

Yazaki CH -K40

Specifications

Brand	Yazaki
Type	CH -K40
Product type	Absorption Chiller
Capacity kW	141,0
Capacity Tons	40,1
Refrigerant	Other
Liquid buffer tank	✓
Weight in kg.	Dry weight: 1918 kg Operating weight: 2204 kg
Sizes	1430x1700x2100 mm (LxWxH)
Remarks	Y.o.b. 2007
Stock	1



Description

Used Yazaki CH -K40

This used Yazaki CH-K40 absorption chiller is designed for commercial HVAC applications where both chilled and hot water are required for air conditioning systems. It provides a reliable solution for buildings that need efficient year-round climate control using a thermally driven process rather than conventional mechanical compression.

The system operates with lithium bromide as the absorbent and water as the refrigerant under low-pressure conditions. This absorption technology allows the unit to produce cooling or heating depending on demand, and thanks to an integrated changeover valve, it can switch between these modes within the same system. This makes it a flexible and practical choice

for HVAC installations that require both functions from a single machine.

The CH-K40 is built around a robust set of core components, including a high-temperature generator, a low-temperature generator, a water-cooled condenser, an evaporator, and an absorber. Together, these elements form a closed absorption cycle that ensures stable and efficient operation in commercial environments where reliability and continuous performance are essential.

Cooling capacity: 141 kW (Outlet temperature: 7°C)

Heating capacity: 115 kW (Outlet temperature: 55°C)

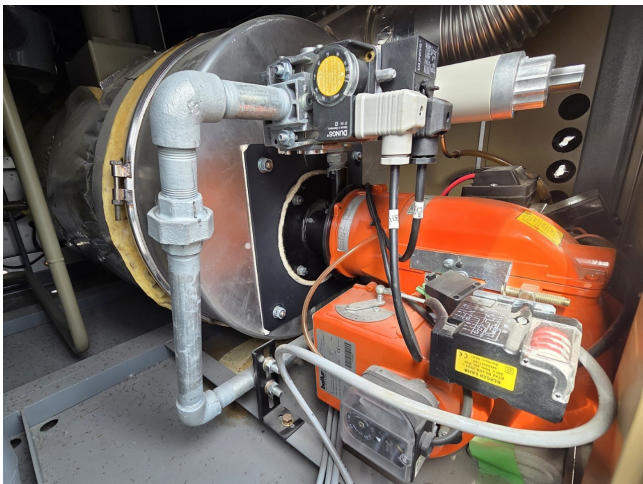
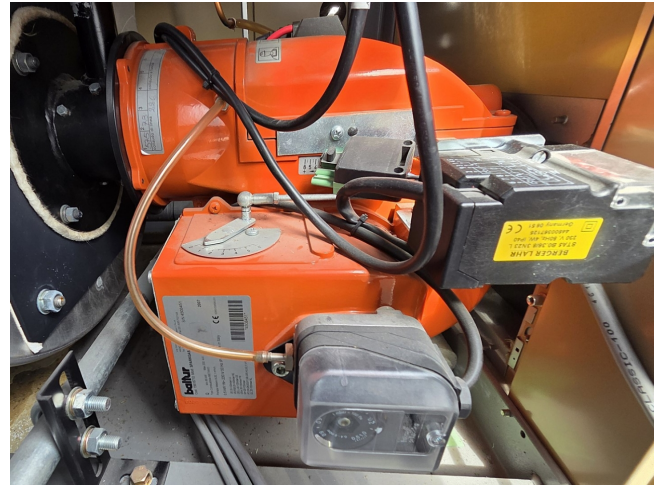
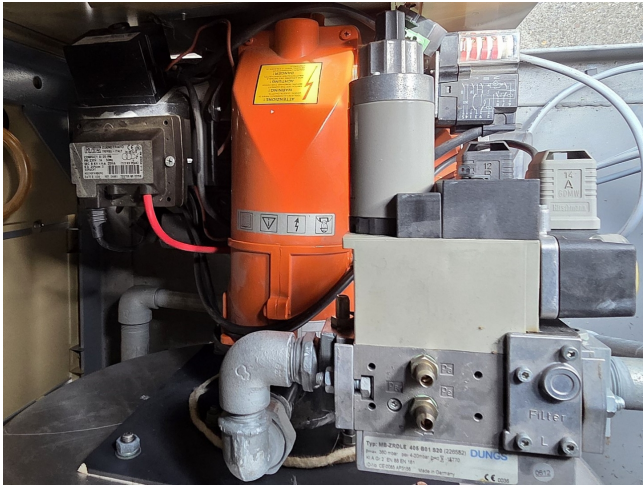
*All components of this used chiller will be tested on adequate performance, leak free condition (condensing blocks), compressors, fans, control panel, and so forth). Choosing HOSBV means buying with warranty. We perform a industrial cleaning. if requested we can arrange your shipment.



AROACE Double Effect Absorption Chiller-Heater				
Technical Specifications				
Model		CH-K 40		
Type				
Capacity	Cooling	(kW)	141	
	Heating	(kW)	115	
Fuel	Type	Natural Gas		
	Consumption	Cooling	(MJ/h)	496
		Heating	(MJ/h)	496
	Pressure	(kPa)	1.96	
	Chilled Hot Water	Outlet Temperature	Cooling	(°C)
		Heating	(°C)	55.0
Cooling Water	Flow Rate	(l/s)	6.1	
	Evaporator Pressure Loss	(kPa)	63.7	
	Inlet Temperature	(°C)	29.5	
	Flow Rate	(l/s)	10.2	
	Condenser/Absorber Pressure Loss	(kPa)	68.6	
Electrical	Supply	(V AC/ph/Hz)	400/3/50	
	Consumption	Cooling	(w)	1410
		Heating	(w)	1410
IP		IPX4		
Serial No		740E5006		
Manufacturing Date		3/2007		
Manufacturer: Yazaki Corporation Hamamatsu, Japan				
Distributor: YAZAKI EUROPE LIMITED				







SOLUTION PUMP MOTOR	
MODEL	CH-K 40 U
PHASES	3
VOLTS	400
HERTZ	50
INS. CLASS	F
RATING	CONT.
OUT PUT	0.50 kW
FLA	2.5 A
RPM	2860
SERIAL No.	740E5006
YAZAKI RESOURCES CO., LTD.	
HAMAMATSU, JAPAN.	

