

Propeller Fan & Roof Ventilator Accessories



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General Accessories

Spark resistant construction

For hazardous locations, almost any fan or PRV can be ordered with a non-ferrous blade assembly (where not normally supplied) and explosion-proof motor. Motors only qualify for Class I Group D and Class II Groups F & G hazards.

Electrical controls

Normally the needed electrical controls are provided by those involved with the fan installation.

Protective Coatings

For most applications, the American Coolair powder coating system will provide the necessary surface protection for painted parts. This system includes a thermosetting epoxy powder coating to an average thickness of 2 mils and baked at 400 degrees Fahrenheit for hardness, impact resistance, adhesion, chemical resistance, smoothness and continuous finish.

Parts requiring painting are processed through the advanced American Coolair five-stage pretreatment system prior to the application of coatings to ensure maximum finish adhesion. The process begins with a boiling alkaline detergent bath followed by a water rinse. Then a zinc phosphate bath is used to etch surfaces to military specifications. This is followed by a rinse and a final step which neutralizes the coating surfaces.

For applications that require more specialized surface protection, American Coolair offers alternatives: 6 mil epoxy or hot dip galvanizing. For more information about special protective coatings, contact your American Coolair representative.

Wall Fan Accessories

Type S and SR Wall Shutters—For Type C fans



Front view* open

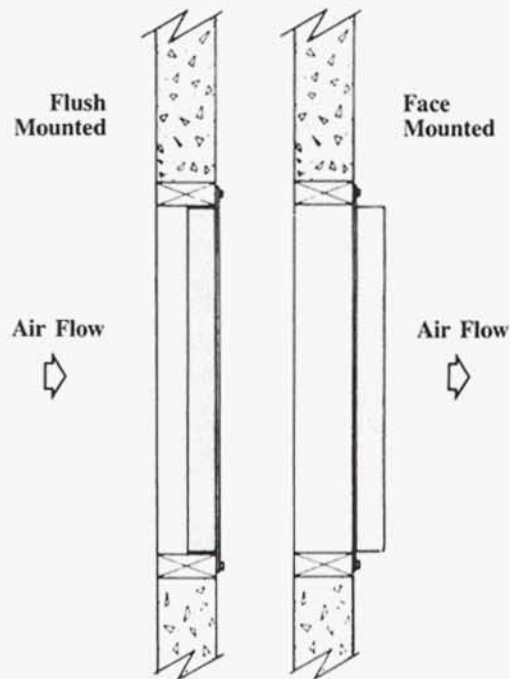
The Type S and SR wall shutters are an exclusive American Coolair design. They are manufactured by American Coolair and available for use with fan sizes from 24" to 84" blade diameter. Interlocking aluminum blades are reinforced with galvanized steel and pivot on stainless steel pins. Heavy gauge all aluminum channel frame with detachable aluminum flanges for optional flush or face mounting is an exclusive American Coolair feature.

AUTOMATIC, MANUAL OR MOTOR OPERATED: The Type S and SR wall shutters are counterbalanced for automatic (gravity) operation. All models may be manually operated by use of pull chain linkage. All models may be motor operated by use of electric damper motor and chain linkage. Shutter motor may be energized through fan circuit or independently. A motorized shutter is recommended for use with two-speed fans and supply fan application.

OPTIONAL FLUSH OR FACE MOUNTED SHUTTER: Detachable flanges permit shutter to be flush or face mounted. See illustrations.

STRENGTH AND RIGIDITY: Aluminum channel frame completely encloses shutter blades. Its strength and rigidity minimize malfunctions from twisted or misaligned shutter blades.

DOUBLE BLADE INTERLOCK: Leading edge of each shutter blade interlocks tightly with adjacent blade in closed position to provide a seal against wind, water and light.

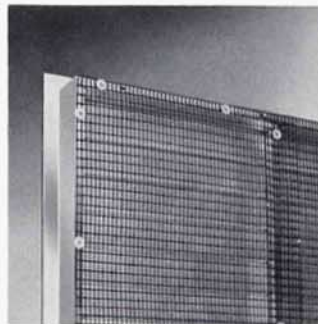


Optional methods of mounting Type S or SR shutter

BLADE RIGIDITY: Unusual shutter rigidity is achieved by use of shelf-type brace across entire width at each point blade attaches to tie bars. Type S and SR shutters have two tie bars per shutter panel. Type SR shutters have an additional blade reinforcement for use with high velocity and supply fan models. This blade rigidity along with stainless steel pivot pins eliminates blade flutter and insures maximum shutter service life.

Accessories

BIRD GUARD: Guard is made of PVC coated steel wire with $\frac{1}{2}$ " $\times$ 1" spacing. Protects shutter from damage by birds or vandalism. Attaches flat against shutter face giving unusually attractive appearance.



DELAY SWITCH: Position actuated contact switch allows fan motor to start only when shutter is in fully open position. Required for use with supply fan. Switch rated $\frac{3}{4}$ HP, single pole, 20 AMP 115V, 16 AMP 230V, 10 AMP 460V.

Shutter—Fan combinations

Each Type S and SR shutter has been designed for use with certain American Coolair fan models. Overall size of each shutter is matched to companion fan dimension.

*Front view is defined as side opposite tie bars. Rear view is defined as side with tie bars.

Type S and SR Shutters (cont'd.)

Use of these extra large shutters provides improved fan performance and increased shutter life. Model numbers shown are automatic (gravity operated).

Use with supply fan

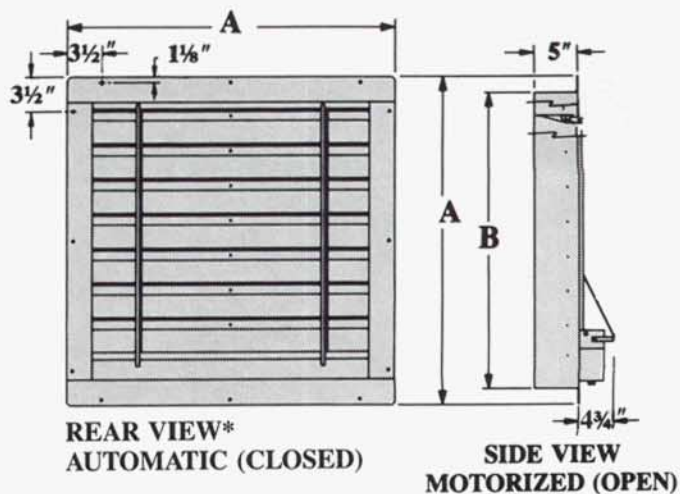
When used with supply fans, CFM must not exceed the values shown below. The Type SR reinforced shutter complete with delay switch must be used and one or two motor operators are required as indicated. If turbulent or gusty wind conditions exist, the Type SR shutter is not recommended for use with supply fans. Contact your American Coolair representative for alternatives.

MODEL	MAX. CFM—WITH SUPPLY FAN	
	ONE MOTOR	TWO MOTORS
SR24E	12,000	—
SR30E	14,000	—
SR36E	15,000	—
SR42E	17,000	20,000
SR48E	22,000	26,000
SR54E	27,000	33,000
SR60E	33,000	40,000
SR72E	—	60,000
SR84E	—	68,000

Installation

American Coolair recommends that the distance between fan and shutter be one-half of fan blade diameter. Where this is impossible, shutter should be installed no closer to fan blades than minimum distance shown, or fan performance and fan and shutter life will be reduced.

Fan Diameter	Minimum Fan-Shutter Distance
7" to 20"	4"
24" to 48"	5"
54" to 84"	7"



Typical drawing of Type S and SR shutter, multiple panels on larger sizes.

DIMENSIONS IN INCHES—TYPE S-SR SHUTTER					
FOR FAN		Shutter Model	A ² Overall Width and Height	B ³ Net Open Width and Height	Approx. Ship. Wt. Lbs.
Size	Max ¹ CFM Exhaust				
24"	9,000	S24	31 3/4	28 3/4	15
	14,000	SR24			19
30"	14,000	S30	37 3/4	34 3/4	19
	21,000	SR30			24
36"	17,000	S36	43 3/4	40 3/4	27
	22,000	SR36			34
42"	25,000	S42	49 3/4	46 3/4	32
	32,000	SR42			42
48"	32,000	S48	55 3/4	52 3/4	40
	40,000	SR48			50
54"	39,000	S54	61 3/4	58 3/4	50
	50,000	SR54			60
60"	48,000	S60	67 3/4	64 3/4	59
	59,000	SR60			69
72"	68,000	S72	84	80 3/4	118
	84,000	SR72			146
84"	80,000	S84	96	92 3/4	141
	110,000	SR84			181

METAL GAUGE: Type S-SR 24–48 have .050 aluminum frame and flange, S-SR 54 and larger have .060 aluminum frame and flange. Type S blades are .020 aluminum reinforced with 22 gauge galvanized steel. Type SR blades are identical with additional reinforcing.

1—If fan CFM exceeds maximum for S shutter, use SR; if CFM exceeds maximum for SR shutter, ask your American Coolair representative for alternative.

2—Dimension A includes flange on all four sides. Width of flange equals one half (Dimension A minus Dimension B).

3—Dimension B includes shutter frame (but not flange). To recess Type S shutter into wall, opening must equal B plus 1/4".

Type LRW wall shutters—For Type C fans



Rear view* open

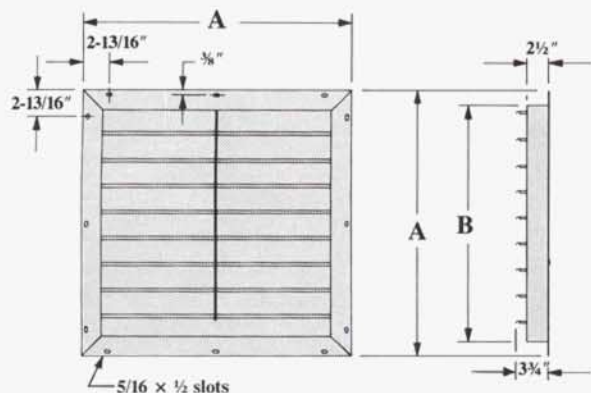
The Type LRW shutter is available as an option to American Coolair's Type S shutters for use with fan sizes from 24" to 54" only.

Counterbalanced blades are natural finish aluminum in an extruded aluminum frame. Shutter blade brackets and tie bars are also aluminum. Shutter blades pivot on nylon bushings.

The Type LRW shutter has automatic operation. Conventional face mounting is standard. Flush mounting is not available. Manual operation and the bird guard accessory are not available.

The Type LRW shutter is to be used for exhaust only.

*Front view is defined as side opposite tie bars. Rear view is defined as side with tie bars.



Typical drawing of Type LRW shutter, multiple panels on larger sizes.

DIMENSIONS IN INCHES—TYPE LRW SHUTTER					
FOR FAN		Shutter Model	A Overall Width and Height	B Net Open Width and Height	Approx. Ship. Wt. Lbs.
Size	Max CFM Exhaust				
24	6,800	LRW24	30 1/4	27	12
30	10,600	LRW30	36 1/4	33	14
36	15,300	LRW36	42 1/4	39	17
42	20,800	LRW42	48 1/4	45	20
48	27,200	LRW48	54 1/4	51	24
54	34,400	LRW54	60 1/4	57	30

METAL GAUGE: Type LRW models have .077 extruded aluminum frames and .020 aluminum blades. Shutter blade brackets are .063 aluminum.

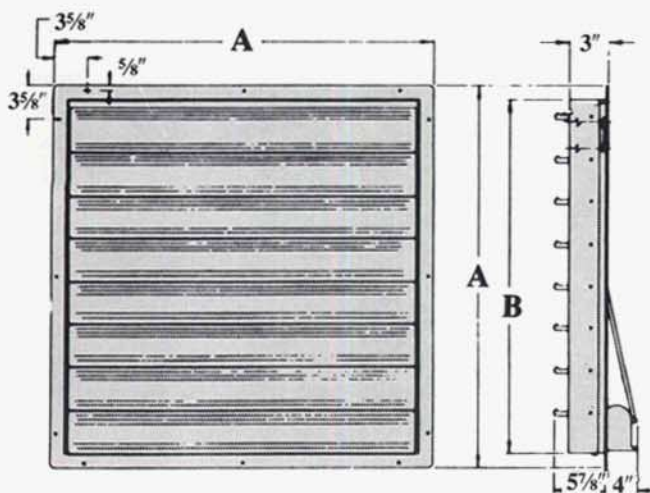
Type SU wall shutters—For Type UD fans



Front view* open

Type SU wall shutters are designed for use with American Coolair's Type UD fans. Counterbalanced blades are natural finish aluminum mounted in a welded steel frame. The entire frame is finished with a zinc chromate paint. Blade reinforcement and tie bars are galvanized steel. Type SU shutters utilize stainless steel bushings and cadmium plated steel pivot pins. These shutters may be automatic or motor operated. Conventional face mounting is only mounting available. Flush mounting is not available on Type SU shutter. Manual operation and the bird guard accessory are not available.

*Front view is defined as side opposite tie bars. Rear view is defined as side with tie bars.



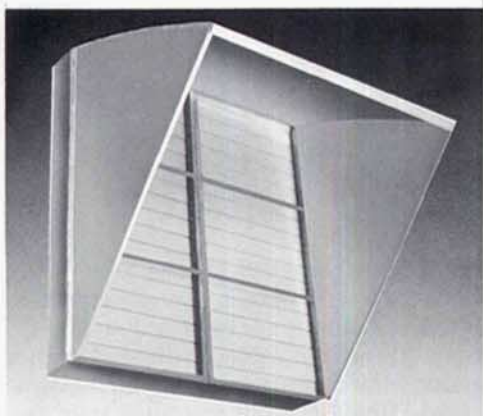
Typical drawing of Type SU shutter, multiple panels on larger sizes.

DIMENSIONS IN INCHES—TYPE SU SHUTTER

FOR FAN		Shutter Model	A Overall Width and Height	B Net Open Width and Height	Approx. Ship. Wt. Lbs.
Size	Max CFM Exhaust				
7" & 8"	1,400	SU 7-8	13½	10¼	5
10" & 12"	2,700	SU10-12	17½	14¼	10
14" & 16"	4,500	SU14-16	21½	18¼	15
18" & 20"	6,700	SU18-20	25½	22¼	19
24"	9,000	SU24	31½	28¼	25

METAL GAUGE: Type SU models have 19 gauge steel frames and 26 gauge aluminum blades reinforced with 20 gauge galvanized steel.

Type IL intake louver



Two Type IL Louvers (IL3071) with hood

The Type IL is designed for air intake to machine rooms, air-cooled condenser rooms and similar applications. It requires only a rough masonry opening and installs in minutes. Adjustable mounting anchors for 8" to 12" walls and ½" x 1" mesh galvanized bird screen are standard.

The IL louver has interlocking aluminum blades reinforced with galvanized steel, stainless steel pivots, and a heavy gauge galvanized steel channel frame. Blades are center-pivoted for proper air intake operation. Louver is flush mounted in wall and no flanges are required. Manual operation is standard.

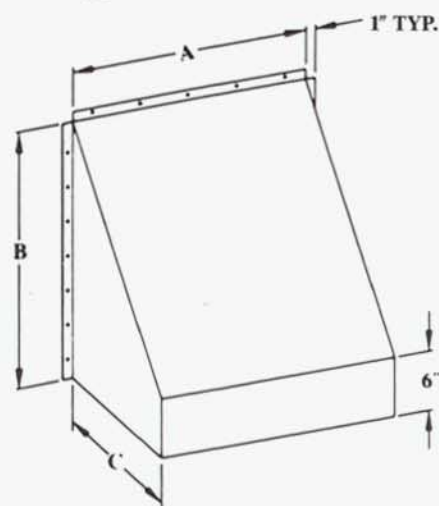
Optional accessories include motor kit for motorized operation and large rain or snow hood that attaches directly to louver frame. IL louvers are available in two sizes, 30" wide by 63" high and 30" wide by 71" high (models IL3063 and IL3071). They are sized to fit into a concrete block wall opening 8 blocks high (64") and 9 blocks high (72").

Type IH-Intake Hood—Supply Usage Only

American Coolair's intake hood, for use with supply fans only, provides protection against snow, rain, sleet, etc., entering the building through the supply fan.

These hoods are constructed from heavy gauge galvanized steel and are designed to match up with the respective Coolair fan and shutter sizes. They are shipped knocked-down for economies in freight costs. Field assembly is accomplished in a short period of time using the hardware included.

Type IH-Intake Hood



Hood Size	A	B	C	Gauge
12	18	26	20	20
18	26	34	28	20
24	33	41	35	20
30	39	47	41	20
36	45	47½	41½	18
42	51	53⅞	47⅞	18
48	57	59¾	53¾	18
54	63	66⅞	60⅞	16
60	69	71¾	65¾	16

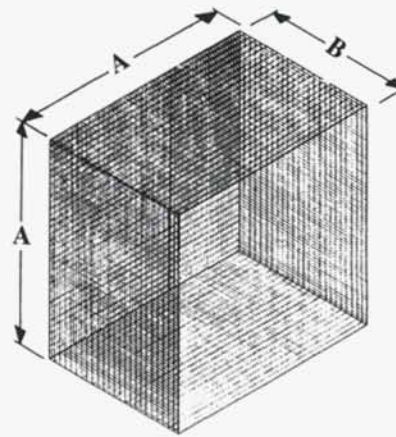
A black and white photograph of a large industrial fan or blower assembly. The central component is a large circular impeller with several curved blades, mounted on a central shaft. This assembly is housed within a sturdy metal frame or cage, which appears to be made of heavy-duty metal bars or mesh. The entire unit is shown from a slightly low angle, emphasizing its scale. The background is dark and indistinct, focusing attention on the mechanical details of the fan.

For Type C fans, motor side guard is shipped folded into flat package to reduce freight costs, avoid shipping damage and provide convenient assembly on the jobsite.

Guards are quickly and easily attached to fan frame or wall by use of fasteners included with each unit.

Special guards are available for 72" and 84" fans. They are shipped attached to fan and comply with OSHA requirements.

OSHA REGULATION: The Occupational Safety and Health Act of 1971, Section 1910.212(a)(5), requires that fans installed within 7 feet of the floor or working level have guards with ½ inch spacing. OSHA Program Directive #100-5 defines the guard construction required. Any specification or purchase order for a fan which will be located 7 feet or less from floor level should require that a guard be furnished which complies with the OSHA requirement. American Coolair's Type SG guard does comply.



DIMENSION IN INCHES						
Fan	Motor Side-Type SGM			Front-Type SGF		
Size	Model No.	A	B	Model No.	A	B
7-8	—	—	—	SGF7-8	12	3½
10-12	SGM10-12	18	11	SGF10-12	14	3½
14-16	SGM14-16	22	12	SGF14-16	18	5½
18-20	SGM18-20	26	14	SGF18-20	22	5½
18(CD)	SGM18(CD)	26	14	SGF18(CD)	22	5½
24(UD)	SGM24(UD)	32	14	SGF24(UD)	28	5½
24	SGM24	32	24	SGF24	29 ¹	5 ²
30	SGM30	38	24	SGF30	35 ¹	5 ²
36	SGM36	44	24	SGF36	41 ¹	5 ²
42	SGM42	50	24	SGF42	47 ¹	5 ²
48	SGM48	56	30	SGF48	53 ¹	5 ²
54	SGM54	62	30	SGF54	59 ¹	5 ²
60	SGM60	68	30	SGF60	65 ¹	5

2—For C-AL fans, "B" dimension is 10".

Type WH Wall Housing (cont'd.)

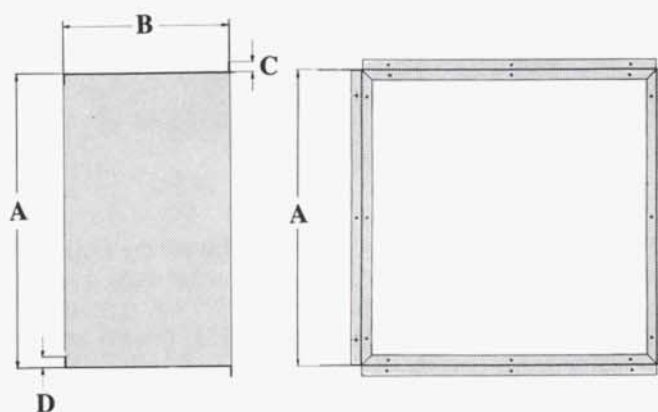
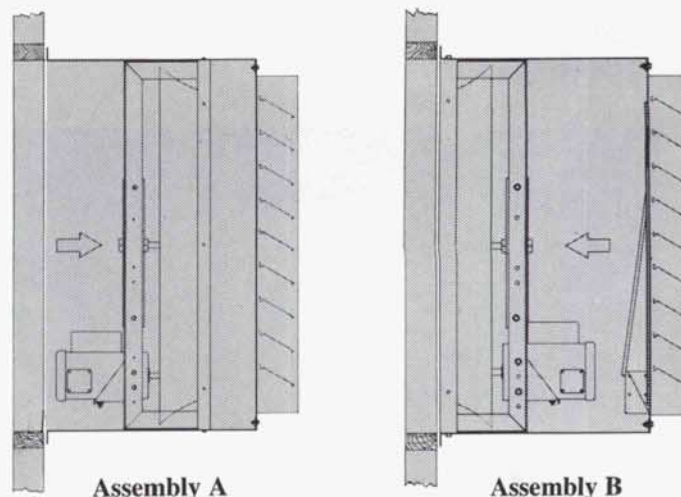
This heavy gauge galvanized steel housing is available for use with Type C fans up to 84" in size. It provides a convenient method for mounting the fan to either the inside or outside of a wall opening. This becomes important when mounting fan directly to the wall would not be satisfactory. The wall housing can also be used when it is desirable to have the entire fan and motor assembly outside the occupied area yet mounted to a wall opening. Use of the wall housing also provides a way in which American Coolair's unique design Type CBL and CBH fans can be used for supply air.

The wall housing can be shipped completely assembled or knocked-down for jobsite assembly. If completely assembled shipment is desired, be sure to specify your choice of assembly "A" or assembly "B" as described below. Wall shutter (if ordered) is shipped separately.

Wall housing use

ASSEMBLY "A": Refers to the installation of the fan in the housing so that the blade side of the fan faces the shutter. The motor side of the fan is toward the mounting flange which attaches the assembly to the wall opening. This assembly can be used for either exhaust or supply. The wall housing would normally be mounted outside the wall opening. For an exhaust application, air flow would be in the direction indicated. For supply usage (does not apply to Type CBL-CBH fans) air flow is in opposite direction. When used for supply, a motor operated shutter, with a delay switch to allow the shutter to open before the fan is energized, would be required. **SPECIFY ASSEMBLY "A" WHEN THE FAN PROPELLER IS TO BE BETWEEN THE FAN MOTOR AND THE SHUTTER.**

ASSEMBLY "B": Refers to the installation of the fan in the housing so that the motor side of the fan is adjacent to the shutter. The face of the fan panel is flush with the end of the wall housing which attaches to the wall opening. This arrangement is normally used in supply air applications and allows the use of American Coolair's unique Type CBL and CBH fans for supply. This arrangement requires a motor operated shutter with a delay switch to allow the shutter to open before the fan is energized. Air flow is in the direction indicated. As with all supply fans, a hood or other means should be provided to prevent the entrance of moisture when fan is running. **SPECIFY ASSEMBLY "B" WHEN THE FAN MOTOR IS TO BE BETWEEN THE FAN PROPELLER AND THE SHUTTER.**

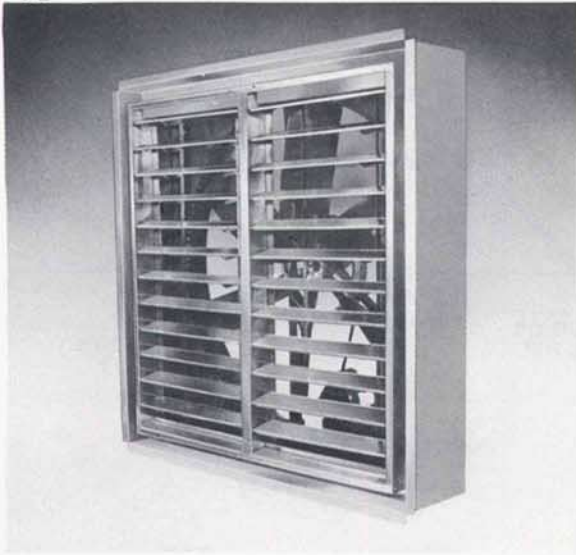


Model	DIMENSIONS IN INCHES				Metal Gauge	Max. Motor Frame**			
	A*	B	C	D		CBL/H	CBHX	CBC	CDC
WH18	26 ⁵ / ₃₂	19 ³ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	18	—	—	—	56
WH24	32 ⁵ / ₃₂	24 ¹¹ / ₁₆	1 ¹ / ₂	2	20	145T	—	—	184T
WH24H	32 ¹¹ / ₃₂	31 ³ / ₃₂	1 ¹ / ₂	2	18	184T	—	—	184T
WH30	38 ⁵ / ₃₂	24 ¹¹ / ₁₆	1 ¹ / ₂	2	20	145T	—	—	184T
WH30H	38 ¹¹ / ₃₂	31 ³ / ₃₂	1 ¹ / ₂	2	18	184T	—	—	184T
WH36	44 ⁵ / ₃₂	24 ³ / ₃₂	1 ¹ / ₂	2	18	56	—	—	213T
WH36H	44 ³ / ₈	31 ¹ / ₈	1 ¹ / ₂	2	16	215T	—	—	215T
WH42	50 ⁵ / ₃₂	24 ³ / ₃₂	1 ¹ / ₂	2	18	145T	—	—	213T
WH42H	50 ³ / ₈	31 ¹ / ₈	1 ¹ / ₂	2	16	215T	—	—	215T
WH48	56 ⁵ / ₃₂	24 ³ / ₃₂	1 ¹ / ₂	2	18	56	—	—	—
WH48H	56 ³ / ₈	31 ¹ / ₈	1 ¹ / ₂	2	16	215T	215T	—	256T
WH48X	56 ¹⁹ / ₃₂	38 ³ / ₁₆	1 ¹ / ₂	2	12	215T	215T	256T	256T
WH54	62 ⁵ / ₃₂	24 ¹ / ₃₂	1 ¹ / ₂	2 ¹ / ₄	18	56	—	—	—
WH54H	62 ¹ / ₁₆	31 ⁵ / ₃₂	1 ¹ / ₂	2	14	215T	213T	—	256T
WH54X	62 ¹⁹ / ₃₂	38 ³ / ₁₆	1 ¹ / ₂	2	12	215T	215T	256T	256T
WH60H	68 ¹ / ₁₆	31 ⁵ / ₃₂	1 ¹ / ₂	2	14	—	213T	—	256T
WH60X	68 ¹⁹ / ₃₂	38 ³ / ₁₆	1 ¹ / ₂	2	12	—	215T	256T	256T
WH72X	80 ⁵ / ₈	44 ³ / ₄	2	1	10	—	—	256T	—
WH84X	92 ⁵ / ₈	44 ³ / ₄	2	1	10	—	—	256T	—

*— Add ⁵/₃₂ to dimension "A" for recommended wall opening.

**— Based on standard TEFC motors (Explosion Proof, Hi-Eff, etc.) may invalidate this data.

Type MC Mounting Collar—For Type C Fans

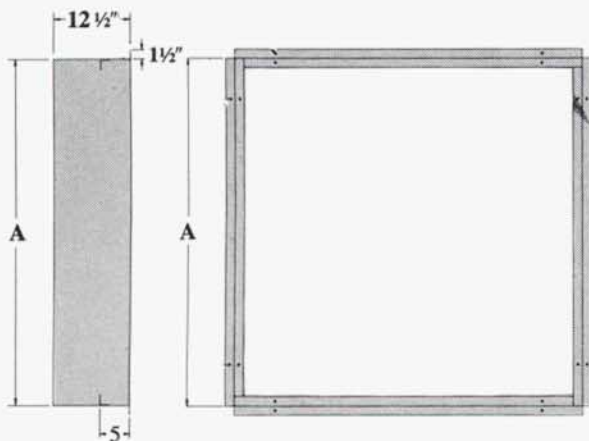


This heavy gauge galvanized steel collar is available for use with Type C fans from 24" to 48" in size. It provides a convenient method for mounting the fan in a wall opening. This becomes important when mounting fan directly to the wall would not be satisfactory.

The mounting collar is for exhaust usage.

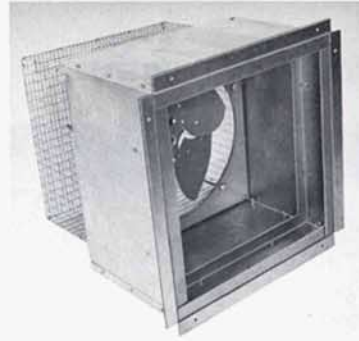
By incorporating a wall shutter or fixed louver, a complete wall ventilation package is obtained.

The mounting collar can be shipped completely assembled or knocked-down for jobsite assembly. If completely assembled shipment is desired, and a wall shutter is ordered, it is shipped assembled to mounting collar.



DIMENSIONS IN INCHES			Metal Gauge	Wall Opening
Model	A			
MC24	32 ⁵ / ₁₆		20	32 ¹³ / ₁₆
MC30	38 ⁵ / ₁₆		20	38 ¹³ / ₁₆
MC36	44 ⁵ / ₁₆		18	44 ¹³ / ₁₆
MC42	50 ⁵ / ₁₆		18	50 ¹³ / ₁₆
MC48	56 ⁵ / ₁₆		18	56 ¹³ / ₁₆

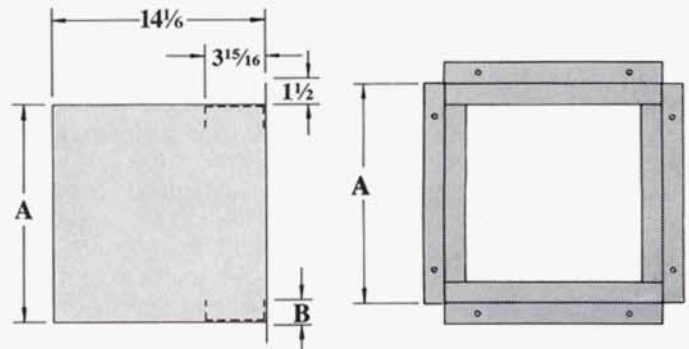
Type WS wall sleeve—For Type UD fans



This accessory provides a convenient method for mounting a Type UD fan in a wall opening. It is available for all models from 7" to 24" diameter.

The wall sleeve is constructed of galvanized steel and assembled with either exhaust or supply fan.

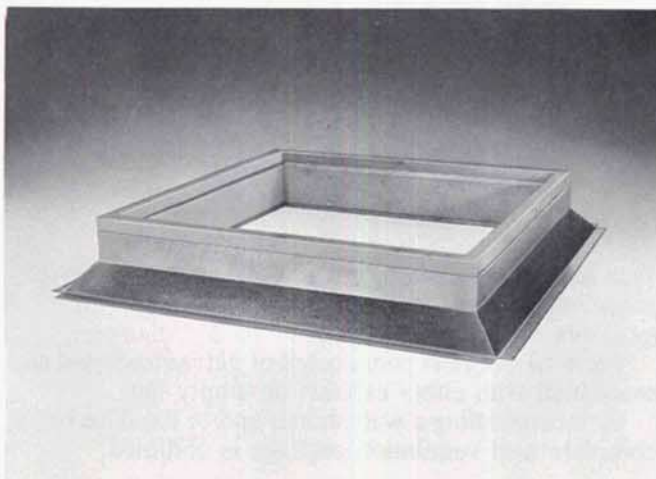
By incorporating a wall shutter and/or fixed louver, a complete wall ventilation package is obtained.



FAN SIZE	DIMENSIONS IN INCHES			METAL GAUGE
	A	B	ROUGH-IN OPENING	
UD 7	14 ³ / ₈	1 1/2	14 ³ / ₄	18
UD 8				
UD 10	18 ¹ / ₄	1 ³ / ₈	18 ³ / ₄	18
UD 12				
UD 14	22 ¹ / ₄	1 ³ / ₈	22 ³ / ₄	18
UD 16				
UD 18	26 ¹ / ₄	1 ³ / ₈	26 ³ / ₄	18
UD 20				
UD 24	32 ¹ / ₄	1 ³ / ₈	32 ³ / ₄	18

Roof Ventilator Accessories

Type PFC prefabricated roof curbs



American Coolair Type PFC1, surface mounted roof curb. (Also available in bulb tee mount style, Type PFC2.)

American Coolair's Type PFC prefabricated roof curb is made of heavy gauge galvanized steel welded into a rigid one piece unit. Use of the Type PFC curb provides top quality construction, uniform dimensions and a water resistant design. Type PFC1 is designed for use on non-insulated concrete, steel and wood roof decks. Type PFC2 is designed for use on bulb tee gypsum and tectum roof decks. PFC curb models are available for use with all American Coolair power roof ventilator models.

WOOD NAILER: This is a sure way of attaching roof felts 8" above roof. Eliminates slipping, sagging or buckling of felts.

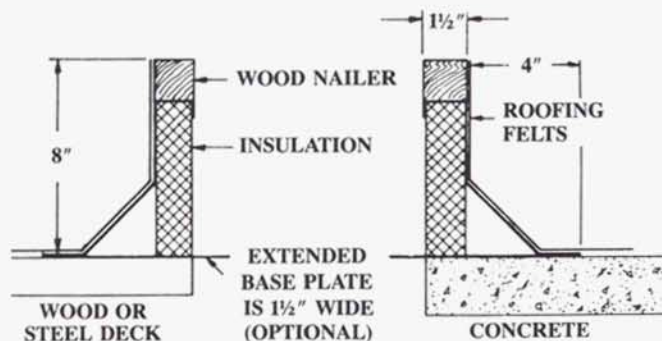
INSULATION: The interior of curb is lined with 3# density fiberglass board to eliminate condensation.

WELDED CORNERS: Type PFC roof curbs use continuous welded corners for unitized construction for maximum strength and rigidity.

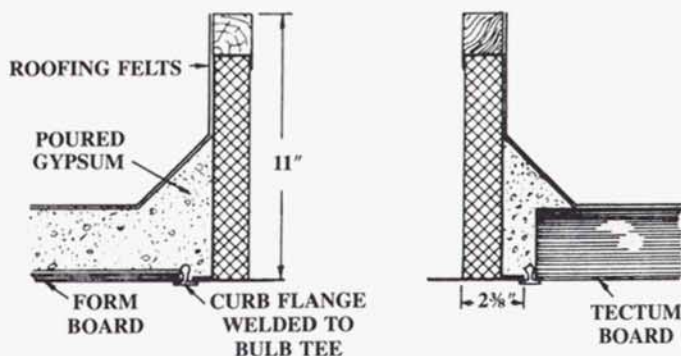
GALVANIZED STEEL: Heavy gauge corrosion resistant galvanized steel is used for maximum strength and durability.

OPTIONAL EQUIPMENT: (1) 12" curb height instead of standard 8"; (2) Single pitch or double pitch on curb base for sloping roofs; (3) Aluminum construction; (4) Extended base plate for mounting backdraft damper when required.

INSULATED SURFACE MOUNT STYLE (TYPE PFC1)



INSULATED BULB T STYLE (TYPE PFC2)



PRE-FAB CURB MODELS

PRV SIZE	PRE-FAB ¹ CURB MODEL	CURB ² O.D.	PRV CURB ² CAP I.D.	APPROX. SHIP. WT.
10-12	PFC1-12	22	24	25
14-16	PFC1-16	26	28	30
18-20	PFC1-20	30	32	40
24	PFC1-24	36	38	55
30	PFC1-30	42	44	65
36	PFC1-36	48	50	75
42	PFC1-42	54	56	85
48	PFC1-48	60	62	90
54	PFC1-54	66	68	100
60	PFC1-60	75	77	115
72	PFC1-72	87	89	135
84	PFC1-84	99	101	155

1 — Curbs are 18 gauge galvanized steel. Model number shown is for surface mount, specify model PFC2- for bulb-tee mount.

2 — Curb O.D. and PRV curb cap I.D. are square. Dimensions in inches.

Type PFC Prefabricated Roof Curbs (cont'd.)

Installation of Curb and PRV

Select pre-fab curb model to match the power roof ventilator (PRV) model. See drawings for recommended installation detail. O.D. of curb is 2" less than I.D. of PRV curb cap. This allows 1" on all four sides for roofing materials and/or flashing.

If PRV back draft damper (BDD) is to be installed in curb, attach to extended base plate at base of curb before installation of PRV. Before mounting BDD, check projection of motor on PRV for clearance of BDD. (See Dimension E on PRV drawings.) If no BDD is used, check bar joist or burglar bars for possible interference with motor projection.

Automatic heat and smoke venting— For upblast PRVs



Spring operated arms open dampers when activated by excessive heat melting 165°F, U.L. listed, fusible link. PRV thus becomes a gravity heat and smoke vent. (Standard with Type HS models.)

Back draft damper—For hooded PRVs

An automatic or motor operated back draft damper is available. It is American Coolair's exclusive design Type S shutter modified to operate in a horizontal position. A mounting sleeve for damper or higher-than-normal curb may be required to provide clearance between ventilator motor and damper for Type P hooded units. Refer to Type P dimension drawings for details.

Bird screen—For hooded PRVs

This galvanized wire mesh screen will prevent entry of birds and rodents. This accessory is not necessary on filtered units, as filters provide this protection.

Safety disconnect switch



Prevents accidental starting of PRV and is protected in a NEMA 3R enclosure. Where appropriate, mounting bracket and coupling for wiring through curb cap are provided. Pre-wiring of switch to motor may also be specified.

Inlet and outlet guard— For upblast PRVs

Inlet and outlet guards are constructed of 1" x 1", 14 gauge galvanized wire mesh. Outlet guard mounts on the top edge of wind shroud on upblast units. The inlet guard is available only for the Type JT and Type HS. These guards prevent entry of foreign objects which might damage units.

Duct connector

For applications which require attachment of duct to Type JT or Type HS PRVs, a flanged duct connector is provided on the underside of curb cap.

Magnetic latches—For upblast PRVs

The addition of magnetic latches can minimize "damper flap" and accidental venting when unit is not in use.

Fiberglass insulation—For hooded PRVs

The inner crown of the hood on all hooded PRVs and inside the base section on models other than Type P can be lined with one-inch thick fiberglass insulation to minimize condensation in cold weather and help reduce fan sound.

Undercoatings—For hooded PRVs

A special undercoating is factory-applied to interior surfaces of hood on Type P unit and hood and base on other models. It reduces condensation and adds sound-deadening material.

WARNING**CAUTION**

DO NOT INSTALL FAN WITH MOVING PARTS WITHIN 8 FEET OF FLOOR OR GRADE LEVEL WITHOUT A GUARD THAT COMPLIES WITH OSHA REGULATIONS. **DO NOT** USE UNLESS ELECTRICAL WIRING COMPLIES WITH ALL APPLICABLE CODES. **DO NOT** WIRE WITHOUT PROVIDING FOR A POWER SOURCE DISCONNECT AT THE FAN ITSELF. **DO NOT** SERVICE EXCEPT BY A QUALIFIED MAINTENANCE TECHNICIAN AND ONLY AFTER DISCONNECTING THE POWER SOURCE. FAILURE TO OBSERVE THESE PRECAUTIONS CAN RESULT IN SERIOUS INJURY OR DEATH.

Limited warranty

In the sale of its products, American Coolair Corporation agrees to correct, by repairs or replacement, any defects in workmanship or material that may develop under proper and normal use during the period of one year from date of shipment from factory. Any product or part proving, upon American Coolair's examination, to be defective during limited warranty period will be repaired or replaced, at American Coolair's option, f.o.b. factory, without charge.

Deterioration or wear caused by chemicals, abrasive action or excessive heat shall not constitute defects.

Motors are guaranteed only to the extent of manufacturer's warranty.

American Coolair's limited warranty does not apply to any of its products or parts that have been subject to accidental damage, misuse, by the user, unauthorized alterations, improper installation or electrical wiring, or lack of proper lubrication or other service requirements established by American Coolair.

Repairs or replacements provided under the above terms shall constitute fulfillment of all American Coolair's obligations with respect to limited warranty.

THE LIMITED WARRANTY STATED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, STATUTORY OR IMPLIED, INCLUDING WITHOUT LIMITATION THAT OF MERCHANTABILITY AND FITNESS.

NO LIABILITY FOR REINSTALLATION COST OR FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY NATURE IS ASSUMED OR SHALL BE IMPOSED UPON AMERICAN COOLAIR.



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