600	330	54	20
DX-DA1000	220V/50HZ	338*600*400	1000	400	65	26
DX-DA1500	220V/50HZ	338*600*400	1500	610	65	27
DX-DA2000	220V/50HZ	338*600*400	2000	830	65	30

PRODUCT SPECIFICATIONS



DX-HA series Horizontal Cooler

The DX-HA series horizontal air conditioning units are designed for installation on the side of cabinets to provide effective air cooling while expelling internal heat to protect temperature-sensitive components. High reliability, easy installation, and ready to work upon power connection.

Features

1. Performance: low noise, high energy efficiency, corrosion resistance
2. Reliable: adopting industrial-grade parts of well-known brands
3. Working environment range: -40~+55℃
4. With multi-functional alarm output, and RS485 communication function
5. Environmentally friendly: R134a refrigerant is used

DONGXU HYDRAULICS

PRODUCT PARAMETERS DX-HA400~1500

Model	Operating voltage	Overall dimensions (H*W*D) (mm)	Overall dimensions (H*W*D) (mm)	Cooling capacity (w)	Calorific value (w)	Power (w)	Noise (dB/A)	Weight (kg)
DX-HA400	220V/50HZ	316*546*170	352*582*170	400	500	285	65	12.5
DX-HA600	220V/50HZ	316*546*170	352*582*170	600	500	330	65	17
DX-HA800	220V/50HZ	432*656*192	432*656*192	800	500	385	65	22
DX-HA1000	220V/50HZ	375*650*223	421*696*223	1000	1000	380	65	23
DX-HA1500	220V/50HZ	432*650*223	421*696*223	1500	1000	580	65	24

PRODUCT SPECIFICATIONS