

# Cabinet Cooler® Systems

## NEMA 12 (IP54) Cabinet Cooler Systems

	120V Thermostat Control Model #	ETC 120V Thermostat Control Model #	ETC 240V Thermostat Control Model #	High Temp Thermostat Control Model #	Non-Hazardous Purge Thermostat Control Model #	Capacity* Btu/Hr	Watts	Sound level dBA
NEMA 12 (IP54) (Dust, Oil Resistant)	4304	4304-ETC120	4304-ETC240	N/A	NHP4304	275	80	59**
	4308	4308-ETC120	4308-ETC240	N/A	NHP4308	550	162	67**
	4315	4315-ETC120	4315-ETC240	HT4315	NHP4315	1,000	293	73**
	4325	4325-ETC120	4325-ETC240	HT4325	NHP4325	1,700	498	74**
	4330	4330-ETC120	4330-ETC240	HT4330	NHP4330	2,000	586	74**
	4340	4340-ETC120	4340-ETC240	HT4340	NHP4340	2,800	821	78**
	4350	4350-ETC120	4350-ETC240	HT4350	NHP4350	3,400	997	75**
	4360	4360-ETC120	4360-ETC240	HT4360	NHP4360	4,000	1,171	77**
	4370	4370-ETC120	4370-ETC240	HT4370	NHP4370	4,800	1,406	77**
	4380	4380-ETC120	4380-ETC240	HT4380	NHP4380	5,600	1,641	79**

	Cabinet Cooler Only Model #	Continuous Operation Model #	High Temp Continuous Operation Model #	Capacity* Btu/Hr	Watts	Sound level dBA
NEMA 12 (IP54) (Dust, Oil Resistant)	4004	4204	N/A	275	80	59**
	4008	4208	N/A	550	162	67**
	4015	4215	HT4215	1,000	293	73**
	4025	4225	HT4225	1,700	498	74**
	4030	4230	HT4230	2,000	586	74**
	4040	4240	HT4240	2,800	821	78**
	N/A	4250	HT4250	3,400	997	75**
	N/A	4260	HT4260	4,000	1,171	77**
	N/A	4270	HT4270	4,800	1,406	77**
	N/A	4280	HT4280	5,600	1,641	79**

\*Cooling capacity at 100 PSIG (6.9 BAR) supply pressure. \*\*With optional cold muffler installed.

**NEMA 12 (IP54)** Cabinet Cooler systems are dust and oil tight. They are ideal for general industrial environments where no liquids or corrosives are present.

**Thermostat control** systems (Models 4304-4380) are the most efficient cabinet cooler system because it will turn itself on and off as needed to cool your enclosure. Includes cooler, solenoid valve, thermostat, filter separator and cold air distribution kit. Models are available in 120VAC, 240VAC and 24VDC.

**Continuous operation** systems (Models 4204-4280) include the cooler, a filter separator and cold air distribution kit.

**ETC Thermostat control** systems provide on the fly temperature adjustment and display internal temperature in real time.

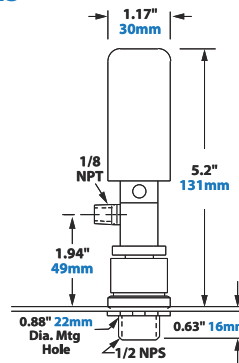
**High Temperature** Cabinet Cooler systems should be used when ambient temperatures reach 125°F to 200°F (52°C to 93°C).

**Non-Hazardous Purge (NHP)** models provide a continuous positive purge within the enclosure to prevent contaminants from entering. They are suited for extremely dirty and dusty environments.

**Dual** Cabinet Cooler systems (Models (##50-##80) provide for additional cooling.

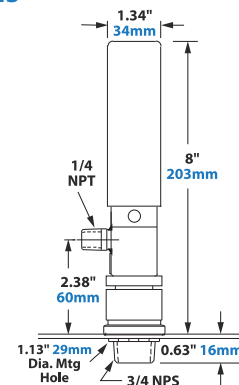
### Dimensions

Model #'s NEMA 12 (IP54)
4004
4008
4204
4208
4304
4308



### Dimensions

Model #'s NEMA 12 (IP54)
4015
4025
4030
4040
4215
4225
4230
4240
4315
4325
4330
4340



## NEMA 4 (IP66) Cabinet Cooler Systems

	120V Thermostat Control Model#	ETC 120V Thermostat Control Model#	ETC 240V Thermostat Control Model#	High Temp Thermostat Control Model#	Non-Hazardous Purge Thermostat Control Model#	Capacity*		Sound level dBA
						Btu/Hr	Watts	
NEMA 4 (IP66) (Splash Resistant)	4804	4804-ETC120	4804-ETC240	N/A	NHP4804	275	80	59**
	4808	4808-ETC120	4808-ETC240	N/A	NHP4808	550	162	67**
	4815	4815-ETC120	4815-ETC240	HT4815	NHP4815	1,000	293	73
	4825	4825-ETC120	4825-ETC240	HT4825	NHP4825	1,700	498	80
	4830	4830-ETC120	4830-ETC240	HT4830	NHP4830	2,000	586	80
	4840	4840-ETC120	4840-ETC240	HT4840	NHP4840	2,800	821	82
	4850	4850-ETC120	4850-ETC240	HT4850	NHP4850	3,400	997	84
	4860	4860-ETC120	4860-ETC240	HT4860	NHP4860	4,000	1,171	84
	4870	4870-ETC120	4870-ETC240	HT4870	NHP4870	4,800	1,406	84
	4880	4880-ETC120	4880-ETC240	HT4880	NHP4880	5,600	1,641	85

	Cabinet Cooler Only Model#	Continuous Operation Model#	High Temp Continuous Operation Model#	Capacity*		Sound level dBA
				Btu/Hr	Watts	
NEMA 4 (IP66) (Splash Resistant)	4604	4704	N/A	275	80	59**
	4608	4708	N/A	550	162	67**
	4615	4715	HT4715	1,000	293	73
	4625	4725	HT4725	1,700	498	80
	4630	4730	HT4730	2,000	586	80
	4640	4740	HT4740	2,800	821	82
	N/A	4750	HT4750	3,400	997	84
	N/A	4760	HT4760	4,000	1,171	84
	N/A	4770	HT4770	4,800	1,406	84
	N/A	4780	HT4780	5,600	1,641	85

\*Cooling capacity at 100 PSIG (6.9 BAR) supply pressure. \*\*With optional cold muffler installed.

**NEMA 4 (IP66)** Cabinet Cooler systems are dust and oil tight, splash resistant and indoor/outdoor capable. By incorporating a low pressure valve for all air exhaust, the valve closes and seals when not operating to maintain NEMA 4 enclosure integrity.

**Thermostat control** systems (Models 4804-4880) are the most efficient system because it will turn itself on and off as needed to cool your enclosure. Includes cooler, solenoid valve and thermostat, filter separator and cold air distribution kit. Models are available in 120VAC, 240VAC and 24VDC.

**Continuous operation** systems (Models 4704-4780) include the cooler, a filter separator and cold air distribution kit.

**ETC Thermostat control** systems provide on the fly temperature adjustment and display internal temperature in real time.

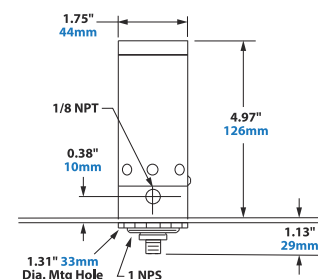
**High Temperature** Cabinet Cooler systems should be used when ambient temperatures reach 125°F to 200°F (52°C to 93°C).

**Non-Hazardous Purge (NHP)** models provide a continuous positive purge within the enclosure to prevent contaminants from entering. They are suited for extremely dirty and dusty environments.

**Dual** Cabinet Cooler systems (Models ##50-##80) provide for additional cooling.

## Dimensions

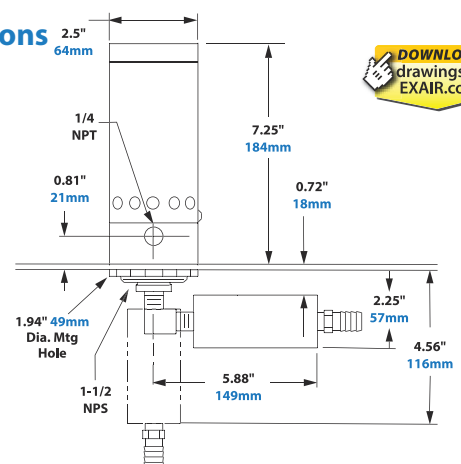
Model #'s NEMA 4 (IP66)
4604
4608
4704
4708
4804
4808



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## Dimensions

Model #'s NEMA 4 (IP66)
4615
4625
4630
4640
4715
4725
4730
4740
4815
4825
4830
4840



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# Cabinet Cooler® Systems

## NEMA 4X (IP66) Cabinet Cooler Systems

	120V Thermostat Control Model#	ETC 120V Thermostat Control Model#	ETC 240V Thermostat Control Model#	High Temp Thermostat Control Model#	Non-Hazardous Purge Thermostat Control Model#	Capacity* Btu/Hr	Watts	Sound level dBA
NEMA 4X (IP66) (CorrosionRe- sistant)	4804SS	4804SS-ETC120	4804SS-ETC240	N/A	NHP4804SS	275	80	59**
	4808SS	4808SS-ETC120	4808SS-ETC240	N/A	NHP4808SS	550	162	67**
	4815SS	4815SS-ETC120	4815SS-ETC240	HT4815SS	NHP4815SS	1,000	293	73
	4825SS	4825SS-ETC120	4825SS-ETC240	HT4825SS	NHP4825SS	1,700	498	80
	4830SS	4830SS-ETC120	4830SS-ETC240	HT4830SS	NHP4830SS	2,000	586	80
	4840SS	4840SS-ETC120	4840SS-ETC240	HT4840SS	NHP4840SS	2,800	821	82
	4850SS	4850SS-ETC120	4850SS-ETC240	HT4850SS	NHP4850SS	3,400	997	84
	4860SS	4860SS-ETC120	4860SS-ETC240	HT4860SS	NHP4860SS	4,000	1,171	84
	4870SS	4870SS-ETC120	4870SS-ETC240	HT4870SS	NHP4870SS	4,800	1,406	84
	4880SS	4880SS-ETC120	4880SS-ETC240	HT4880SS	NHP4880SS	5,600	1,641	85

	Cabinet Cooler Only Model#	Continuous Operation Model#	High Temp Continuous Operation Model#	Capacity* Btu/Hr	Watts	Sound level dBA
NEMA 4X (IP66) (Corrosion Resistant)	4604SS	4704SS	N/A	275	80	59**
	4608SS	4708SS	N/A	550	162	67**
	4615SS	4715SS	HT4715SS	1,000	293	73
	4625SS	4725SS	HT4725SS	1,700	498	80
	4630SS	4730SS	HT4730SS	2,000	586	80
	4640SS	4740SS	HT4740SS	2,800	821	82
	N/A	4750SS	HT4750SS	3,400	997	84
	N/A	4760SS	HT4760SS	4,000	1,171	84
	N/A	4770SS	HT4770SS	4,800	1,406	84
	N/A	4780SS	HT4780SS	5,600	1,641	85

\*Cooling capacity at 100 PSIG (6.9 BAR) supply pressure. \*\*With optional cold muffler installed.

**NEMA 4X (IP66)** Cabinet Cooler systems are made from 303 stainless steel, dust and oil tight, splash resistant, indoor/outdoor capable and corrosion resistant. By incorporating a low pressure valve for all air exhaust, the valve closes and seals when not operating to maintain NEMA 4X enclosure integrity.

**Thermostat control** systems (Models 4804SS-4880SS) are the most efficient system because it will turn itself on and off as needed to cool your enclosure. Includes cooler, solenoid valve and thermostat, filter separator and cold air distribution kit. Models are available in 120VAC, 240VAC and 24VDC.

**Continuous operation** systems (Models 4704SS-4780SS) include the cooler, a filter separator and cold air distribution kit.

**ETC Thermostat control** systems provide on the fly temperature adjustment and display internal temperature in real time.

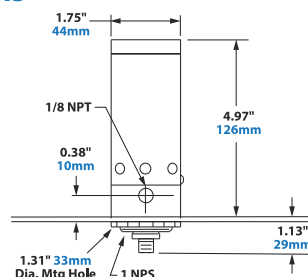
**High Temperature** Cabinet Cooler systems should be used when ambient temperatures reach 125°F to 200°F (52°C to 93°C).

**Non-Hazardous Purge (NHP)** models provide a continuous positive purge within the enclosure to prevent contaminants from entering. They are suited for extremely dirty and dusty environments.

**Dual** Cabinet Cooler systems (Models (##50SS-##80SS) provide for additional cooling.

### Dimensions

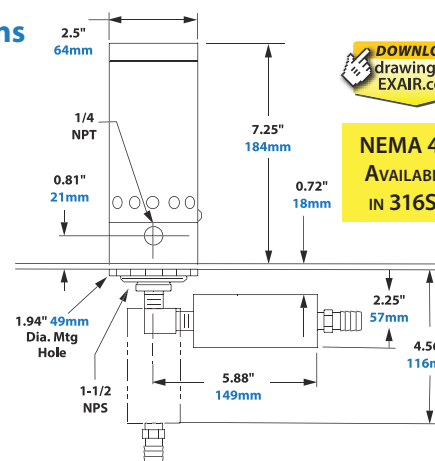
Model #'s NEMA 4X (IP66)
4604SS
4608SS
4704SS
4708SS
4804SS
4808SS



**NEMA 4X  
AVAILABLE  
IN 316SS**

### Dimensions

Model #'s NEMA 4X (IP66)
4615SS
4625SS
4630SS
4640SS
4715SS
4725SS
4730SS
4740SS
4815SS
4825SS
4830SS
4840SS



**NEMA 4X  
AVAILABLE  
IN 316SS**



Accessories and Components			
Model #	Description	Model #	Description
4902	Cold Muffler only	9044	Valve and Thermostat Kit, 240V, 50/60 Hz
4904	Cold Air Distribution Kit (For all Cabinet Coolers 650 Btu/hr. and higher)	9016	NEMA 4-4X Valve and Thermostat Kit, 120V, 50/60 Hz
4905	Cold Air Distribution Kit (For Cabinet Coolers up to 550 Btu/hr.)	9045	NEMA 4-4X Valve and Thermostat Kit, 240V, 50/60 Hz
9004	Automatic Drain Filter Separator, 1/4 NPT, 43 SCFM (1,359 SLPM)	9017	Thermostat Only, 24V-240V, 50/60Hz
9027	Oil Removal Filter (For Cabinet Coolers with 550 Btu/hr. output), 1/4 NPT, 7-24 SCFM (198-680 SLPM)	9018	NEMA 4-4X Solenoid Valve Only, 120V, 50/60 Hz, 1/4 NPT, 40 SCFM (1,133 SLPM)
9005	Oil Removal Filter (For all Cabinet Coolers except 550 Btu/hr. output), 3/8 NPT, 15-37 SCFM (425-1,048 SLPM)	9024	NEMA 4-4X Solenoid Valve Only, 240V, 50/60 Hz, 1/4 NPT, 40 SCFM (1,133 SLPM)
9006	Oil Removal Filter, 3/4 NPT, 50-150 SCFM (1,416-4,248 SLPM)	9020	Solenoid Valve Only, 120V, 50/60 Hz, 1/4 NPT, 40 SCFM (1,133 SLPM)
9008	Pressure Regulator with Gauge, 1/4 NPT, 50 SCFM (1,416 SLPM)	9021	Solenoid Valve Only, 200-240V, 50/60 Hz, 1/4 NPT, 40 SCFM (1,133 SLPM)
9238	ETC - Electronic Temperature Control, 120V, 50/60 Hz, 1/4 NPT	9031	NEMA 4-4X Solenoid Valve Only, 24VDC, 1/4 NPT, 40 SCFM (1,133 SLPM)
9239	ETC - Electronic Temperature Control, 240V, 50/60 Hz, 1/4 NPT	9034	NEMA 4-4X Solenoid Valve Only, 120V, 50/60 Hz, 1/2 NPT, 100 SCFM (2,832 SLPM)
9258	ETC - Electronic Temperature Control, 120V, 50/60 Hz, 1/2 NPT	9058	NEMA 4-4X Solenoid Valve Only, 24VDC, 1/2 NPT, 100 SCFM (2,832 SLPM)
9259	ETC - Electronic Temperature Control, 240V, 50/60 Hz, 1/2 NPT		
9015	Valve and Thermostat Kit, 120V, 50/60 Hz		

**EXAIR's Side Mount Kits for NEMA 12, 4 and 4X Cabinet Coolers offer convenient mounting to the side of an electrical enclosure.**



## Side Mount Kits

EXAIR's Side Mount Kits make mounting on the side of an electrical enclosure possible when there is limited space on the top or side. (NEMA 4 and 4X Cabinet Cooler Systems must be mounted vertically.) The Side Mount Kits maintain the NEMA rating of large and small NEMA Type 12, 4 and 4X enclosures. They mount in a standard electrical knockout (1-1/2 NPS). Side Mount Kits for NEMA 12 Cabinet Cooler Systems have an aluminum construction. Those for NEMA 4 and 4X Cabinet Cooler Systems are Type 303 or Type 316 stainless steel.

Accessories and Components	
Model #	Description
4909	Side Mount Kit for NEMA 12 Cabinet Coolers up to 550 Btu/hr. (162 Watts)
4910	Side Mount Kit for NEMA 12 Cabinet Coolers, 650 Btu/hr. (192 Watts) and higher
4906	Side Mount Kit for NEMA 4 and 4X Cabinet Coolers up to 550 Btu/hr. (162 Watts)
4907	Side Mount Kit for NEMA 4 and 4X Cabinet Coolers, 650 Btu/hr. (192 Watts) and higher
4906-316	Type 316 Stainless Steel Side Mount Kit for NEMA 4 and 4X Cabinet Coolers, up to 550 Btu/hr. (162 Watts)
4907-316	Type 316 Stainless Steel Side Mount Kit for NEMA 4 and 4X Cabinet Coolers, 650 Btu/hr. (192 Watts) and higher

90 Degree Side Mount Kit Dimensions							
Model		A	B	C	D	E	F
4906	in	2.50	2.50	1.50	3.50	3.03	1 NPS
	mm	64	64	38	89	77	
4907	in	2.50	2.50	1.50	3.50	3.03	1-1/2 NPS
	mm	64	64	38	89	77	
4909	in	2.50	2.50	1.50	2.19	1.73	1/2 NPS
	mm	64	64	38	56	44	
4910	in	2.50	2.50	1.50	2.19	1.73	3/4 NPS
	mm	64	64	38	56	44	

## Side Mount Kit Dimensions

