

# Water Cooled Chiller, Heat Pump and Condenserless WQL/WQH/WQRC 524-1204

 150-380 kW

 170-420 kW

 410A

 Scroll

## Technical features

- 8 sizes.
- Cooling capacity from 150 to 380 kW.
- Heating capacity from 170 to 420 kW.
- 3 versions:  
WQL (Cooling only);  
WQH (Heat pump);  
WQRC (Condenserless).
- 2 acoustic option:  
BLN (Basic Low Noise);  
ELN (Extra Low Noise).
- Two refrigerant circuits.
- Scroll compressors.

## Accessories and options

- Wide range of accessories and options.



## Operating limit

### WQL-WQH 524-1204

WQL-WQH			
Leaving water temperature (cooling)	Water	°C	from +5 to +18
	Water + glycol	°C	-8 / +5 (with glycol and electronic expansion valve); +5/+18 (standard)
	Δ T	K	from 3 to 8
Leaving water temperature (heating)	Water	°C	from +25 to +55
	Δ T	°C	from 3 to 15

Note: maximum % glycol (ethylene or propylene): 40%.

### WQRC 524-1204

WQRC			
Leaving water temperature (cooling)	Water	°C	from +5 to +18
	Water + glycol	°C	-8 / +5 (with glycol and electronic expansion valve); +5/+18 (standard)
	Δ T	K	from 3 to 8

Note: maximum % glycol (ethylene or propylene): 40%.

**Technical feature WQL/WQH 524–1204**

Model WQL		524	604	704	804	904	1004	1104	1204
Cooling capacity	kW	155,2	182,8	210,2	237,6	266,3	295,0	341,0	386,6
Power input	kW	33,2	40,2	45,8	51,4	57,6	63,8	73,0	82,8

  

Model WQH		524	604	704	804	904	1004	1104	1204
Cooling capacity	kW	152,8	178,0	204,3	230,6	260,1	289,6	332,6	372,2
Power input	kW	33,4	40,6	46,3	52,0	58,1	64,2	73,6	83,8
Heating capacity	kW	172,0	203,6	233,4	263,2	295,3	327,4	379,0	423,2
Power input	kW	40,6	48,6	55,6	62,6	69,8	77,0	89,6	100,2
Number of refrigerant circuits		2	2	2	2	2	2	2	2
Part load steps	%	4	4	4	4	4	4	4	4

  

Compressor									
Qty		4	4	4	4	4	4	4	4
Type		Scroll							

  

Evaporator/Condenser									
Type		Plate exchanger AISI 316							

  

Dimensions									
Length	mm	2.250	2.250	2.250	2.250	2.250	2.250	2.250	2.250
Width	mm	855	855	855	855	855	855	855	855
Height	mm	1.850	1.850	1.850	1.850	1.850	1.850	1.850	1.850