

Hydraulic module

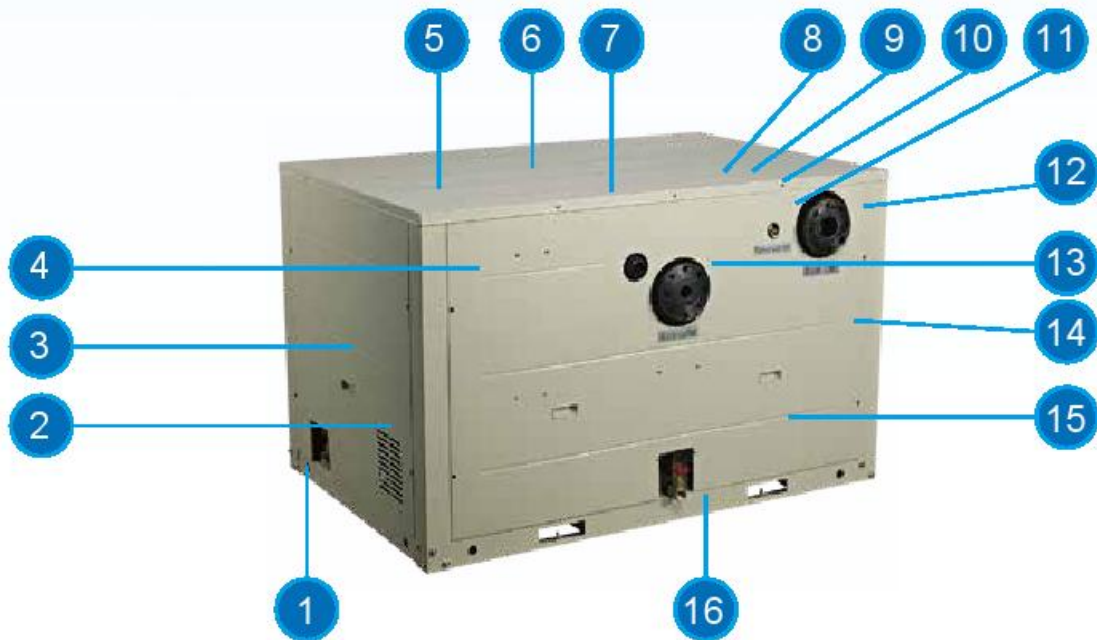


WHM-2/65S3
WHM-2/130S3



Feature

- Highly reliable quality
Whole stainless steel or metal with special coating and anti-rust treatment. High-class main component, dustproof and waterproof.
- Good performance, stable and reliable
Built-in two pumps, one is backup to ensure the system uninterrupted operation.
- Intelligent control, energy security
- Easy installation, low malfunction
Integrated design, much faster and easier to finish the installation, the installation quality is much better than traditional machine.
- Save the installation space and cost
Compact design, it will reduce 80% labor cost and 40% material contrasted with other same grade system.
- Wide range of ambient temperature, from -15°C to 46°C.



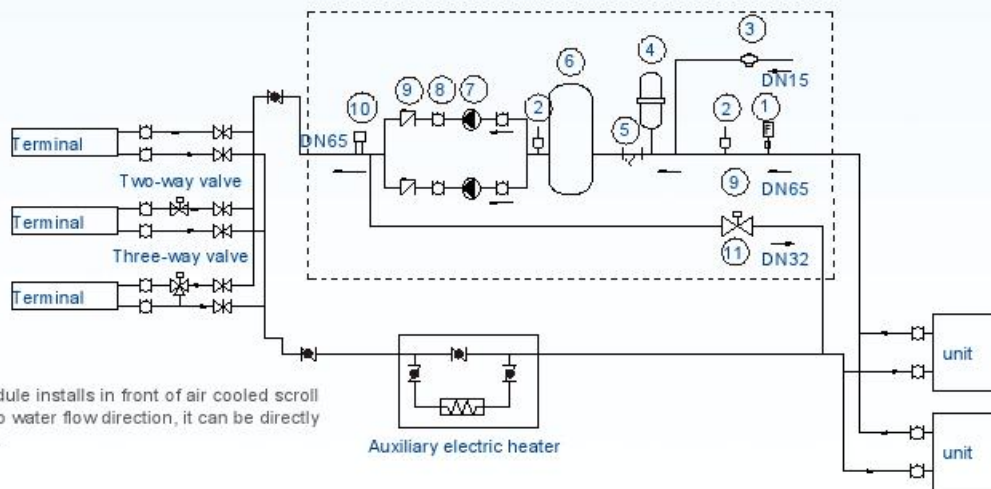
No.	Name	No.	Name
1	Pumping rod type brass gate valves	9	Exhaust valve
2	Pump	10	Water flow controller
3	Water box	11	Water replenishing valve
4	Electrical box	12	Water inlet assembly
5	Y-shape filter	13	Water outlet assembly
6	Exhaust valve	14	Expansion tank
7	Pressure different by-pass valve	15	Pump
8	Safety valve(There is change,goods in kind prevail.)	16	Pumping rod type brass gate valves

Specifications

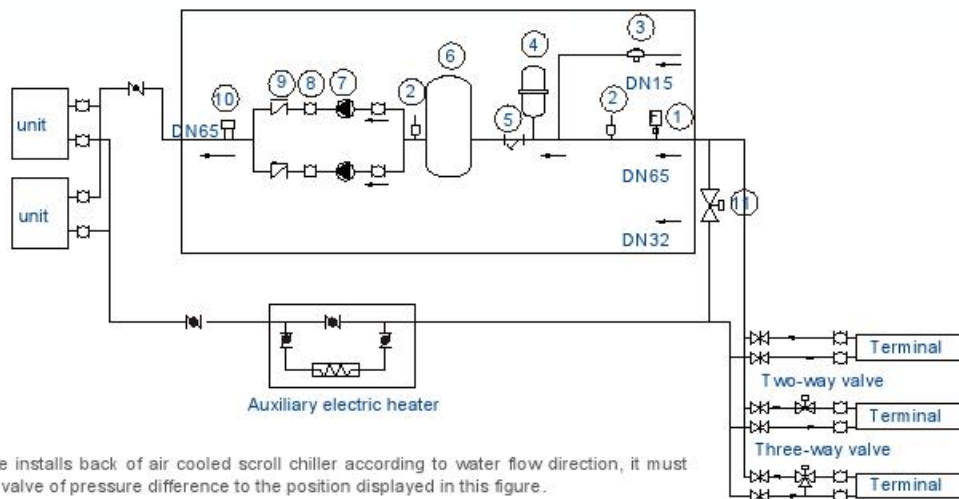
Model		WHM-2/65S3	WHM-2/130S3
Cooling capacity	kW	(65)	(130)
Electrical data			
Voltage, frequency, phase	V/Hz/Ph	380/50/3	380/50/3
Performance			
Motor power input	kW	1.8	3.5
Water pump head	m	16	17
Water flow	m ³ /h	11	22
Water pressure drop	kPa	16	17
Safety valve return pressure	kPa	600	600
Protection class		IP24	IP24
Electric shock protection class		F	F
Noise level	dB(A)	68	68
Dimension & weight			
Water inlet & outlet pipe diameter	mm	DN65	DN65
Net dimension	D×H×W	mm	1705×1120×1050
Packing size	D×H×W	mm	1721×1160×1225
Net weight	kg	290	400
Operation weight	kg	310	420

Note: Specifications are based on the following conditions: Water side fouling factor: 0.086m²°C /kW.

System Pipeline Installation



The hydraulic module installs in front of air cooled scroll chiller according to water flow direction, it can be directly used in this figure.



The hydraulic module installs back of air cooled scroll chiller according to water flow direction, it must change the by-pass valve of pressure difference to the position displayed in this figure.

No.	Name	No.	Name	No.	Name
1	Water flow switch	5	Y-shape filter	9	Check valve
2	Automatic discharge valve	6	Water storage tank	10	Pressure relief valve
3	Water replenishment valve	7	Circulating pump	11	Pressure by-pass valve
4	Expansion tank	8	Flexible joint		