

SPLIT

Semi-hermetic equipment



Tropicalized Condensers



Compact and robust design



Wide range of options



Ready to install

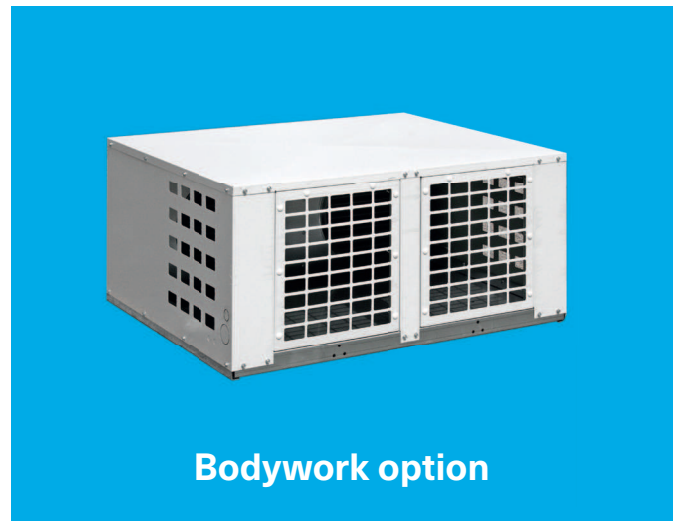
Technical Specifications

- Medium-temperature condensing unit with semi-hermetic BITZER compressor mounted on anti-vibration springs
- Compressor suction and discharge valve, resistor in crankcase
- High Pressure Switch with TUV Automatic Reset and Low Pressure Switch with Automatic Reset
- Oil level optical control in 4VES/4TES/4PES/4NES compressors without pump
- Electronic oil differential pressure switch in compressors with oil pump
- Fluid container with inlet and outlet valves, and with calibrated safety valve depending on refrigerant gas
- Low-temperature condensing unit with semi-hermetic BITZER compressor mounted on anti-vibration springs
- Condenser with external rotor axial fans
- Cubic type or double flow air cooler, with external rotor motors, connected expansion valve, solenoid valve. Separation of fins depending on working temperature
- Control panel, power, compressor control, condenser, air cooler, and defrost, ELIWELL electronics
- Aspiration particle separator
- Discharge start from 25hp
- Pressurized nitrogen charge
- Discharge line with vibration-damper
- Fluid line
- Filter and sight glass



Options

- Fluid line with filter, display, and service valve
- Oil Separator and Suction Separator
- Oil Separator: It includes vibration absorber in discharge line
- Suction Separator: It includes vibration absorber in suction line
- High Pressure Switch Condenser Control: Up to a maximum of 3 units
- Discharged Start: Made up of hoses, solenoid with coil, and check valve
- Full Enclosure Condensing Unit



HIGH TEMPERATURE Model R404A

Model	Compressor		V _{cámara} m ³	Cooling capacity condensing at 45°C (kW)			Air cooler (T ^a Evap -5 / DT8)			
	HP	Type		T _{evap} = 0°C	T _{evap} = -5°C	T _{evap} = -10°C	Fin spacing 4mm		Fin spacing 6mm	
			Model				N x Ø	Model	N x Ø	
SH4-100A	3	2CES-3Y	45	12,37	10,05	8,07	EC107A	2x350	EC113B	2x400
SH4-101A	3	4FES-3Y	55	13,52	10,91	8,71	EC107A	2x350	EC113B	2x400
SH4-139A	4	4EES-4Y	70	17,18	13,87	11,08	EC139A	2x400	EC135B	3x350
SH4-166A	5,5	4DES-5Y	85	20,51	16,57	13,23	EC190A	4x350	EC170B	3x400
SH4-200A	4,5	4CES-6Y	75	24,92	20,09	16	EC210A	3x400	EC226B	4x400
SH4-201A	7,5	4VES-7Y	150	26,07	20,86	16,46	EC210A	3x400	EC226B	4x400
SH4-254A	10	4TES-9Y	240	31,59	25,36	20,09	EC280A	4x400	LC271B	2x500
SH4-290A	12	4PES-12Y	280	36,32	29	22,83	EC280A	4x400	LC271B	2x500
SH4-355A	15	4NES-14Y	370	43,07	35,54	27,35	LC421A	2x500	LC407B	3x500
SH4-397A	15	4JE-15Y	380	49	39,66	31,7	LC421A	2x500	LC407B	3x500
SH4-463A	20	4HE-18Y	400	57,1	46,32	37,14	LC520A	3x500	LC494B	3x500
SH4-536A	25	4GE-23Y	530	65,85	53,55	43,07	LC631A	3x500	LC542B	4x500

LOW TEMPERATURE Model R404A

Model	Compressor		V _{cámara} m ³	Cooling capacity condensing at 45°C (kW)			Air cooler (T ^a Evap -25 / DT7)	
	HP	Type		T _{evap} = -25°C	T _{evap} = -30°C	T _{evap} = -35°C	Fin spacing 9mm	
			Model				N x Ø	
SH4-038B	3	2CES-3Y	22	3,83	2,86	2,07	EC57CE	2x350
SH4-041B	3	4FES-3Y	30	4,11	3,1	2,28	EC66CE	2x350
SH4-052B	4	4EES-4Y	45	5,21	3,92	2,88	EC75CE	2x350
SH4-062B	5,5	4DES-5Y	55	6,22	4,68	3,44	EC85CE	3x350
SH4-074B	4,5	4CES-6Y	50	7,43	5,55	4,04	EC115CE	3x350
SH4-091B	10	4TES-9Y	145	9,1	6,71	4,8	EC140CE	3x400
SH4-100B	12	4PES-12Y	200	10,03	7,27	5,07	EC140CE	3x400
SH4-124B	15	4NES-14Y	340	12,35	9,1	6,48	EC187CE	4x400
SH4-148B	15	4JE-15Y	360	14,8	11,02	7,93	LC238CE	2x500
SH4-176B	20	4HE-18Y	475	17,62	13,24	9,66	LC289CE	2x500
SH4-207B	25	4GE-23Y	600	20,77	15,76	11,65	LC289CE	2x500
SH4-221B	25	6JE-25Y	600	22,05	16,45	11,88	LC357CE	3x500
SH4-249B	30	4FE-28Y	750	24,85	18,88	13,92	LC357CE	3x500
SH4-259B	30	6HE-28Y	750	25,93	19,5	14,24	LC357CE	3x500
SH4-313B	35	6GE-34Y	820	31,31	23,96	17,9	LC433CE	3x500
SH4-373B	45	6FE-44Y	850	37,27	23,31	20,88	LC578CE	4x500

HIGH TEMPERATURE Model R134A

Model	Compressor		V _{cámara} m ³	Cooling capacity condensing at 45°C (kW)			Air cooler (T ^a Evap -5 / DT8)			
	HP	Type		T _{evap} = 0°C	T _{evap} = -5°C	T _{evap} = -10°C	Fin spacing 4mm		Fin spacing 6mm	
			Model				N x Ø	Model	N x Ø	
SH1-080	3	2CES-3Y	35	7,92	6,26	4,92	EC64A	2x350	EC70B	2x350
SH1-084	3	4FES-3Y	45	8,35	6,51	5,04	EC64A	2x350	EC70B	2x350
SH1-108	4	4EES-4Y	60	10,78	8,54	6,74	EC107A	2x350	EC113B	2x400
SH1-127	5,5	4DES-5Y	75	12,7	9,96	7,77	EC107A	2x350	EC113B	2x400
SH1-157	4,5	4CES-6Y	65	15,66	12,33	9,67	EC139A	2x400	EC135B	3x350
SH1-166	7,5	4VES-7Y	120	16,63	12,97	10,06	EC139A	2x400	EC135B	3x350
SH1-201	10	4TES-9Y	210	20,13	15,76	12,29	EC210A	3x400	EC180B	4x350
SH1-223	12	4PES-12Y	240	22,97	17,86	13,8	EC210A	3x400	EC180B	4x350
SH1-272	15	4NES-14Y	360	27,15	21,2	16,5	EC280A	4x400	LC271B	2x500
SH1-309	15	4JE-15Y	370	30,87	24,4	19,2	EC280A	4x400	LC271B	2x500
SH1-365	20	4HE-18Y	390	36,49	29	22,87	LC347A	2x500	LC329B	2x500
SH1-411	25	4GE-23Y	500	41,06	32,5	25,55	LC347A	2x500	LC329B	2x500
SH1-455	25	6JE-25Y	520	45,5	35,8	28,05	LC421A	2x500	LC407B	3x500
SH1-503	30	4FE-28Y	630	50,31	40	31,79	LC421A	2x500	LC407B	3x500
SH1-538	30	6HE-28Y	650	53,76	42,5	33,46	LC520A	3x500	LC494B	3x500
SH1-616	35	6GE-34Y	650	61,6	48,9	38,64	LC520A	3x500	LC494B	3x500
SH1-743	45	6FE-44Y	680	74,31	59	46,8	LC631A	3x500	LC658B	4x500



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