

# Bitzer 4V-10.2

## Specifications

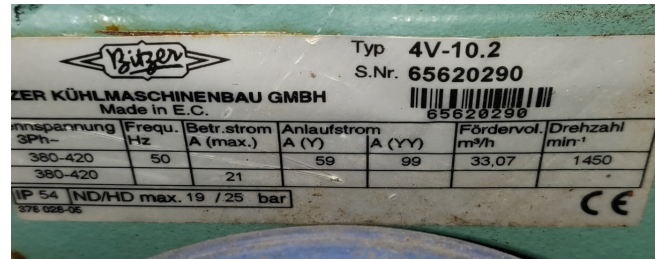
Brand	Bitzer
Type	4V-10.2
Refrigerant	Freon
Refrigerant type	R 404 A or other types
kW at 0°C/+40°C	26.7
kW at -5°C/+40°C	22.1
kW at -10°C/+40°C	18.2
kW at -20°C/+40°C	11.8
kW at -30°C/+40°C	7.0
Unloaded Start	✓
Capacity Control	✓
Pressure safety switches	✓
Hp/Lp/Op	
Oil level system AC&R	✓
Stock	1




## Description

### Used Bitzer 4V-10.2

Used but still in good condition, Bitzer 4V-10.2 semi hermetic Reciprocating compressor. Our capacity table is based on the used type of Freon. You can also use these compressors on alternative types of Freon. For all the other specs (if available), see the picture of the manufacturer model plate or the attached pdf file. \*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 the logistics.



	Bitzer 4V-10.2
BITZER Software v6.4.3 rev1353	29.05.2015 / All data subject to change.
	2 / 4

Compressor Selection: Semi-hermetic Reciprocating Compressors

#### Input Values

Compressor model	(4V-10.2V)	Suction gas temperature	20.00 °C
Mode	Refrigeration and Air conditioning	Operating mode	Auto
Refrigerant	R404A	Power supply	400V-3-50Hz
Reference temperature	Dew point temp.	Capacity Control	100%
Liq. subco. (in condenser)	0 K	Useful superheat	100%

#### Result

	Q [W]	Q* [W]	P [kW]	I [A]	Qc [W]	COP [-]	COP* [-]	m [kg/h]	Op. th [°C]	COPIER	COPIER*	Mass flow	Operating mode	Discharge gas temp. w/o cooling
°C	ts	5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C	-30°C					
30°C	Q [W]	37157	31111	25863	21314	17381	13993	11090	8617					
	Q* [W]	37157	31111	25863	21314	17381	13993	11090	8617					
	P [kW]	7.01	6.76	6.47	6.13	5.75	5.33	4.85	4.31					
	I [A]	12.87	12.52	12.12	11.67	11.16	10.61	10.01	9.38					
	Qc [W]	44166	37867	32329	27447	23135	19320	15937	12928					
	COP [-]	5.30	4.60	4.00	3.48	3.02	2.63	2.29	2.00					
	COP* [-]	5.30	4.60	4.00	3.48	3.02	2.63	2.29	2.00					
	m [kg/h]	958	791	650	530	429	343	279	209					
	Op. th [°C]	56.6	62.3	68.4	75.1	82.3	90.3	99.1	108.7					
40°C	Q [W]	20020	26764	22188	18212	14768	11800	9255	7088					
	Q* [W]	20020	26764	22188	18212	14768	11800	9255	7088					
	P [kW]	8.19	7.84	7.42	6.93	6.39	5.79	5.15	4.46					
	I [A]	14.56	14.05	13.45	12.76	12.01	11.21	10.38	9.55					
	Qc [W]	40206	34601	29604	25143	21155	17590	14401	11550					
	COP [-]	3.91	3.42	2.99	2.63	2.31	2.04	1.80	1.59					
	COP* [-]	3.91	3.42	2.99	2.63	2.31	2.04	1.80	1.59					
	m [kg/h]	933	768	628	510	410	325	253	192.7					
	Op. th [°C]	66.5	72.6	79.0	85.9	93.3	101.4	110.2	119.9					
50°C	Q [W]	26339	21986	18176	14852	11965	9470	7329	5503					
	Q* [W]	26339	21986	18176	14852	11965	9470	7329	5503					
	P [kW]	9.47	8.97	8.36	7.69	6.95	6.18	5.39	4.60					
	I [A]	16.45	15.70	14.82	13.83	12.79	11.73	10.69	9.72					
	Qc [W]	35814	30951	26539	22538	18918	15653	12720	10103					
	COP [-]	2.78	2.45	2.17	1.93	1.72	1.53	1.36	1.20					