

Airmasters Panel/ Cabinet Cooler

Panel Cooler or Cabinet Panel Cooler or Cabinet Cooler or Air Conditioner provide a low-cost method of both purging and cooling electrical and electronic control panels by using a stainless -steel **vortex tube** to create cold air from ordinary compressed air. There are virtually no moving parts. These units are compact and can be installed in minutes through a standard electrical knockout. These units are ideal for panels of different ratings.

Working

Filtered, compressed air enters the **panel cooler** through the **vortex tube** component. The air is split into two streams, one hot and one cold. The muffled hot air from the vortex tube is expelled through the top of the **panel cooler**. The cold air is directed into the enclosure through the cold air distribution hose. Hot air inside the enclosure rises and exits to atmosphere via the air exhaust at a slight positive pressure. The enclosure is both purged and cooled with clean air. No outside air enters the enclosure.

Advantages

- Low in cost
- Compact
- No CFC's
- Fast installation
- Stabilize enclosure temperature and humidity
- Virtually maintenance free (No Moving Parts)
- Mounts in a standard electrical knockout
- Stops heat damage and nuisance tripping
- Eliminates fans and filters
- Prevents dirt contamination by keeping enclosure at positive pressure
- Units applicable to all environments including high temperature to 200°F

Panel Cooler Selection

Selecting the right **Panel Cooler or Cabinet Panel Cooler or Cabinet Cooler or Air Conditioner** for your panel is very important, since the wrong model can waste lot of air and not be effective. To understand which model is suitable for your panel or application, a calculation for air consumption in CFM for your panel is required to be done. For this calculation, the size of the panel and heat generated inside the panel is to be known. According to this information, the appropriate model can be selected.

Panel Cooler are available with or without thermostat control. When constant cooling and a constant positive purge is required, we recommend the continuous operating version without the thermostat and **solenoid valve**. The cooling effect can be controlled by adding a regulator in line to reduce pressure for reduced cooling when it is not required and to conserve energy.

Systems utilizing a **thermostat** and **solenoid valve** save air by activating the **Panel Cooler** only when the internal temperature reaches a critical level. The adjustable thermostat is factory set at 28°C but can be readjusted on site. Thermostat and **solenoid valve** systems are recommended where the heat load can fluctuate (such as for frequency drives) and where a continual purge is not required. The thermostat and solenoid “package” can also be added at a later date to a continuous system.

Model Selection

Type	Model	Air Consumption (SCFM)	Capacity Watt (BTU/hr)	Sound level (dB(A))
IP 54	AIR-CC2-IP54	2	42 (145)	75
IP 54	AIR-CC4-IP54	4	85 (290)	75
IP 54	AIR-CC8-IP54	8	170 (580)	75
IP 54	AIR-CC10-IP54	10	214 (730)	78
IP 54	AIR-CC15-IP54	15	322 (1100)	78
IP 54	AIR-CC25-IP54	25	527 (1800)	78
IP 54	AIR-CC30-IP54	30	615 (2100)	78
IP 54	AIR-CC40-IP54	40	849 (2900)	78
IP 54	AIR-CC50-IP54	50	1054 (3600)	81
IP 54	AIR-CC60-IP54	60	1230 (4200)	81
IP 54	AIR-CC70-IP54	70	1462 (5000)	81
IP 54	AIR-CC80-IP54	80	1698 (5800)	81
IP 54	AIR-CC110-316L-IP54	10	214 (730)	75
IP 54	AIR-CC115-316L-IP54	15	322 (1100)	75
IP 54	AIR-CC125-316L-IP54	25	527 (1800)	78
IP 54	AIR-CC130-316L-IP54	30	615 (2100)	78
IP 54	AIR-CC140-316L-IP54	40	829(2900)	78
IP14	AIR-CC4-IP14	4	85 (290)	75
IP14	AIR-CC8-IP14	8	170 (580)	75
IP14	AIR-CC10-IP14	10	214 (730)	75
IP14	AIR-CC15-IP14	15	322 (1100)	75
IP14	AIR-CC25-IP14	25	527 (1800)	78
IP14	AIR-CC30-IP14	30	615 (2100)	78
IP14	AIR-CC40-IP14	40	849 (2900)	78
IP66	AIR-CC104-IP66	4	85 (290)	75
IP66	AIR-CC108-IP66	8	170 (580)	75
IP66	AIR-CC110-IP66	10	214 (730)	75
IP66	AIR-CC115-IP66	15	322 (1100)	75
IP66	AIR-CC125-IP66	25	527 (1800)	78
IP66	AIR-CC130-IP66	30	615 (2100)	78
IP66	AIR-CC140-IP66	40	849 (2900)	78
IP66	AIR-CC110-316L-IP66	10	85 (290)	75
IP66	AIR-CC115-316L-IP66	15	170 (580)	75
IP66	AIR-CC115-316L-IP66	25	322 (1100)	78
IP66	AIR-CC130-316L-IP66	30	527 (1800)	78

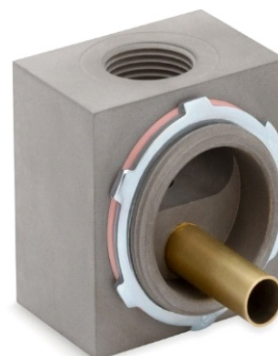
Applications of Panel Coolers

- Panel Cooling
- CNC System Cooling
- Set hot melt adhesives
- Cool welding horns on ultrasonic
- Cool moulded plastics
- Cool Electronic components
- Cool heat shrinks tubing
- Keep electronics free of condensation
- Programmable controllers
- System control cabinets
- Motor control centres
- Relay panels
- Environments where cooler panels are near Personnel
- Laser Housing Cooling



Accessories

- 1) Filter
- 2) Generator
- 3) Cold End Muffler
- 4) Hot End Muffler
- 5) Side Mount
- 6) Distribution Kit
- 7) Thermo stat



CABINET PANEL COOLER AIR-CC2-IP54



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC2	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

145 Btu/h

Cooling capacities [Kcal/h]

37 Kcal/h

Cooling capacities [Watts]

42 Watt

Air consumption [l/min]

57 l/min

Sound level [dB(A)]

75 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

161 mm x Ø 19 mm

Connection type

1/8" Male

IP Grade

IP54

Warranty

10 years

www.air-masters.eu info@air-masters.eu Tel. +44 8006893125

CABINET PANEL COOLER AIR-CC4-IP54



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Order Codes

Model AIR-CC4	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	290 Btu/h
Cooling capacities [Kcal/h]	73 Kcal/h
Cooling capacities [Watts]	85 Watt
Air consumption [l/min]	113 l/min
Sound level [dB(A)]	75 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	161 mm x Ø 19 mm
Connection type	1/8" Male
IP Grade	IP54
Warranty	10 years

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CABINET PANEL COOLER AIR-CC8-IP54



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Order Codes

Model AIR-CC8	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	580 Btu/h
Cooling capacities [Kcal/h]	146 Kcal/h
Cooling capacities [Watts]	170 Watt
Air consumption [l/min]	227 l/min
Sound level [dB(A)]	75 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	161 mm x Ø 19 mm
Connection type	1/8" Male
IP Grade	IP54
Warranty	10 years

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CABINET PANEL COOLER AIR-CC10-IP54

Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Coolers are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.



Order Codes

Model AIR-CC10	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

730 Btu/h

Cooling capacities [Kcal/h]

184 Kcal/h

Cooling capacities [Watts]

214 Watt

Air consumption [l/min]

283 l/min

Sound level [dB(A)]

78 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" Male

IP Grade

IP54

Warranty

10 years

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CABINET PANEL COOLER AIR-CC15-IP54

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Order Codes

Model AIR-CC15	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	1100 Btu/h
Cooling capacities [Kcal/h]	277 Kcal/h
Cooling capacities [Watts]	322 Watt
Air consumption [l/min]	425 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male
IP Grade	IP54
Warranty	10 years

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CABINET PANEL COOLER AIR-CC25-IP54

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Order Codes

Model AIR-CC25	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	1800 Btu/h
Cooling capacities [Kcal/h]	453 Kcal/h
Cooling capacities [Watts]	527 Watt
Air consumption [l/min]	708 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male
IP Grade	IP54
Warranty	10 years

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CABINET PANEL COOLER AIR-CC30-IP54

Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.



Order Codes

Model AIR-CC30	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	2100 Btu/h
Cooling capacities [Kcal/h]	529 Kcal/h
Cooling capacities [Watts]	615 Watt
Air consumption [l/min]	850 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male
IP Grade	IP54
Warranty	10 years

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CABINET PANEL COOLER AIR-CC40-IP54

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Order Codes

Model AIR-CC40	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	2900 Btu/h
Cooling capacities [Kcal/h]	730 Kcal/h
Cooling capacities [Watts]	849 Watt
Air consumption [l/min]	1133 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male
IP Grade	IP54
Warranty	10 years

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CABINET PANEL COOLER AIR-CC50-IP54

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Order Codes

Model AIR-CC50	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

3600 Btu/h

Cooling capacities [Kcal/h]

906 Kcal/h

Cooling capacities [Watts]

1054 Watt

Air consumption [l/min]

1416 l/min

Sound level [dB(A)]

81 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" x 2 Male

IP Grade

IP54

Warranty

10 years

CABINET PANEL COOLER AIR-CC60-IP54



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Order Codes

Model AIR-CC60	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

4200 Btu/h

Cooling capacities [Kcal/h]

1058 Kcal/h

Cooling capacities [Watts]

1230 Watt

Air consumption [l/min]

1700 l/min

Sound level [dB(A)]

81 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" x 2 Male

IP Grade

IP54

Warranty

10 years

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CABINET PANEL COOLER AIR-CC70-IP54



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Order Codes

Model AIR-CC70		
	IP 54	304
	IP 14	316L
	IP 66	

Cooling capacities [Btu/h]

5000 Btu/h

Cooling capacities [Kcal/h]

1259 Kcal/h

Cooling capacities [Watts]

1462 Watt

Air consumption [l/min]

1983 l/min

Sound level [dB(A)]

81 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" x 2 Male

IP Grade

IP54

Warranty

10 years

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CABINET PANEL COOLER AIR-CC80-IP54

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Order Codes

Model AIR-CC80	<input type="text"/>	<input type="text"/>
	IP 54	304
	IP 14	316L
	IP 66	

Cooling capacities [Btu/h]

5800 Btu/h

Cooling capacities [Kcal/h]

1460 Kcal/h

Cooling capacities [Watts]

1698 Watt

Air consumption [l/min]

2266 l/min

Sound level [dB(A)]

81 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" x 2 Male

IP Grade

IP54

Warranty

10 years

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CABINET PANEL COOLER AIR-CC4-IP14



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Order Codes

Model AIR-CC4		
	IP 54	304
	IP 14	316L
	IP 66	

Cooling capacities [Btu/h]

290 Btu/h

Cooling capacities [Kcal/h]

73 Kcal/h

Cooling capacities [Watts]

85 Watt

Air consumption [l/min]

113 l/min

Sound level [dB(A)]

75 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

161 mm x Ø 19 mm

Connection type

1/8" Male

IP Grade

IP14

Warranty

10 years

www.air-masters.eu info@air-masters.eu Tel. +44 8006893125

CABINET PANEL COOLER AIR-CC8-IP14



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC8	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	580 Btu/h
Cooling capacities [Kcal/h]	146 Kcal/h
Cooling capacities [Watts]	170 Watt
Air consumption [l/min]	227 l/min
Sound level [dB(A)]	75 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	161 mm x Ø 19 mm
Connection type	1/8" Male
IP Grade	IP14
Warranty	10 years

www.air-masters.eu info@air-masters.eu Tel. +44 8006893125

CABINET PANEL COOLER AIR-CC10-IP14



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC10	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	730 Btu/h
Cooling capacities [Kcal/h]	184 Kcal/h
Cooling capacities [Watts]	214 Watt
Air consumption [l/min]	283 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male
IP Grade	IP14
Warranty	10 years

www.air-masters.eu info@air-masters.eu Tel. +44 8006893125

CABINET PANEL COOLER AIR-CC15-IP14



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC15	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	1100 Btu/h
Cooling capacities [Kcal/h]	277 Kcal/h
Cooling capacities [Watts]	322 Watt
Air consumption [l/min]	425 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" years
IP Grade	IP14
Warranty	10 anni

CABINET PANEL COOLER AIR-CC25-IP14



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC25	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	1800 Btu/h
Cooling capacities [Kcal/h]	453 Kcal/h
Cooling capacities [Watts]	527 Watt
Air consumption [l/min]	708 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male
IP Grade	IP14
Warranty	10 years

CABINET PANEL COOLER AIR-CC30-IP14



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC30	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	2100 Btu/h
Cooling capacities [Kcal/h]	529 Kcal/h
Cooling capacities [Watts]	615 Watt
Air consumption [l/min]	850 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male
IP Grade	IP14
Warranty	10 years

CABINET PANEL COOLER AIR-CC40-IP14



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC40	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

2900 Btu/h

Cooling capacities [Kcal/h]

730 Kcal/h

Cooling capacities [Watts]

849 Watt

Air consumption [l/min]

1133 l/min

Sound level [dB(A)]

78 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" Male

IP Grade

IP14

Warranty

10 years

CABINET PANEL COOLER AIR-CC104-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC104	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

290 Btu/h

Cooling capacities [Kcal/h]

73 Kcal/h

Cooling capacities [Watts]

85 Watt

Air consumption [l/min]

113 l/min

Sound level [dB(A)]

75 dB(A)

Material

Stainless steel, stainless steel 316L

Material Generator

Brass

Dimensions

161 mm x Ø 19 mm

Connection type

1/8" Male

IP Grade

IP66

Warranty

10 years

CABINET PANEL COOLER AIR-CC108-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC108	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

580 Btu/h

Cooling capacities [Kcal/h]

146 Kcal/h

Cooling capacities [Watts]

170 Watt

Air consumption [l/min]

227 l/min

Sound level [dB(A)]

75 dB(A)

Material

Stainless steel, stainless steel 316L

Material Generator

Brass

Dimensions

161 mm x Ø 19 mm

Connection type

1/8" Male

IP Grade

IP66

Warranty

10 years

www.air-masters.eu info@air-masters.eu Tel. +44 8006893125

CABINET PANEL COOLER AIR-CC110-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC110	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

730 Btu/h

Cooling capacities [Kcal/h]

184 Kcal/h

Cooling capacities [Watts]

214 Watt

Air consumption [l/min]

283 l/min

Sound level [dB(A)]

78 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" Male

IP Grade

IP66

Warranty

10 years

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CABINET PANEL COOLER AIR-CC115-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC115	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

1100 Btu/h

Cooling capacities [Kcal/h]

277 Kcal/h

Cooling capacities [Watts]

322 Watt

Air consumption [l/min]

425 l/min

Sound level [dB(A)]

78 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" Male BSP

IP Grade

IP66

Warranty

10 years

CABINET PANEL COOLER AIR-CC125-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC125	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

1800 Btu/h

Cooling capacities [Kcal/h]

453 Kcal/h

Cooling capacities [Watts]

527 Watt

Air consumption [l/min]

708 l/min

Sound level [dB(A)]

78 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" Male BSP

IP Grade

IP66

Warranty

10 years

CABINET PANEL COOLER AIR-CC130-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC130	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

2100 Btu/h

Cooling capacities [Kcal/h]

529 Kcal/h

Cooling capacities [Watts]

615 Watt

Air consumption [l/min]

850 l/min

Sound level [dB(A)]

78 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" Male BSP

IP Grade

IP66

Warranty

10 years

www.air-masters.eu info@air-masters.eu Tel. +44 8006893125

CABINET PANEL COOLER AIR-CC140-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC140	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]

2900 Btu/h

Cooling capacities [Kcal/h]

730 Kcal/h

Cooling capacities [Watts]

849 Watt

Air consumption [l/min]

1133 l/min

Sound level [dB(A)]

78 dB(A)

Material

Stainless Steel

Material Generator

Brass

Dimensions

206.3 mm x Ø 28.44 mm

Connection type

1/4" Male BSP

IP Grade

IP66

Warranty

10 years

www.air-masters.eu info@air-masters.eu Tel. +44 8006893125

CABINET PANEL COOLER AIR-CC110-316L-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC110	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	730 Btu/h
Cooling capacities [Kcal/h]	184 Kcal/h
Cooling capacities [Watts]	214 Watt
Air consumption [l/min]	283 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel 316L
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male
IP Grade	IP66
Warranty	10 years

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CABINET PANEL COOLER AIR-CC115-316L-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of the our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC115	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	1100 Btu/h
Cooling capacities [Kcal/h]	277 Kcal/h
Cooling capacities [Watts]	322 Watt
Air consumption [l/min]	425 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel 316L
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male BSP
IP Grade	IP66
Warranty	10 years

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CABINET PANEL COOLER AIR-CC125-316L-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC125	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	1800 Btu/h
Cooling capacities [Kcal/h]	453 Kcal/h
Cooling capacities [Watts]	527 Watt
Air consumption [l/min]	708 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel 316L
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male BSP
IP Grade	IP66
Warranty	10 years

www.air-masters.eu info@air-masters.eu Tel. +44 8006893125

CABINET PANEL COOLER AIR-CC130-316L-IP66



Our Cabinet Cooler system for electronic control panels provide a low cost method of both purging and cooling electrical and electronic control panels by using a stainless steel vortex tube to create cold air from ordinary compressed air. Unlike many of our competitors all of our Cabinet Cooler Cabinet Panel Coolers are stainless steel, not just the vortex tube for longer life and flexible use. Cabinet Cooler are compact and can be installed in minutes through a hole in the enclosure. There are virtually no moving parts. Ideal for all IP54, IP14 and IP66. Cabinet Cooler NEMA Type 4-4X-316L (IP-66) For Electronic Control Panels – all external exposed surfaces are of 316L, ideal for pharmaceutical industry and extreme corrosive environments where 303/304 stainless steel is not adequate. As with the NEMA Type 4-4x units, splash resistant, for use in wash down environments as well as outdoor use and 316L Stainless steel has pharmaceutical grade, food service and extreme corrosive environments. Stainless steel also provides for long life in wet environments and for outdoor use. The Cabinet Cooler is normally mounted on the top of the enclosure but if space does not permit, you can use our Side Mount Kit. Using a thermostat and solenoid valve will help to control the air consumption.

Order Codes

Model AIR-CC130	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	2100 Btu/h
Cooling capacities [Kcal/h]	529 Kcal/h
Cooling capacities [Watts]	615 Watt
Air consumption [l/min]	850 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel 316L
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male
IP Grade	IP66
Warranty	10 years

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CABINET PANEL COOLER AIR-CC140-316L-IP66



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Order Codes

Model AIR-CC140	<input type="text"/>	—	<input type="text"/>
	IP 54		304
	IP 14		316L
	IP 66		

Cooling capacities [Btu/h]	2900 Btu/h
Cooling capacities [Kcal/h]	730 Kcal/h
Cooling capacities [Watts]	849 Watt
Air consumption [l/min]	1133 l/min
Sound level [dB(A)]	78 dB(A)
Material	Stainless Steel 316L
Material Generator	Brass
Dimensions	206.3 mm x Ø 28.44 mm
Connection type	1/4" Male BSP
IP Grade	IP66
Warranty	10 years

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