

Harsh Environment/Type 4, 4X

1600-8500 BTU/Hr. (469-2490 Watts)

ProAir™
The Ultimate Line



CR23



CR29



CR43

Features

- Constructed of high-grade 16-gauge type 304 stainless steel for increased protection in corrosive and outdoor applications.
- The Harsh Environment Package can be ordered separately or together to provide optimum defense against especially harsh conditions. The Package protects components exposed to the corrosive environment on the ambient side of the air conditioner. The Package includes low temperature controls for operating down to -40°F.
- The ProAir™ Series combines state-of-the-art design with pleasing aesthetics. This highly efficient series offers a broad range of sizes and performance capacities.
- For more sophisticated requirements we offer Levels II and III Smart Control. This microprocessor-based option provides programmable temperature management, digital display of enclosure temperature, as well as remote alarm capabilities. (See page B.48)
- Maintenance is made easy by front cover hinging open for quick access to all components.
- The Flip Filter design on the CR23 and CR29 uses only 50% of the filter surface so filter can be inverted to double operating time between cleanings/replacements.
- EZ Mount flanges simplify installation to a two-step, one-person job.
- Filterless operation possible in many applications.
- Unique condensate management system evaporates moisture from enclosure and eliminates drain tubes, buckets and wet floors.
- High performance fans and blowers are ideal for densely packed enclosures.
- 100% functionally tested.
- Mounting hardware, gaskets, drawings, mounting template and instruction manual furnished.
- All units use a CFC-free or environmentally safe refrigerant.




TYPE 12 TYPE 4
US TYPE 3R RoHS

Most models available with UL/cUL listing. (UL File SA6453)
 CE available upon request. Please contact the factory.
 UL TYPE 12 approval on all stock models. UL 50 TYPE 4X optional.

Other Units To Consider

- CR23 Stainless Steel: CR23, pg. B.3; Genesis™ M17, pg. B.7
 CR29 Stainless Steel: CR29, pg. B.3; Genesis™ M28, pg. B.11
 CR43 Stainless Steel: CR43, pg. B.3

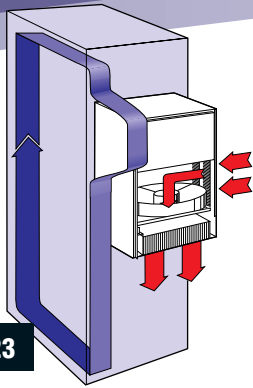
Option Packages (see pgs. B.47)

	CR23	CR29	CR43
Smart Control Package		✓	✓
Thermostat Package	✓	✓	✓
Thermostat/Malfunction Package	✓	✓	✓
Special Voltage Package	✓	✓	✓
Outdoor Package*	✓	✓	✓
Harsh Environment Package*	✓	✓	✓
Heater Package	✓	✓	✓
TYPE 4X Package	✓	✓	✓

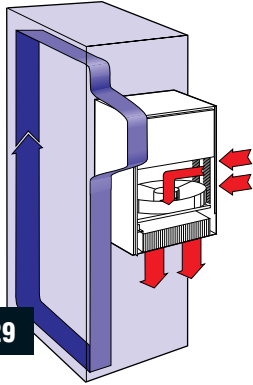
* Must be ordered separately to achieve desired protection.

McLean Thermal Closed-loop Cooling

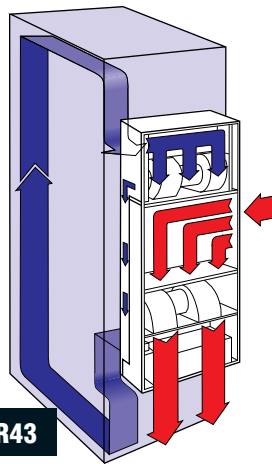
Within the air conditioner, the recirculated clean enclosure air is kept separate from the ambient airflow system. This protects the electronic controls and prevents shutdowns caused by heat, humidity, dust and other contaminants.



CR23



CR29



CR43

- Ambient air flow
- Clean air flow

ProAir™ Stainless Steel CR23 1600 BTU/Hr. (469 Watts)
H x W x D: 23" (584) x 10" (254) x 8.75" (222)

Model	Voltage	Hz	Phase	BTU/Hr @		Amps @		Max Amb Temp °F/°C	Shipping Weight Lbs/Kgs
				131°F/131°F*	95°F/95°F*	131°F/131°F	95°F/95°F		
CR23-0216-GOST	115	50/60	1	1400/1600	4.1/4.5	1500/1700	3.8/3.6	131/55	57/26
CR23-0226-GOST	230	50/60	1	1400/1600	2.2/2.2	1500/1700	2.1/1.8	131/55	57/26
CR23-0246-G401	400/460	50/60	1	1400/1600	1.2/1.2	1500/1700	1.2/1.0	131/55	67/30
CR23-0246-GXST	400/460	50/60	1	1400/1600	1.2/1.2	1500/1700	1.2/1.0	131/55	67/30

-OST will be replaced with a two-digit number designating all desired options. Consult the factory for specific model numbers.
* Two cooling capacities are listed to demonstrate the consistent performance throughout the typical operating range.

ProAir™ Stainless Steel CR29 2000-4000 BTU/Hr. (586-1172 Watts)
H x W x D: 29.50" (749) x 15.75" (400) x 8.63" (219)

Model	Voltage	Hz	Phase	BTU/Hr @		Amps @		Max Amb Temp °F/°C	Shipping Weight Lbs/Kgs
				131°F/131°F*	95°F/95°F*	131°F/131°F	95°F/95°F		
CR29-0216-GOST	115	50/60	1	2000/2200	7.4/7.4	1700/2000	7.0/6.0	131/55	98/44
CR29-0226-GOST	230	50/60	1	2500/2700	4.6/3.9	1900/2300	4.4/3.3	131/55	98/44
CR29-0246-G401	400/460	50/60	1	2500/2700	2.5/1.1	1900/2300	3.7/3.7	131/55	108/79
CR29-0246-GXST	400/460	50/60	1	2500/2700	2.5/1.1	1900/2300	3.7/3.7	131/55	108/79
CR29-0416-GOST	115	50/60	1	3500/4000	13.5/13.5	2400/2800	10.7/9.6	131/55	118/54
CR29-0426-GOST	230	50/60	1	3500/4000	6.7/6.6	2400/2800	5.9/5.3	131/55	118/54
CR29-0446-G401	400/460	50/60	1	3500/4000	3.7/3.6	2400/2800	3.2/2.9	131/55	138/63
CR29-0446-GXST	400/460	50/60	1	3500/4000	3.7/3.6	2400/2800	3.2/2.9	131/55	138/63

-OST will be replaced with a two-digit number designating all desired options. Consult the factory for specific model numbers.
*Because air conditioners provide less cooling at lower operating temperatures, two cooling capacity ratings are listed for each ProAir™ air conditioner to assist you in your selection.

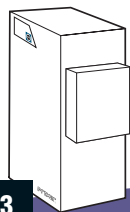
ProAir™ Stainless Steel CR43 6000-8500 BTU/Hr. (1758-2490 Watts)
H x W x D: 43.31" (1100) x 15.75" (400) x 10.25" (260)

Model	Voltage	Hz	Phase	BTU/Hr @		Amps @		Max Amb Temp °F/°C	Shipping Weight Lbs/Kgs
				131°F/131°F*	95°F/95°F*	131°F/131°F	95°F/95°F		
CR43-0616-OST	115	50/60	1	5800/6000	14.6/13.7	4800/5100	12.5/11.0	131/55	133/60
CR43-0626-OST	230	50/60	1	5800/6000	7.3/6.9	4800/5100	6.3/5.5	131/55	133/60
CR43-0646-G401	460	50/60	1	5500/6000	4.0/3.8	4800/5100	6.3/5.5	131/55	151/69
CR43-0646-XST	460	50/60	1	5500/6000	4.0/3.8	4800/5100	6.3/5.5	131/55	151/69
CR43-0816-OST	115	50/60	1	7500/8500	15.0/16.0	6700/7500	13.5/12.9	131/55	140/64
CR43-0826-OST	230	50/60	1	7354/8500	7.9/8.2	6400/7500	6.0/6.3	131/55	140/64
CR43-0846-G401	460	50/60	1	7500/8500	4.3/4.5	7100/8000	3.3/3.5	131/55	158/72
CR43-0846-XST	460	50/60	1	7500/8500	4.3/4.5	7100/8000	3.3/3.5	131/55	158/72

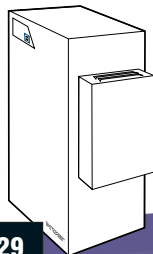
-OST will be replaced with a two-digit number designating all desired options. Consult the factory for specific model numbers.
*Because air conditioners provide less cooling at lower operating temperatures, two cooling capacity ratings are listed for each ProAir™ air conditioner to assist you in your selection.

TYPE 4X

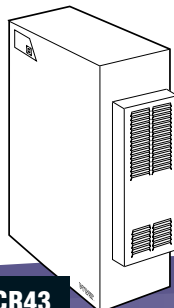
The protective shields illustrated here are required to achieve TYPE 4X. Shield protrudes approximately 2" from the air conditioner. Contact factory for details.



CR23



CR29



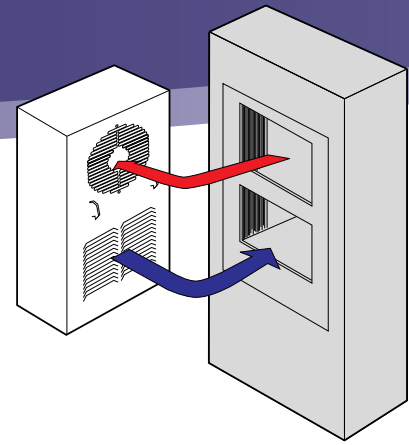
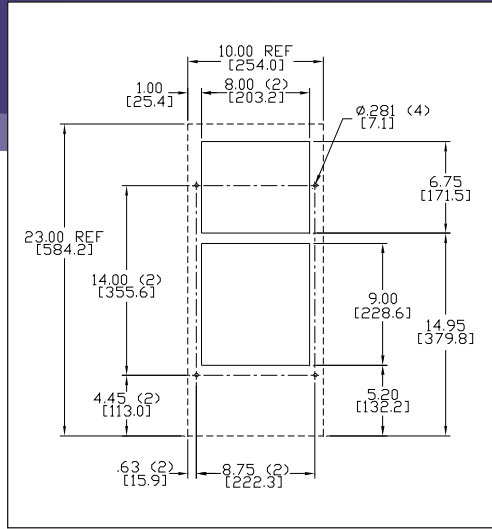
CR43



Stainless Steel CR23

CUT-OUT NOTES

1. Dash lines represent air conditioner.
2. Cut-out dimensions for standard product only.
3. Full-size mounting template provided.



SIDE MOUNT TO ENCLOSURE

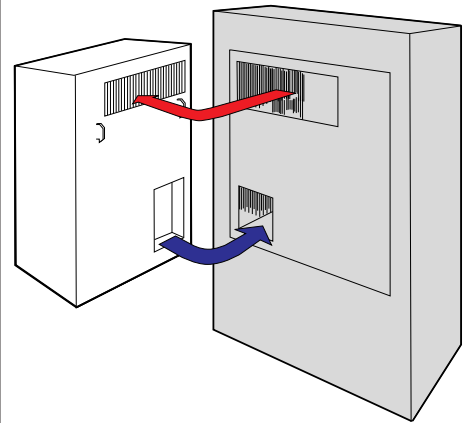
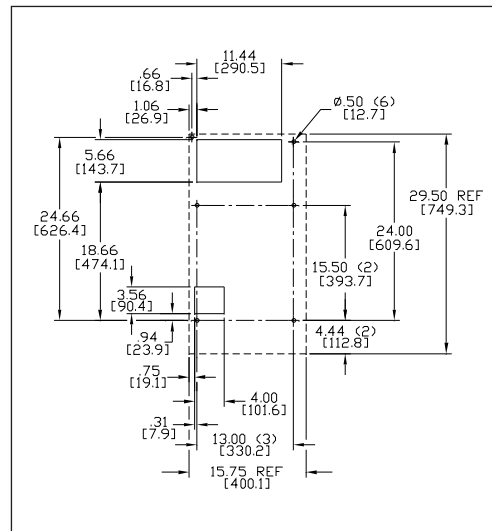
For TYPE 12 enclosure, interfacing air-out and air-in openings are required in the enclosure wall.



Stainless Steel CR29

CUT-OUT NOTES

1. Dash lines represent air conditioner.
2. Cut-out dimensions for standard product only.
3. Full-size mounting template provided.



SIDE MOUNT TO ENCLOSURE

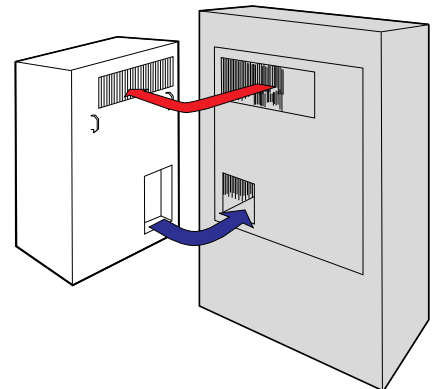
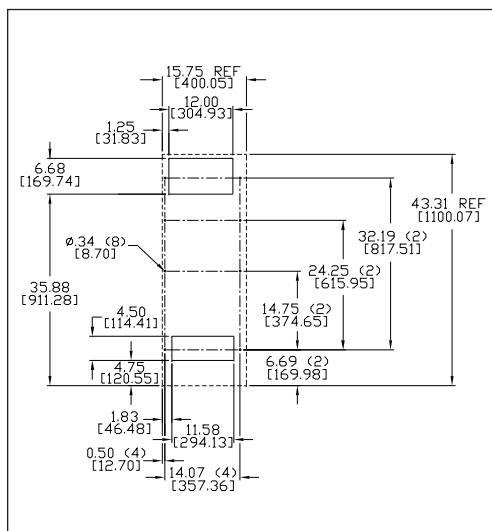
For TYPE 12 enclosure, interfacing air-out and air-in openings are required in the enclosure wall.



Stainless Steel CR43

CUT-OUT NOTES

1. Dash lines represent air conditioner.
2. Cut-out dimensions for standard product only.
3. Full-size mounting template provided.

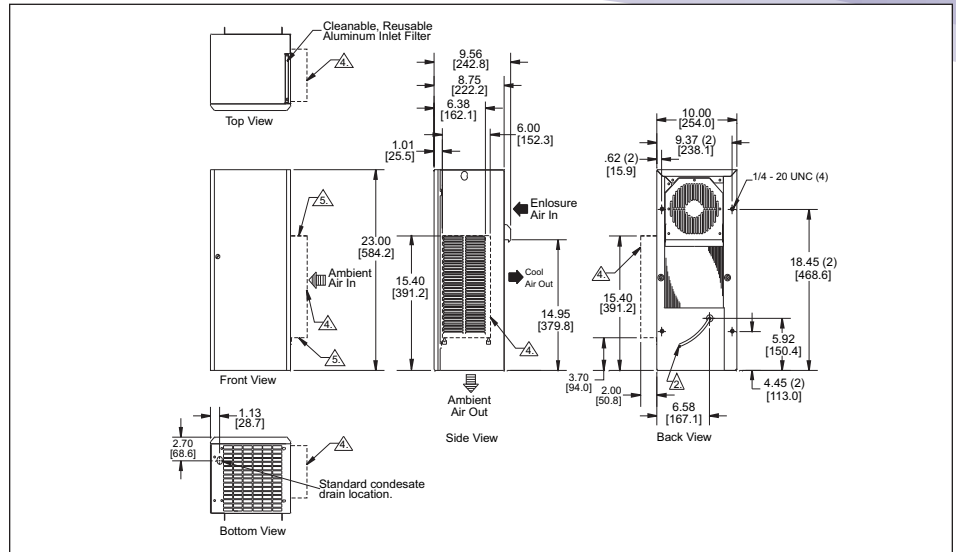


SIDE MOUNT TO ENCLOSURE

For TYPE 12 enclosure, interfacing air-out and air-in openings are required in the enclosure wall.

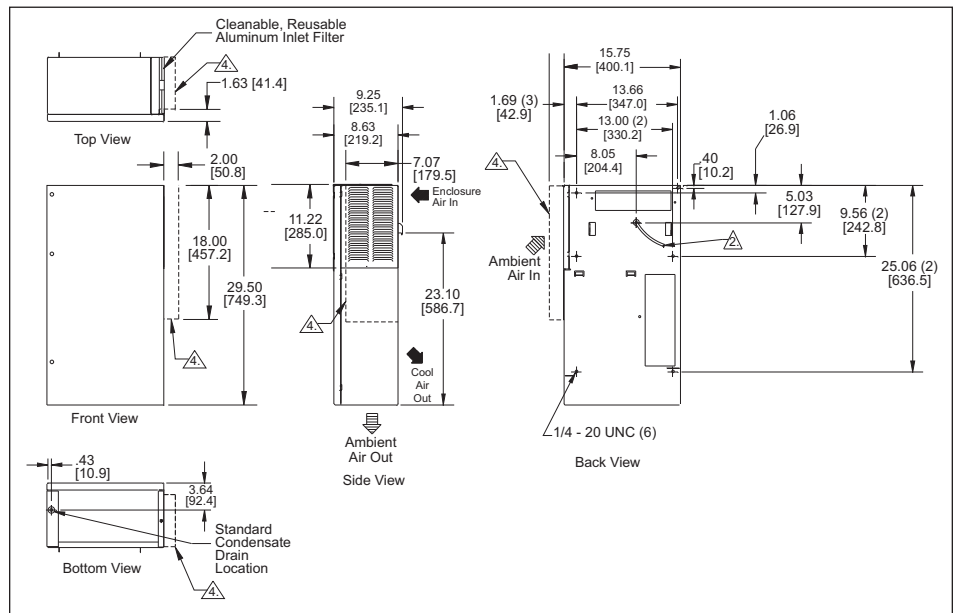
DESIGN NOTES

1. Gasket kit for mounting to enclosure included.
2. Service cord terminated with appropriate plug cap.
4. Dashed lines indicate optional shroud used, along with other special construction features, for TYPE 4X. Please contact factory for details.



DESIGN NOTES

1. Gasket kit for mounting to enclosure included.
2. Service cord terminated with appropriate plug cap.
4. Dashed lines indicate optional shroud used, along with other special construction features, for TYPE 4X. Please contact factory for details.



DESIGN NOTES

1. Gasket kit for mounting to enclosure included.
2. Service cord terminated with appropriate plug cap.
4. Dashed lines indicate optional shroud used, along with other special construction features, for TYPE 4X. Please contact factory for details.

