



The latest series of compact condensing units **BASICLine MP** approved for low temperature applications. Designed for 43°C ambient temperature.

Who are we?



Condensing units **BASICLine MP** are dedicated to low-temperature applications, especially for the food, retail, and HoReCa sectors. **BASICLine MP** units are designed for low noise level, and easy installation.



BASICLine MP
Compact low-temperature condensing units

Features:

- Plug&Play units
- Hermetic rotary (AVIC) / scroll (Panasonic) compressor, optimized for freezing applications
- Automatic liquid injection
- Start unload for models with AVIC (1-phase rotary compressor)
- Wide working envelope for refrigerants R448A/R449A

Technical data of BASICLine MP units

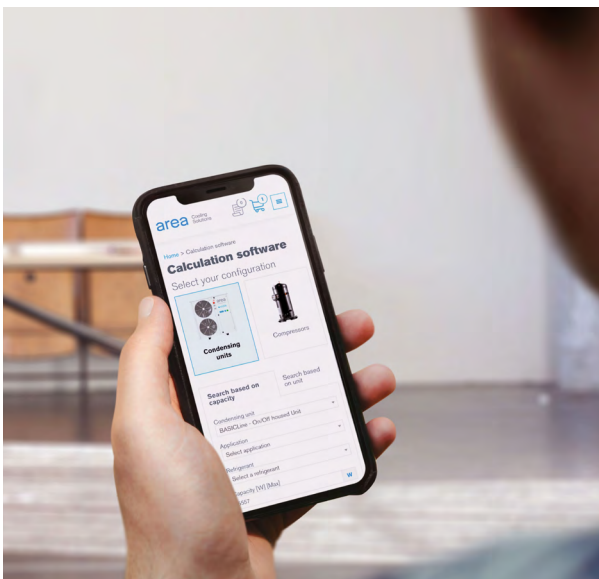
Model		BASICLine	BASICLine	BASICLine	BASICLine	BASICLine	BASICLine	BASICLine	BASICLine	BASICLine
		A13B02 MP	A16B02 MP	A19B02 MP	A22B02 MP	A32B02 MP	A46B02 MP	P66B02 MP	P83B02 MP	P96B02 MP
Dimensions	Length [mm]	905	905	905	905	1100	1100	1100	1100	1100
	Height [mm]	605	605	605	605	805	805	805	805	805
	Width [mm]	350	350	350	350	450	450	450	450	450
Gross weight [kg]		60	65	70	70	100	100	120	120	120
Noise level @ 10m [dBa]		42	42	42	42	36	36	36	36	36
Connections	Suction [inch]	3/8	1/2	1/2	1/2	3/4	3/4	7/8	7/8	7/8
	Liquid [inch]	1/4	1/4	1/4	1/4	3/8	3/8	3/8	3/8	3/8
Liquid receiver [dm ³]		3.3	3.3	3.3	3.3	6.2	6.2	6.2	6.2	6.2
Power supply	Voltage	220-240 /1/50	220-240 /1/50	220-240 /1/50	220-240 /1/50	220-240 /1/50	220-240 /1/50	380-415 /3/50	380-415 /3/50	380-415 /3/50

Standard equipment

- AVIC/Panasonic compressor.
- Liquid injection / start unload (1-phase models)
- HP/LP pressure switches.
- Condenser tropic, with fan speed controller
- Liquid receiver, liquid line.
- Suction liquid accumulator.
- Shut-off valves, service valves.

Standard electrical equipment

- Short-circuit and overload protections
- Protection of the compressor rest time
- Control of the presence and direction of the 3-phase connection (in 3-phase models)
- Control of the solenoid valve for liquid injection
- Expansion valve opening signal
- Pressure equalization control (1-phase models)



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Performance data for BASICLine MP units

Model	T _{ev} [°C]	-33		-30		-25		-20		-15		-10	
	T _{amb} [°C]	Qo[kW]	P[kW]	Qo[kW]	P[kW]	Qo[kW]	P[kW]	Qo[kW]	P[kW]	Qo[kW]	P[kW]	Qo[kW]	P[kW]
BASICLine A13B02MP	32	0.56	0.68	0.63	0.69	0.79	0.72	0.98	0.74	1.2	0.76	1.45	0.79
	38	0.52	0.73	0.6	0.74	0.76	0.77	0.94	0.8	1.16	0.83	1.42	0.85
	43	0.5	0.77	0.58	0.79	0.73	0.82	0.92	0.85	1.13	0.88	1.38	0.92
BASICLine A16B02 MP	32	0.63	0.74	0.72	0.75	0.9	0.78	1.11	0.81	1.36	0.84	1.65	0.87
	38	0.59	0.79	0.68	0.81	0.86	0.84	1.07	0.87	1.32	0.91	1.61	0.94
	43	0.57	0.85	0.66	0.87	0.83	0.9	1.04	0.93	1.29	0.97	1.57	1.01
BASICLine A19B02 MP	32	0.8	0.88	0.91	0.91	1.13	0.94	1.4	0.98	1.7	1.02	2.05	1.06
	38	0.77	0.95	0.88	0.98	1.1	1.02	1.36	1.06	1.66	1.1	2	1.15
	43	0.75	1.02	0.85	1.05	1.07	1.09	1.32	1.14	1.61	1.18	1.94	1.24
BASICLine A22B02 MP	32	0.9	1.1	1.03	1.13	1.29	1.18	1.6	1.23	1.96	1.28	2.38	1.34
	38	0.86	1.19	0.98	1.22	1.24	1.28	1.54	1.34	1.9	1.4	2.3	1.47
	43	0.82	1.28	0.95	1.31	1.19	1.37	1.49	1.44	1.83	1.5	2.22	1.58
BASICLine A32B02 MP	32	1.29	1.65	1.48	1.7	1.85	1.77	2.29	1.84	2.81	1.92	3.4	2
	38	1.23	1.79	1.41	1.83	1.78	1.92	2.22	2	2.73	2.09	3.31	2.18
	43	1.19	1.91	1.37	1.97	1.72	2.05	2.15	2.14	2.65	2.24	3.21	2.34
BASICLine A46B02 MP	32	1.85	2.22	2.12	2.29	2.64	2.41	3.28	2.53	4.01	2.66	4.85	2.81
	38	1.76	2.42	2.03	2.49	2.55	2.62	3.16	2.76	3.87	2.91	4.68	3.08
	43	1.7	2.6	1.95	2.68	2.45	2.82	3.03	2.97	3.71	3.13	4.47	3.3
BASICLine P67B02 MP	32	2.44	2.69	2.81	2.76	3.56	2.88	4.47	3.03	5.52	3.18	6.68	3.35
	38	2.25	3.08	2.58	3.15	3.27	3.27	4.1	3.42	5.05	3.58	6.12	3.75
	43	2.09	3.45	2.41	3.52	3.04	3.65	3.81	3.79	4.69	3.95	5.68	4.12
BASICLine P83B02 MP	32	2.97	3.45	3.41	3.54	4.3	3.72	5.37	3.93	6.58	4.16	7.93	4.41
	38	2.73	3.96	3.14	4.06	3.96	4.24	4.94	4.45	6.06	4.69	7.29	4.94
	43	2.54	4.46	2.93	4.56	3.69	4.75	4.61	4.96	5.65	5.19	6.8	5.44
BASICLine P96B02 MP	32	3.32	3.75	3.8	3.86	4.76	4.06	5.89	4.3	7.16	4.56	8.53	4.83
	38	3.06	4.31	3.5	4.42	4.38	4.64	5.4	4.87	6.55	5.13	7.79	5.41
	43	2.85	4.86	3.26	4.97	4.07	5.19	5.02	5.42	6.07	5.68	-	-

Values for: R448A, superheating=10K, subcooling=0K
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Innovation, sustainability and **service** are at the heart of everything we do.

AREA condensing units are designed to provide **innovative and environmentally friendly solutions** for customers in the food, retail and HoReCa sectors.

