

Hitachi RCU80SY2

Specifications

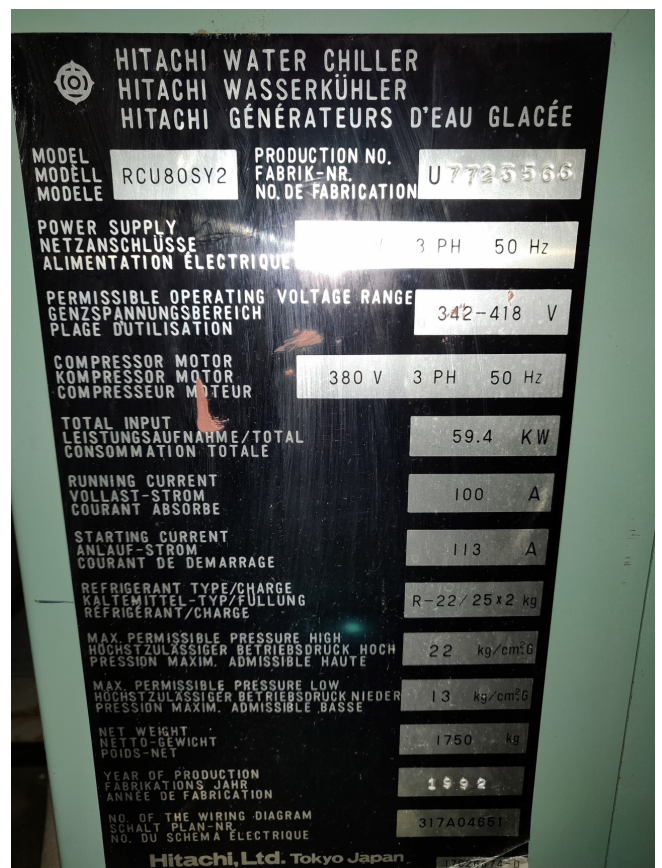
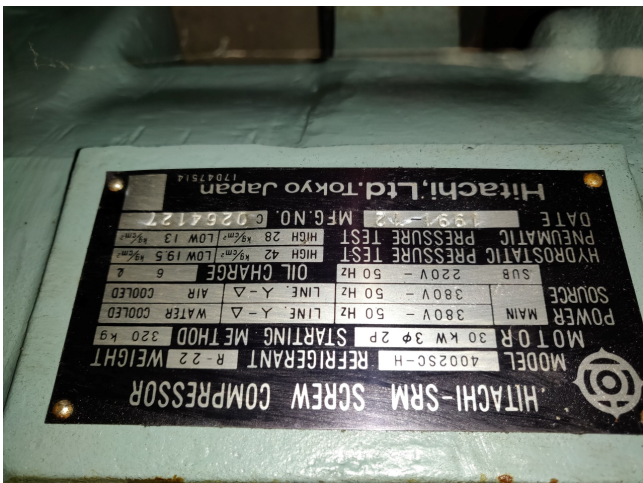
Hersteller	Hitachi
Typ	RCU80SY2
Product type	Air Cooled Chiller
Kälteleistung kW	189.07
Kälteleistung Tons	53,76
Kältemittel	Freon
Kältemittel Typ	R22/water
Liquid buffer tank	✓
Gewicht in kg.	1750
Compressor(s) type & model	Hitachi 4002SC-H S
Stock	1



Description

Used Hitachi RCU80SY2

Used Hitachi waterchiller type RCU80SY2 with an 4002SC-H Screw Compressor // This unit has two types of cooling methods Main 380V 50Hz / Line Water Cooled / Air Cooled // Oil Charge 6 L // Hydrostatic Pressure Test : High 42 kg/cm² / Low 19.5 kg/cm² / Pneumatic Pressure test High 28 kg/cm² / Low 13 kg/cm². *Why choose for HOSBV? Were not only the largest used refrigeration specialist in Europe, but also, we deliver all equipment including an extensive test, warranty and industrial cleaning. *Optional we can also perform a new paint job and arrange the logistics.





HITACHI

SRM Semi-Hermetic Screw Compressor General Product Information

MODEL		4002SC - H	5002SC - H	6002SC - H
COOLING CAPACITY				
50 Hz Operation	kcal/h	111,500	138,000	170,000
60 Hz Operation		134,500	166,000	204,500
50 Hz Operation	Btu/h	442,500	547,500	674,500
60 Hz Operation		533,500	658,500	811,500
MOTOR INPUT				
50 Hz Operation	kW	32.5	40.0	49.5
60 Hz Operation		39.0	48.0	59.5
OVERALL DIMENSIONS				
Height	mm	572	597	597
	(ft. - in.)	(1-10-1/2)	(1-11-1/2)	(1-11-1/2)
Width	mm	437	465	465
	(ft. - in.)	(1-5-1/4)	(1-6-1/4)	(1-6-1/4)
Length	mm	1,117	1,203	1,233
	(ft. - in.)	(3-8)	(3-11-3/8)	(4-0-1/2)
Net Weight	kg	320	430	450
	(lbs.)	(710)	(950)	(995)
Shipping Weight	kg	427	482	527
	(lbs.)	(940)	(1060)	(1160)
DISPLACEMENT				
50 Hz Operation	m ³ /h	137.4	169.5	208.7
	(cfm)	(80.9)	(99.8)	(122.8)
60 Hz Operation	m ³ /h	165.6	204.2	251.5
	(cfm)	(97.5)	(120.2)	(148.0)
PIPING CONNECTING				
Suction Piping O.D.	mm	54.0	54.0	54.0
	(in.)	(2-1/8)	(2-1/8)	(2-1/8)
Discharge Piping O.D.	mm	35.0	41.0	41.0
	(in.)	(1-3/8)	(1-5/8)	(1-5/8)

The cooling capacity and the motor input are based on the following conditions:

Condensing Temperature:	40.8° C (105° F)
Leaving Liquid Temperature from Condenser:	40.8° C (105° F)
Evaporating Temperature:	4.4° C (40° F)
Suction Gas Temperature to Compressor:	12.8° C (55° F)