

# Bitzer 6H-25.2Y-40P (x4) Cool/freeze installation

#### **Specifications**

Marca	Bitzer
Тіро	6H-25.2Y-40P (x4)
	Cool/freeze installation
Refrigerante	Freon
kW at -5ºC/+40ºC	298.4
kW at -10ºC/+40ºC	246
kW at -20ºC/+40ºC	161.2
kW at -30ºC/+40ºC	98.8
kW at -40ºC/+40ºC	53.6
Piston Descargador	1
Control de capacidad	1
Sober Bancada	1
Presostatos	1
Manometros de Presion	1
Panel de control	1
Package / Rack	1
Stock	1



#### **Description**

#### Used Bitzer 6H-25.2Y-40P (x4) Cool/freeze installation

Used but as good as new: complete Bitzer / Carrier cool / freeze unit build by Linde, consisting of the following main components: 4 cool/freeze Semihermetic Reciprocating Compressors type 6H-25.2Y-40P, electronic oil floaters, oil separator, central suction manifold and switch-board with complete control system. \*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

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can also perform a new paint job and arrange the logistics.















TZER KÜHL	Bits MASC Made in				-25.2 <b>Y</b> -4 090282	
ennspannung 3Ph~	Frequ. Hz	Betr.strom A (max.)	Anlaufstro A (Y)	om  A (YY)	Fördervol. m³/h	Drehzahl min "
			140	100	110,5	1450
380-420	50	45	116	193	110,5	1400

	Butge			Nr. 1670	5.2Y-40 902829	
Nennspannung V 3Ph~ 380-420 440-480	Frequ Hz 50 60	Betr.strom A (max.) 45 45	Anlaufstr A (Y)_ 116 116 Dar	om A (YY) 193 193	Fördervol. m³/h 110,5 133,3	Drehzahi min -: 1450 1750
440-480	1	1	bar			ST.

1	JA.h	on · ·	1	Typ 6H	-25.2Y-4	1
<	TISUS				090205	
TZER KÜHL	MASC	HINENBA	U GMBH			
IZER KUN	Made in	F.C.		H) 188	Fördervol	Drohzahl
		Betristrom	Anlaufstro	orti ·	Fördervol. m <sup>3</sup> /h	min 1
lennspannung	Frequ. Hz	A (max.)	A (Y)	A (YY)		1450
/ 3Ph~ (	-	C. C	116	193	110,5	
		45	1000	193	133,3	1750
380-420	50	45	116			

BITZER KÜHI	LMASC Made in		U GMBH	S.Nr. 167	2814792	2    <b>              </b>
Mennspannung V 3Ph~	Frequ. Hz	Betr.strom A (max.)	Anlaufstr A (Y)	om A (YY)	Fördervol. m <sup>3</sup> /h	Drehzahl
380-420	50	45,0	116	193	110,5	1450
440-480	60	45,0	116	193	133,3	1750
IP 54 ND/HD	max.	9 / 28 ba	r			(6



Selecti	on: Semi-	hermetic	Reciproc	ating Con	npressors	3			
Input Va	alues				•				
Compresso	rmodel		(6H-25.2Y)		Suction das	temperature		20.00 °C	
Mode	model		Refrigeratio		Operating m			Auto	
Refrigerant Reference temperature Liq. subc. (in condenser) <b>Result</b>		conditioning R404A Dew point temp. 0 K		Power supply Capacity control Useful superheat			400V-3-50Hz 100% 100%		
Q [W] Qu* [W] P [KW] I [A] Qc [W]	Eva Pov Cur	king capacity porator capacity ver input rent idenser Capacity			COP [ - ] m [kg/h] Op. th ["C]	Mat	P/EER ss flow erating mode charge gas temp	, w/o cooling	
tc	to	-5°C	-10°C	-15°C	-20°C	-25°C	-30°C	-35°C	-40°C
30°C	Q [W]	87943	72553	59256	47812	38014	29678	22638	16741
	Qu* [W]	87943	72553	59256	47812	38014	29678	22638	16741
	P [kW]	23,5	22,1	20,6	18,83	16,94	14,95	12,89	10,81
	I [A]	39,7	37,6	35,2	32,6	29,8	27,0	24,2	21,5
	Qc [W]	110268	93595	78807	65701	54108	43880	34886	27014
	COP [ - ]	3,74	3,28	2,88	2,54	2,24	1,99	1,76	1,55
	m [kg/h]	2209	1805	1462	1171	926	719	546	403
	Op.	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	th ["C]	70,7	77,4	84,5	92,1	100,2	109,1	119,0	130,1
40°C	Q [W] Qu* [W]	74665 74665	61562 61562	50196 50196	40375	31933 31933	24718 24718	18595	13438 13438
	P [kW]	27.2	25.2	23.0	20.7	18.28	15.83	13.36	10.92
	I [A]	45.5	42.3	38.9	35.4	31.8	28.2	24.8	21.7
	Qc IWI	100512	85490	72046	60026	49299	39753	31286	23811
	COP[-]	2.74	2.44	2.18	1.95	1.75	1.56	1.39	1.23
	m [kg/h]	2114	1723	1392	1111	873	672	503	362
	Op.	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	th ["C]	82,4	89,1	96,3	103,9	112,2	121,2	131,4	0
50°C	Q [W] Qu* [W]	-	50514 50514	41135 41135	32992 32992	25960 25960	19920 19920	14765 14765	10395
	P IKWI		27.8	25.0	22.2	19.31	16.43	13.59	10.83
	1 [A]		46.4	42.1	37.7	33.3	29.0	25.1	21.6
	Qc [W]		76911	64908	54069	44302	35529	27677	20682
	COP [ -1		1.82	1,64	1,49	1.34	1.21	1.09	0.96
	m [kg/h]		1635	1317	1047	818	623	460	322
	Op.		Standard	Standard	Standard	Standard	Standard	Standard	Standard
	th [°C]		101,1	108.3	116.0	124.3	133,5	0	0

Application Limits 100% 6H-25.2