

Bitzer 6H.2 package

Specifications

Brand	Bitzer
Type	6H.2 package
Refrigerant	Freon
kW at 0°C/+40°C	89.98
kW at -10°C/+40°C	61.84
kW at -20°C/+40°C	40.68
kW at -30°C/+40°C	25.06
kW at -40°C/+40°C	13.83
Electromotor Specs	22kW at 1445 RPM
Capacity Control	✓
On steel base frame	✓
Pressure safety switches	✓
Hp/Lp/Op	
Pressure gauges	✓
Hp/Lp/Op	
Remarks	Our capacity table is based on Manufacturer spec. We would like to know which refrigerant is in your system
Stock	1



Description

Used Bitzer 6H.2 package

Used and in good condition, Bitzer open V-belt driven cool/freeze package, consisting of a Bitzer 6H.2 Open-Type Reciprocating Compressor with electromotor with 22kW at 1445 RPM and pressure gauges and safety switches etc (see pictures). *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 arrange shipment and export documents.



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Compressor Selection: Open-Type Reciprocating Compressors

Input Values

Compressor model	6H 2Y-K	Useful superheat	100%
Refrigerant	R404A	Motor speed	1450/min
Reference temperature	Dew point temp.	Drive	Coupling (1:1)
Liq. subc. (in condenser)	0 K	Capacity Control	100%
Suction gas temperature	20.00 °C		

Result

IE	to	Condenser Capacity					
		10°C	0°C	-10°C	-20°C	-30°C	-40°C
30°C	Q [W]	--	104066	71773	47677	30023	17433
	Q* [W]	--	104066	71773	47677	30023	17433
	P [kW]	--	22.4	20.5	17.44	13.86	10.29
	Qc [W]	--	126475	92236	65113	43887	27722
	COP [-]	--	4.64	3.51	2.73	2.17	1.69
	COP* [-]	--	4.64	3.51	2.73	2.17	1.69
	m [kg/h]	--	2645	1765	1168	727	419
	n [1/min]	--	1450	1450	1450	1450	1450
40°C	Q [W]	--	89984	61843	40684	25067	13837
	Q* [W]	--	89984	61843	40684	25067	13837
	P [kW]	--	25.7	22.8	18.86	14.61	10.62
	Qc [W]	--	115704	84612	59545	39675	24459
	COP [-]	--	3.50	2.72	2.16	1.72	1.30
	COP* [-]	--	3.50	2.72	2.16	1.72	1.30
	m [kg/h]	--	2581	1721	1119	681	373
	n [1/min]	--	1450	1450	1450	1450	1450
50°C	Q [W]	--	75446	51664	33591	20115	10307
	Q* [W]	--	75446	51664	33591	20115	10307
	P [kW]	--	29.2	25.3	20.7	15.81	11.49
	Qc [W]	--	104679	77013	54241	35922	21795
	COP [-]	--	2.58	2.04	1.63	1.27	0.90
	COP* [-]	--	2.58	2.04	1.63	1.27	0.90
	m [kg/h]	--	2513	1673	1065	629	319
	n [1/min]	--	1450	1450	1450	1450	1450