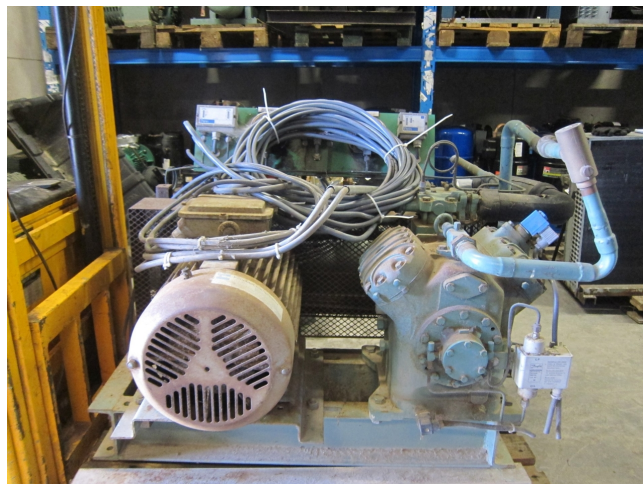


## Bitzer 4H.2 cool/freeze package

### Specifications

Brand	Bitzer
Type	4H.2 cool/freeze package
Refrigerant	Freon
kW at 0°C/+40°C	59.93
kW at -5°C/+40°C	49.91
kW at -10°C/+40°C	41.19
kW at -20°C/+40°C	27.09
kW at -30°C/+40°C	16.69
Electromotor Specs	15 kW at 1455 RPM
Unloaded Start	✓
On steel base frame	✓
Pressure safety switches	✓
Hp/Lp/Op	
Pressure gauges	✓
Hp/Lp/Op	
Liquid receiver	✓
Liquid receiver ltr.	33
Oil separator	✓
Liquid line filter drier	✓
Sight Glass	✓
Remarks	Our capacity table is based on Manufacturer spec. We would like to know which refrigerant is in your system
Remarks	Pulley EM: 220 mm / Compr: 200 mm



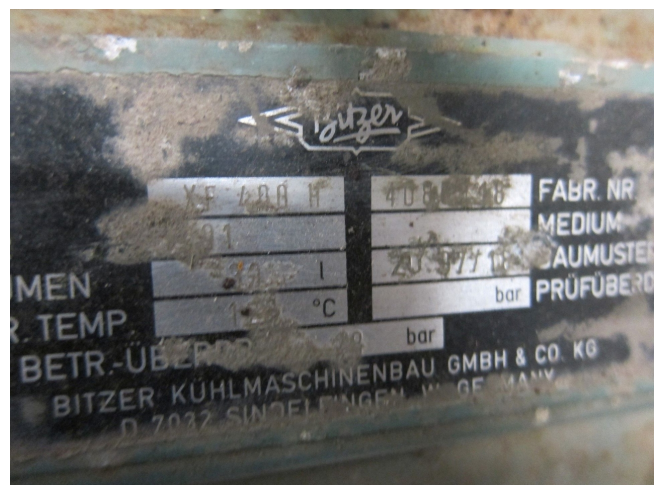
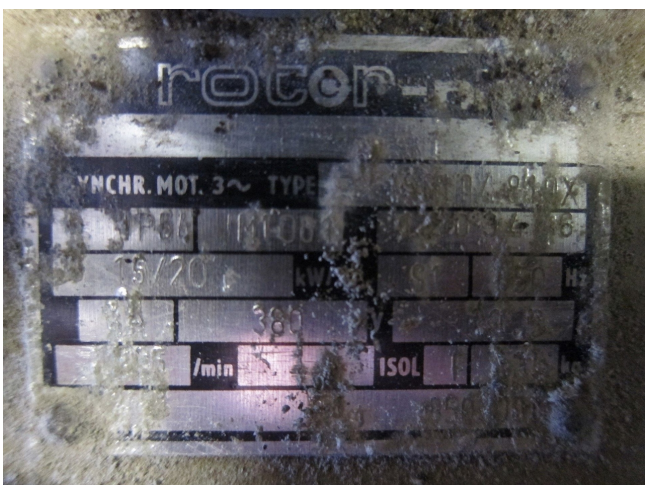
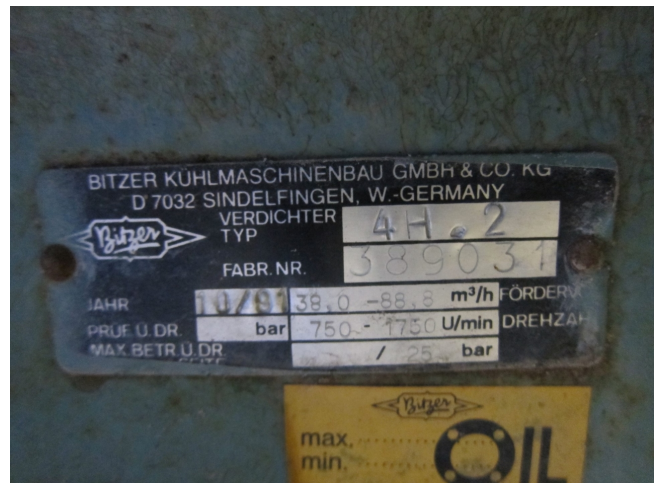
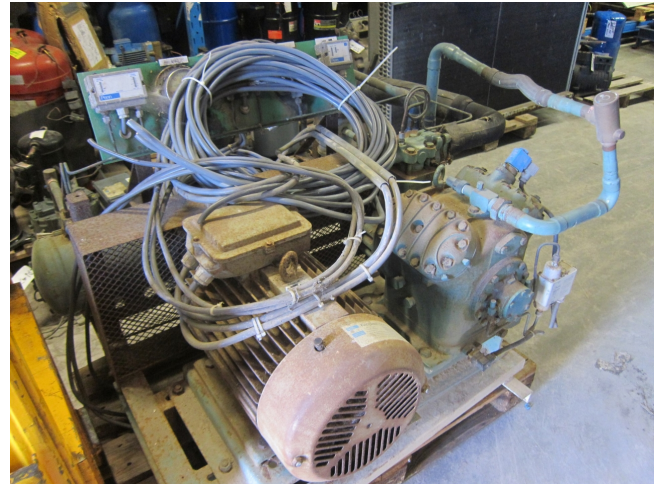
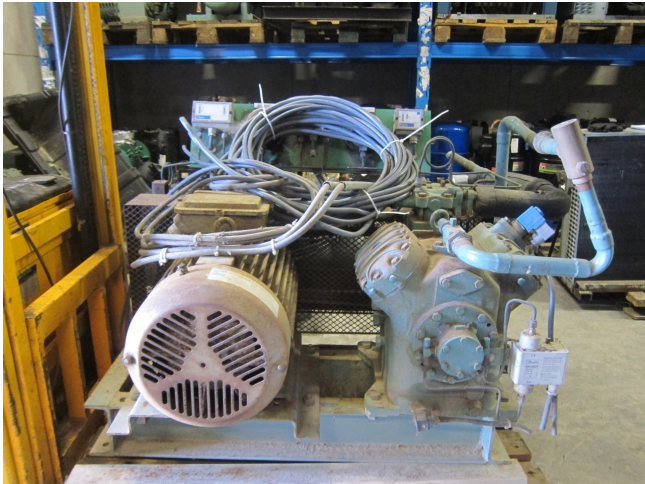
Package / Rack	✓
Sizes	1350x1200x950 mm (LxWxH)
Stock	1

## Description

### Used Bitzer 4H.2 cool/freezer package

Used cool freezer package with a Bitzer 4H.2 Open-Type Reciprocating Compressor and electric motor with 15kW at 1455 RPM. With all consisting components like pressure gauges and safety switches, liquid tank etc. (see pictures) \*Why choose for HOSBV? We are 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 arrange shipment and export documents.





## Result

		Cooling capacity / Cooling capacity* Power input Condenser Capacity		COP [-] COP* [-] m [kg/h] n [l/min]		CORPEER CORPEER* Mass flow Compr. speed			
tc	to	5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C	-30°C
30°C	Q [W]	82602	68315	57790	47805	39179	31756	25402	19997
	Q* [W]	82602	68315	57790	47805	39179	31756	25402	19997
	P [kW]	15.19	14.93	14.39	13.63	12.69	11.61	10.44	9.23
	Qc [W]	97795	84242	72181	61435	51867	43368	35847	29230
	COP [-]	5.44	4.64	4.02	3.51	3.09	2.73	2.43	2.17
	COP* [-]	5.44	4.64	4.02	3.51	3.09	2.73	2.43	2.17
	m [kg/h]	2129	1762	1452	1189	966	778	619	484
40°C	n [l/min]	1450	1450	1450	1450	1450	1450	1450	1450
	Q [W]	71438	58935	48911	41191	33629	27098	21487	16696
	Q* [W]	71438	58935	48911	41191	33629	27098	21487	16696
	P [kW]	17.75	17.13	16.25	15.17	13.92	12.56	11.15	9.73
	Qc [W]	89185	77066	66165	56357	47546	39659	32635	26424
	COP [-]	4.03	3.50	3.07	2.72	2.42	2.16	1.93	1.72
	COP* [-]	4.03	3.50	3.07	2.72	2.42	2.16	1.93	1.72
50°C	m [kg/h]	2082	1719	1413	1153	933	746	587	454
	n [l/min]	1450	1450	1450	1450	1450	1450	1450	1450
	Q [W]	59883	50252	41803	34411	27967	22374	17544	13398
	Q* [W]	59883	50252	41803	34411	27967	22374	17544	13398
	P [kW]	20.4	19.47	18.27	16.88	15.36	13.76	12.13	10.53
	Qc [W]	80303	69722	60077	51296	43327	36130	29671	23927
	COP [-]	2.93	2.58	2.29	2.04	1.82	1.63	1.45	1.27
	COP* [-]	2.93	2.58	2.29	2.04	1.82	1.63	1.45	1.27
	m [kg/h]	2032	1674	1371	1114	896	710	553	419
	n [l/min]	1450	1450	1450	1450	1450	1450	1450	1450

... No calculation possible (see message in single point selection)  
 \*According to EN12900 (20°C suction gas temp., 0K liquid subcooling)

Application Limits Standard