

# Hitachi RCU80SY2

## Specifications

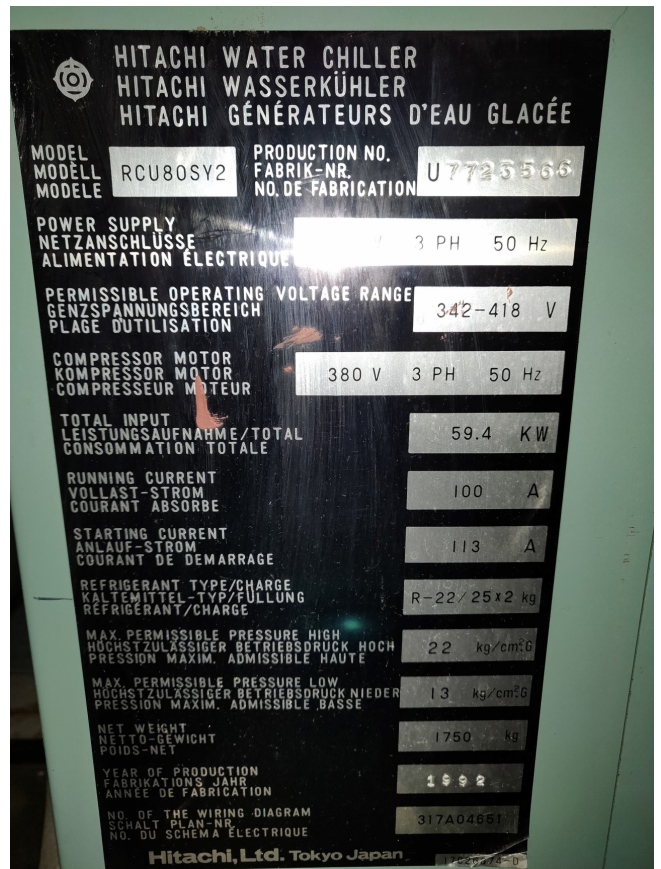
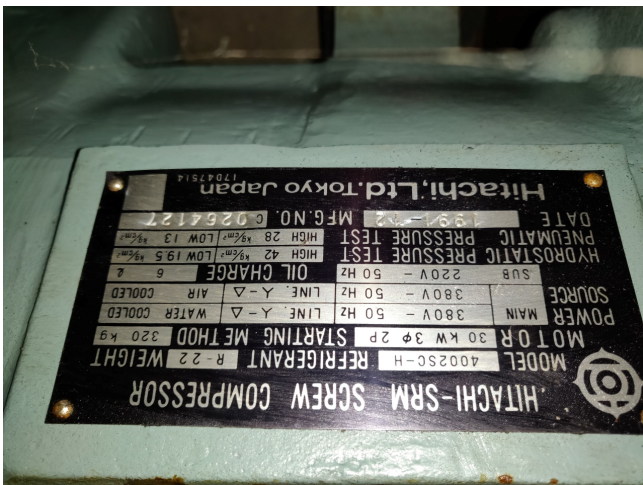
Brand	Hitachi
Type	RCU80SY2
Product type	Air Cooled Chiller
Capacity kW	189,07
Capacity Tons	53,76
Refrigerant	Freon
Refrigerant Type	R22/water
Liquid buffer tank	✓
Weight in kg.	1750
Compressor(s) type & model	Hitachi 4002SC-H S
Stock	1



## 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/cm<sup>2</sup> / Low 19.5 kg/cm<sup>2</sup> / Pneumatic Pressure test High 28 kg/cm<sup>2</sup> / Low 13 kg/cm<sup>2</sup>. \*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
<b>COOLING CAPACITY</b>				
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
<b>MOTOR INPUT</b>				
50 Hz Operation	kW	32.5	40.0	49.5
60 Hz Operation		39.0	48.0	59.5
<b>OVERALL DIMENSIONS</b>				
Height	mm (ft. - in.)	572 (1-10-1/2)	597 (1-11-1/2)	597 (1-11-1/2)
Width	mm (ft. - in.)	437 (1-5-1/4)	465 (1-6-1/4)	465 (1-6-1/4)
Length	mm (ft. - in.)	1,117 (3-8)	1,203 (3-11-3/8)	1,233 (4-0-1/2)
Net Weight	kg (lbs.)	320 (710)	430 (950)	450 (995)
Shipping Weight	kg (lbs.)	427 (940)	482 (1060)	527 (1160)
<b>DISPLACEMENT</b>				
50 Hz Operation	m/h (cfm)	137.4 (80.9)	169.5 (99.8)	208.7 (122.8)
60 Hz Operation	m/h (cfm)	165.6 (97.5)	204.2 (120.2)	251.5 (148.0)
<b>PIPING CONNECTING</b>				
Suction Piping O.D	mm	54.0	54.0	54.0
Suction Piping O.D.	(in.)	(2-1/8)	(2-1/8)	(2-1/8)
Discharge Piping O.D.	mm	35.0	41.0	41.0
Discharge Piping O.D.	(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)