

Mbsm.pro, Compressor, 4ec-6.2-4os,
6HP, Bitzer Piston Compressor,
4ces-6, Refrigeration Compressor ,
4ec-6.2/4ees-6, Cold Room. R22, R404

Category: compressor

written by www.mbsm.pro | 29 January 2022



Typ 4EC-6.2-40S
S.Nr. 1679004388



ER KÜHLMASCHINENBAU GMBH
Made in E.C.

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Anspannung		Frequ.	Max. Betr. strom		Anlaufstrom		Fördervol.	Drehzahl	
Δ 3Ph~ V Y 3Ph~		Hz	A(Δ)	A(Y)	A(Δ)	A(Y)	m³/h	min	
20-240	380-420	50	22,9	13,2	107,7	62,2	22,7	1450	
235-290	440-480	60	22,9	13,2	107,7	62,2	27,4	1750	
IP 65		ND/HD max		19 / 28 bar					



The Bitzer Compressor is high quality!

Power: 4.5KW

Power: 380V/440V-50HZ/60HZ

Cylinder diameter (mm): 46

Stroke (mm): 39.3

Number of cylinders: 4

Exhaust volume: 22.72m³/h

Foot mounting size: 293mmx198mm

Dimensions (mm): length 432 width 309 height 352

Suction pipe inner diameter (mm): 28

Exhaust pipe inner diameter (mm): 16

Oil charge (liter): 2

Suitable for refrigerant: R134a R404A R507A R407C We can also provide the following models

GYD80137VAYB232

GYD80154VAYR4

GUD80421VAYB3

GYD80295VAYB532

GUD60154VBB432

GUU80421VLB532

GYU60137VLYR4-2

GYD80182VLYR3-1

GMD80235VBB4-2

GYD60182VAR5

GUD60137VAB4

GTU80421VLR3

GYD80235VBYB6-1

GUD80421VWYR6-2

GTD80385VBR3-2

GMD80295VLB4

GUD80295VBB6

GUD60385VAYB3-2

GED60154VLYB532

GUD60182VAYB532

GED80154VAR332

GUD60421VAYR4-2

GED80182VBYB3-1

GYD60295VBYR5-1

GMD80295VLYR432

GTD60154VBYR632

GMD80120VAYB432

GED80120VLYR3-2

4PES-12Y-40S

GED80385VAYB232

GMD80120VBYB332

GMU60120VLYR6

GED80154VAYB632

GTD60182VLB2

GUD80182VAYR532

GMD60235VBB3-2

GYD60137VLYB3-1
GMD80421VAR4-1
GYD80137VAR5
GTD60182VAB2-1
GUD80385VWYB3
GSD80485VWR5-1
GMD80385VWYR4
GMD60154VAB232
GUD60421VAYB6
GSD60182VBYR432
GED60182VWR6-1
GSD60235VLR4-2
GTD80385VBYR3-2
GSD60235VAYR4-2
GTD80295VAR5-1
GTD80137VBYB3
GYU60120VLYB4
GYD80295VLYB4
GSD80182VAR232
GYD80154VLB6-2
GMD80182VBB5
GED80182VAYB632
GED80120VWYR4
GYD80385VBR2-1
GSU60235VLYR632
GED60182VLYB5-2
4HTE-15K
GMD60120VAYB2-2
GED60120VWB4-1
GED80421VAB4-1
GSD80137VBYR3
GED60154VAYB232
GUD80421VAB532
GUD60154VBR6-2
GTD60137VAB3
GYD60421VLYR3-2



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Note: Working conditions for vaporizing temperature at -50°C , condensing temperature at 50°C , and used by R22 refrigerant.

Technical Data of Bitzer Air-cooled units

Technical Data of Bitzer Air-cooled units

Technical Data of Bitzer Air-cooled units

Air-cooled medium & High Temperature Units		Compressor model	Overall size(mm)	Installation size				Mounting Aperture
Condensing Unit model	Capacity (kW)			Side A	Side C	Side F	Side E	
UH34/20C3-2PH	20	2HE-2.2	380	380	380	380	380	Φ133
UH34/26C3-2PH	26	3HE-2.2	380	380	380	380	380	Φ133
UH44/27C1-2PH	27	3HC-2.2	380	380	380	380	380	Φ133
UH44/37C1-2PH	37	3HE-3.0	380	380	380	380	380	Φ133
UH44/57C4-2PH	57	3LC-4.2	380	380	380	380	380	Φ133
UH44/67C5-2PH	67	3HE-4.2	380	380	380	380	380	Φ133
UH44/87C5-2PH	87	3HE-6.0	380	380	380	380	380	Φ133
UH44/107C1-2PH	107	3HC-7.2	1130	1130	1130	1130	1130	Φ133
UH44-1/40C3-2PH	40	3HE-6.0	1130	1130	1130	1130	1130	Φ133
UH104-2/40C510-2PH	104	3HE-10.2	1130	1130	1130	1130	1130	Φ133
UH114/40C51-2PH	114	3HC-12.2	1130	1130	1130	1130	1130	Φ133
UH135-1/40C51-2PH	135	3HE-15.2	1400	1400	1400	1400	1400	Φ133
UH135-2/40C50-0PH	135	3HE-20.2	1400	1400	1400	1400	1400	Φ133
UH135-3/40C5-2PH	135	3HE-25.2	1400	1400	1400	1550	1400	Φ133
UH240/60C3-2PH	240	3HE-30.2	1600	1600	1600	1600	1600	Φ133
UH300/60C5-2PH	300	3HE-35.2	1840	1840	1840	1840	1840	Φ133
UH350/65C4-2PH	350	3HE-40.2	1900	1900	1900	2200	1900	Φ133
UH100/80C5-2PH	100	3HE-50.2	2100	2100	2100	2250	2100	Φ133

Technical Data of Bitzer Air-cooled units
Technical Data of Air-cooled medium & low Temperature Unit

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Technical Data of Bitzer Air-cooled units

Installation size of Air-cooled medium & Low Temperature Unit		Overall dimension		Installation dimension				Mounting Aperture
Air conditioning unit model	Compressor model	Unit size (mm)	Unit size (mm)	Unit size (mm)	Unit size (mm)	Unit size (mm)		
MS32FC2-2PH	SPC-2.2	600	650	500	500	500	Φ113	
MS32FC4-2PH	SPC-2.2	600	650	500	500	500	Φ113	
MS32FC6-2PH	SPC-3.2	600	650	500	500	500	Φ113	
MS34FC2-2PH	SPC-1.2	600	650	500	500	500	Φ113	
MS34FC4-2PH	SPC-2.2	600	650	500	500	500	Φ113	
MS34FC6-2PH	SPC-3.2	600	650	500	500	500	Φ113	
MS36FC2-2PH	SPC-6.2	600	760	500	500	500	Φ113	
MS36FC4-2PH	SPC-6.2	600	760	500	500	500	Φ113	
MS38-1/2MS310-2PH	SPC-10.2	1300	760	1000	1000	1000	Φ213	
MS38-1/2MS312-2PH	SPC-12.2	1300	760	1000	1000	1000	Φ213	
MS14-0MS12-2PH	MS12-2	1400	760	1000	1000	1000	Φ213	
MS135-1/2MS20-2PH	MS20-2	1400	760	1000	1000	1000	Φ213	
MS135-1/2MS22-2PH	MS22-2	1400	760	1000	1000	1000	Φ213	
MS135-1/2MS25-2PH	MS25-2	1400	760	1000	1000	1000	Φ213	
MS240-6MS20-2PH	MS20-2	1500	760	1000	1000	1000	Φ213	
MS280-78-60-2PH	SPC-2.2	1500	650	1000	1000	1000	Φ213	

Technical Data of Bitzer Water-cooled units

Technical Data of Water-cooled medium & High Temperature Unit						
Unit Type	Compressor Model	Power (kW)	Cooling capacity (kW)	Return air (m)	Liquid supply (m)	
WZC2C3.200	2C3.2	0.48	0.58	0.72	0.12	water pipe
WZC2C4.200	2C4.2	0.31	0.890	0.72	0.16	water supply (m ³ /h)
WZC2C5.200	2C5.2	0.65	1.1250	0.72	0.16	0.5
WZC2C6.200	2C6.2	0.58	1.3890	0.72	0.2	0.3
WZC2C7.200	2C7.2	0.48	1.658	0.72	0.6	0.5
WZC2C8.200	2C8.2	0.54	2.0250	0.72	0.19	0.6
WZC2C9.200	2C9.2	0.51	2.2250	0.72	0.2	0.8
WZC2C10.200	2C10.2	0.49	2.4250	0.72	0.19	0.9
WZC2C11.200	2C11.2	0.49	2.6250	0.72	0.22	1.0
WZC2C12.200	2C12.2	0.49	2.8250	0.72	0.22	1.1
WZC2C13.200	2C13.2	0.49	3.0250	0.72	0.22	1.2
WZC2C14.200	2C14.2	0.49	3.2250	0.72	0.22	1.3
WZC2C15.200	2C15.2	0.49	3.4250	0.72	0.22	1.4
WZC2C16.200	2C16.2	0.49	3.6250	0.72	0.22	1.5
WZC2C17.200	2C17.2	0.49	3.8250	0.72	0.22	1.6
WZC2C18.200	2C18.2	0.49	4.0250	0.72	0.22	1.7
WZC2C19.200	2C19.2	0.49	4.2250	0.72	0.22	1.8
WZC2C20.200	2C20.2	0.49	4.4250	0.72	0.22	1.9
WZC2C21.200	2C21.2	0.49	4.6250	0.72	0.22	2.0
WZC2C22.200	2C22.2	0.49	4.8250	0.72	0.22	2.1
WZC2C23.200	2C23.2	0.49	5.0250	0.72	0.22	2.2
WZC2C24.200	2C24.2	0.49	5.2250	0.72	0.22	2.3
WZC2C25.200	2C25.2	0.49	5.4250	0.72	0.22	2.4
WZC2C26.200	2C26.2	0.49	5.6250	0.72	0.22	2.5
WZC2C27.200	2C27.2	0.49	5.8250	0.72	0.22	2.6
WZC2C28.200	2C28.2	0.49	6.0250	0.72	0.22	2.7
WZC2C29.200	2C29.2	0.49	6.2250	0.72	0.22	2.8
WZC2C30.200	2C30.2	0.49	6.4250	0.72	0.22	2.9
WZC2C31.200	2C31.2	0.49	6.6250	0.72	0.22	3.0
WZC2C32.200	2C32.2	0.49	6.8250	0.72	0.22	3.1
WZC2C33.200	2C33.2	0.49	7.0250	0.72	0.22	3.2
WZC2C34.200	2C34.2	0.49	7.2250	0.72	0.22	3.3
WZC2C35.200	2C35.2	0.49	7.4250	0.72	0.22	3.4
WZC2C36.200	2C36.2	0.49	7.6250	0.72	0.22	3.5
WZC2C37.200	2C37.2	0.49	7.8250	0.72	0.22	3.6
WZC2C38.200	2C38.2	0.49	8.0250	0.72	0.22	3.7
WZC2C39.200	2C39.2	0.49	8.2250	0.72	0.22	3.8
WZC2C40.200	2C40.2	0.49	8.4250	0.72	0.22	3.9
WZC2C41.200	2C41.2	0.49	8.6250	0.72	0.22	4.0
WZC2C42.200	2C42.2	0.49	8.8250	0.72	0.22	4.1
WZC2C43.200	2C43.2	0.49	9.0250	0.72	0.22	4.2
WZC2C44.200	2C44.2	0.49	9.2250	0.72	0.22	4.3
WZC2C45.200	2C45.2	0.49	9.4250	0.72	0.22	4.4
WZC2C46.200	2C46.2	0.49	9.6250	0.72	0.22	4.5
WZC2C47.200	2C47.2	0.49	9.8250	0.72	0.22	4.6
WZC2C48.200	2C48.2	0.49	10.0250	0.72	0.22	4.7

Technical Data of Bitzer Water-cooled units

Installation size of water

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Technical Data of Bitzer Water-cooled units

Unit Model	Compressor Model	Evap. capacity (kW)	Cond. capacity (kW)	Max. gas (kg)	Liquid supply (kg)	Water pump (kg)	Water supply (kg)
2004/22C4.2WH	2SC-3.2	2.6	2508	22	17	1-172	1.5
2005 / 40C4.2WH	2SC-6.2	5.0	4508	22	16	1-172	1.5
2006/40C5.2WH	2SC-5.2	3.4	3830	22	16	1-172	1.5
2008 / 40C6.2WH	2SC-6.2	3.2	4230	22	16	1-172	1.5
2010/40C8.2WH	2SCS-8.2	3.4	4410	22	17	1-172	1.5
2010/40C9.2WH	2SCS-10.2	3.4	4590	22	17	1-172	1.5
2015 / 40C12.2WH	2SCS-12.2	3.7	5160	25	17	1-172	1.5
2016 / 40C15.2WH	2SC-15.2	4.1	5430	25	18	1-172	1.5
2025/40C25.2WH	2C-20.2	7.7	9200	24	18	1-172	1.5
2030/40C32.2WH	2C-25.2	10.8	9700	24	18	1-172	1.5
2035/40C40.2WH	2C-30.2	13.6	9700	24	18	1-172	1.5
2045 / 60C40.2WH	2C-40.2	15.3	9500	24	18	1-172	1.5

Technical Data of Bitzer Water-cooled units

Installation size of Water cooled Medium & Low Temperature Unit							
Unit Model	Compressor Model	Overall Size(mm)	Installation size (mm)			Mounting Aperture	
		Unit A	Unit B	Unit H	Unit E	Unit F	
W004/2C03_200H	REC-3-2	2010	200	200	200	200	Φ10
W005 / 40C4_200H	REC-4-2	2010	200	200	200	200	Φ10
W006/40C5_200H	REC-5-2	2010	200	200	200	200	Φ10
W007 / 60C6_200H	REC-6-2	2010	200	200	200	200	Φ10
W010/40C8_200H	REC-8-2	2120	200	200	200	200	Φ10
W011/40C10_200H	REC-10-2	2120	200	200	200	200	Φ10
W015 / 40C12_200H	REC-12-2	2120	200	200	200	200	Φ10
W020 / 40C15_200H	REC-15-2	2220	200	200	200	200	Φ10
W025/40C18_200H	REC-18-2	2320	200	200	200	200	Φ10
W030/40C20_200H	REC-20-2	2420	200	200	200	200	Φ10
W035/40C22_200H	REC-22-2	2520	200	200	200	200	Φ10
W040/40C24_200H	REC-24-2	2620	200	200	200	200	Φ10
W045/40C26_200H	REC-26-2	2720	200	200	200	200	Φ10
W050/40C28_200H	REC-28-2	2820	200	200	200	200	Φ10
W055/40C30_200H	REC-30-2	2920	200	200	200	200	Φ10

Main Technical Data of Copeland C series semi-hermetic units

Main Technical Data of Air-cooled semi-hermetic unit												
Unit model	Compressor		Cooling capacity (22 (KW)	Power supply	Reservoir (L)	Overall size		Installation size		Take over tube(mm)		
	Model	Power				Side A	Side B	Side A	Side B	Refrigerant	Liquid supply	
RM2E/CA0300M	CA-0300R	Mobile phone	2.2	3PH 380V 50Hz	7.5	202	246	144	188	4	19	10
RM2E/CA0360M	CA-0360R		2.2-2.35		7.5	210	250	150	195	4	19	10
RM34/CA0400M	CA-0400R		3.0-3.04		7.5	210	250	155	195	4	19	12
RM34/CA0500M	CA-0500R		3.7-3.78		10	220	260	155	210	10	25	12
RM35/CA0600M	CA-0600R		3.1-3.162		15	240	280	160	220	12	27	16
RM35/CA0600M	CA-0600R		3.1-3.162		15	240	280	160	220	12	27	16
RM100/CA1500M	CA-1500R		10-10.6		29	320	360	200	270	18	39	26
RM100/CA1500M	CA-1500R		10-12.1		29	320	360	200	270	18	39	26

Main Technical Data of Copeland C series semi-hermetic units

Main Technical Data of water-cooled semi-hermetic units									
Unit model	Compressor		Cooling capacity (KW)	Power supply	Overall size	Installation size	Suction tube (mm)	In and out water pipes	
	Model	Power							
	Mobile phone	10W			Long guide 110mm 110mm 4 side 110mm	110mm	Liquid supply		

				iPh 180V 20Hz	110	100	650	600	2.0	10	10	11	
0003/C0300M4	C-0300	0	1.2		7.35	110	150	720	700	3.0	25	10	12 / 2
0004/C0400M4	C-0400		1.8		7.24	110	200	750	700	4.0	50	10	13 / 2
0005/C0500M4	C-0500	7	2.0		7.08	1000	150	120	150	10	10	15	15 / 2
0008 / C0800M4	C-0800		3.3		7.76	1120	150	100	100	10	10	15	18 / 2
0010/C1000M4	C-1000	10	4.5		8.25	1220	100	100	100	15	18	10	22
0015/C1500M4	C-1500	15	10	8.0									

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