

DUST COLLECTORS FUME EXHAUSTERS MANCOOLERS

Model DC-Dust Collector



The Model DC is a low cost packaged dust collector, designed to effectively remove dust, grit and other airborne contaminants at their source.

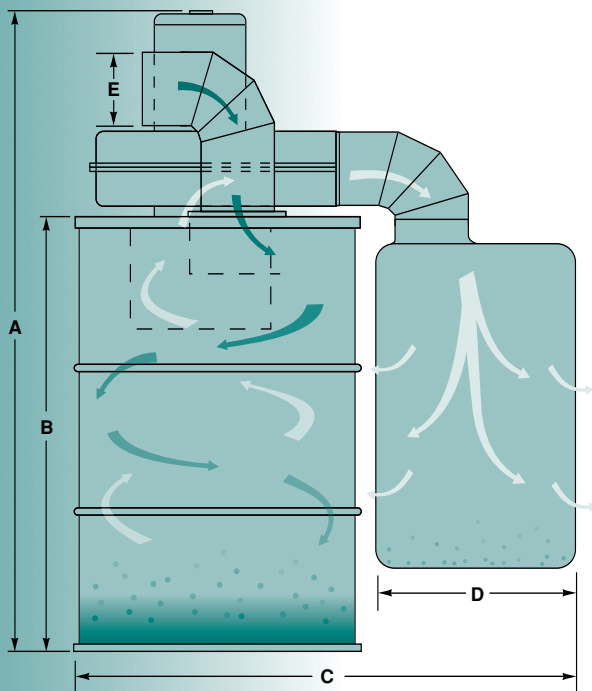
Only clean air is recirculated within the area.

Easy to install...just remove it from the carton, set it on a standard 55 gallon drum and plug it in.

Model DC pays for itself with these advantages:

- A cleaner work area
- Safer working conditions
- Plant maintenance savings
- Recirculates air in the building. No heat or A/C loss.

Packaged unit includes filter bag and 5' of flexible hose.



Features

- Completely fabricated of heavy gauge steel with non-sparking aluminum housing and powerful radial wheel.
- Permanently lubricated, ball bearing, continuous duty motors are standard.
- All units fit standard open end steel drums.
- Safe, no exposed moving parts. Completely self contained.
- Low cost, economical to operate.

Optional Accessories

- Complete line of nozzles and fittings, etc.
- 4 wheel dolly for portability
- Motor Starters
- Cut-off dampers
- Metal suction hose
- Special voltages

TYPICAL APPLICATIONS

Model	Grinding	Woodworking	Buffing & Polishing
DC-8	Light Laboratory Type	1-6" Saw 1-Small Sander	Light Laboratory Type
DC-9	2-6" Wheels or 1-8" or 10" Wheel	1-8" Saw, 1-4" Jointer 1-Small Sander	2-6" Wheels or 1-8" or 10" Wheel
DC-10	1-10" Wheel or 2-8" Wheels	10" Saw, 6"-8" Jointer 1-Planer	2-8" Wheels
DC-11	2-10" Wheels or 1-12" Wheel	1-12" or 14" Saw, 1-16" Planer 2-Small Sanders	1-12" Wheel or 2-10" Wheels
DC-12	3-10" Wheels or 2-12" to 14" Wheels	1-14" to 18" Saw, 1-16" Planer 1-Large Sander	1-16" Wheel or 2-12" Wheels
DC-13	For Higher Pressure Applications		

DIMENSIONS (in inches)

Model	A	B	C	D	E
DC-8	52 $\frac{1}{32}$	35 $\frac{3}{4}$	42	11 $\frac{1}{2}$	4
DC-9	52 $\frac{1}{32}$	35 $\frac{3}{4}$	42	11 $\frac{1}{2}$	4
DC-10	52 $\frac{15}{16}$	35 $\frac{3}{4}$	42	11 $\frac{1}{2}$	5
DC-11	54 $\frac{1}{2}$	35 $\frac{3}{4}$	42	11 $\frac{1}{2}$	6
DC-12	54 $\frac{1}{2}$	35 $\frac{3}{4}$	42	11 $\frac{1}{2}$	6

SPECIFICATIONS

Model	HP	RPM	CFM	Velocity (FPM)	Hose (inches)	Ship Wt.
DC-8	$\frac{1}{3}$	3450	350	4000	4 x 60	45
DC-9	$\frac{1}{2}$	3450	450	5100	4 x 60	50
DC-10	1	3450	700	5000	5 x 60	74
DC-11	1 $\frac{1}{2}$	3450	875	4500	6 x 60	84
DC-12	2	3450	1000	5000	6 x 60	96
DC-13	3	3450	1200	6000	6 x 60	105

Model CC-Cyclone Dust Collector

The Model CC cyclone separator, dust collector blows the dust laden air into the long tapered cyclone by means of a powerful radial blade blower. The high velocity cyclone action separates the dust particles into a dust storage cabinet or a 55 gallon drum. Dust free air is then returned to the work place. For very fine dust an after filter bag is available.

Let American Fan Woods clear the air. Your employees will benefit and your equipment will stay accurate longer and require less maintenance.

Features

- Highly efficient cast aluminum and steel plate blowers
- 14 gauge steel cyclone
- Large 12 gauge steel storage box and supports
- Compact - self contained
- No exposed moving parts
- Inexpensive
- Easy installation
- Recirculating type - no heat loss

Applications

- Surface & cutting grinders
- Buffing & Polishing machines
- All types of wood working machines
- Chemical dust
- Tire retreading equipment
- Pharmaceutical powders
- Food products dust
- Precious metals dust
- Lint-Textiles-Plastics-Grain & many other applications

Accessories

- Steel wheels for cast aluminum blowers
- Motor starters
- Rain cap for outside use (canopy)
- Explosion proof motors
- Dust bags
- Dust drawer

TECHNICAL DATA

Model No.	HP	RPM	CFM at 2" SP	Inlet O.D. (inches)	Height less Filter Bag (inches)	Approx. Floor Space (inches)	Dust Storage Capacity in Cubic Feet			Approx. Ship. Wt. (Lbs.)
							①	②	③	
CC-8-E	1/8	3450	275	4	49 1/2	18 x 30	3.75	2.00	7.5	169
CC-9-F	1/2	3450	400	5	49 1/2	18 x 30	3.75	2.00	7.5	175
CC-9-G	3/4	3450	485	5	49 1/2	18 x 30	3.75	2.00	7.5	177
CC-10-H	1	3450	730	6	57 1/2	20 x 36	5.00	3.00	7.5	220
CC-10-I	1 1/2	3450	755	6	57 1/2	20 x 36	5.00	3.00	7.5	229
CC-12-I	1 1/2	3450	855	7	57 1/2	20 x 36	5.00	3.00	7.5	269
CC-12-J	2	3450	1130	7	57 1/2	20 x 36	5.00	3.00	7.5	275
CC-12-K	3	3450	1400	7	57 1/2	20 x 36	5.00	3.00	7.5	284
CC-14-L	5	3450	2000	8	90	35 x 54	13.00	8.50	7.5	550

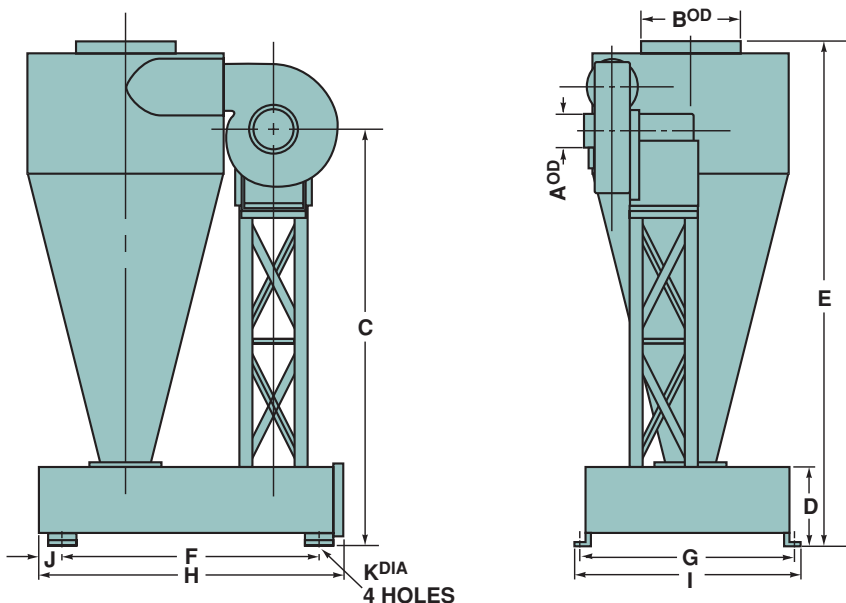
① Standard cabinet- no drawer.

② Standard cabinet- with drawer.

③ D-1 construction-For one 55 gal. drum and no cabinet- Angle iron framing with cyclone and blower mounted on top. Legs predrilled for assembly in the field.

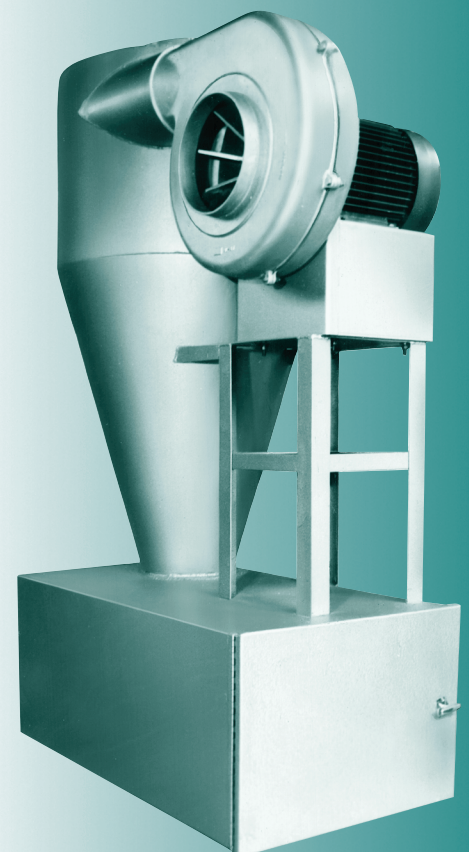
D-2 construction is for two drums.

Above units can be modified with various wheels to meet more exacting requirements.



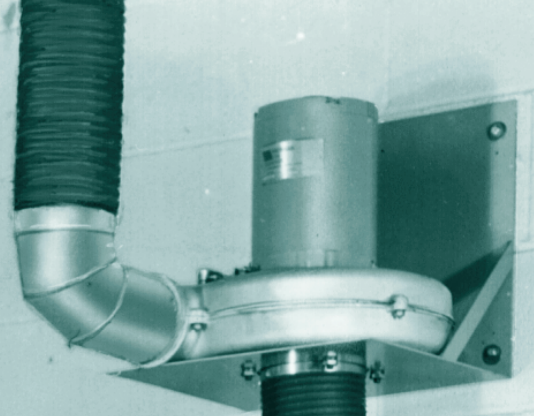
DIMENSIONS (in inches)

Model	A	B	C	D	E	F	G	H	I	J	K
CC-8	4	8	40 5/16	14	49 1/2	22	18 3/4	30	19 3/4	4	5 1/8
CC-9	5	8	39 1/4	14	49 1/2	22	18 3/4	30	19 3/4	4	5 1/8
CC-10	6	10	46	14	57 1/2	28	20 3/4	36	21 3/4	4	5 1/8
CC-12	7	10	44 5/16	14	57 1/2	28	20 3/4	36	21 3/4	4	5 1/8
CC-14	8	17 1/2	75 5/16	14	90 3/4	46	36 3/4	54	38 3/4	4	5 1/8



FUME EXHAUSTERS

**IMPROVE
WORKING
CONDITIONS
WITH THE
"FUME CHEX"**



The "Fume-Chex", low cost fume exhauster is not only ideally suited for collecting smoke and fumes from all welding, brazing and soldering operations; it is necessary for the good health of your employees.

Industry has come to recognize the importance of good ventilation of fumes from the above operations. The fumes emitted from welding certain raw metals and coated metals such as galvanized, are not only a nuisance but a hazard to the health of the welders.

The Model FC draws these fumes away at their source and exhausts them to the outside. This assures both the comfort and the health of the welder and cuts down on fatigue.

This unit, because it traps the fumes at their source eliminates the need for additional high volume ventilation units which increase heating expenses in the winter months.

Features

- 10' of flex hose
- Fume Hood
- Adjustable discharge elbow
- Rubber vibration mount
- Non-sparking Aluminum Construction

Optional Accessories

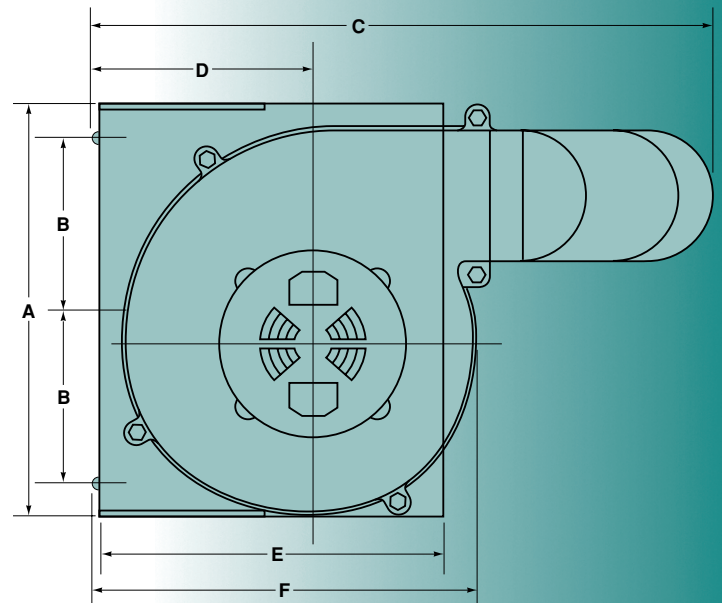
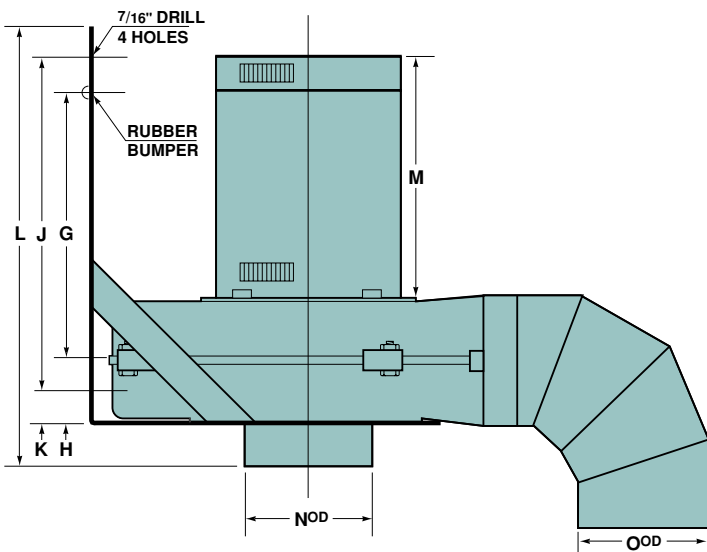
- Explosion Proof Motors
- Special Voltages
- Hood Magnets

Other Uses

- Tank & Sewer Ventilation
- Auto Exhaust Removal Systems
- All types of Cooling Applications
- By attaching the hose to the discharge, the "Fume-Chex" is converted into a powerful blower

SPECIFICATIONS

Model	HP	RPM	CFM	Hose Size	Hood Size (inches)	Approx. Shipping Wt. Lbs.
FC-8	1/3	3450	375	4"x10 Ft.	3x7x4 o.d.	55
FC-9	1/2	3450	550	5"x10 Ft.	4x8x5 o.d.	65
FC-10	1	3450	800	6"x10 Ft.	5x10x6 o.d.	80
FC-11	1 1/2	3450	1200	6"x10 Ft.	5x10x6 o.d.	92
FC-12	2	3450	1400	6"x10 Ft.	5x10x6 o.d.	100



DIMENSIONS (in inches)

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O
FC-8	12 1/2	5 1/4	19 5/16	7	10 1/2	11 15/16	8	2	10	1	12 7/8	7	4	4
FC-9	15	6 1/2	21 3/4	8 9/16	14	14 9/16	9	2 1/2	11	1 1/2	14 7/8	7 3/4	5	4
FC-10	19 3/4	8 1/2	28 3/16	13 1/4	16 3/4	19 15/16	11	2 1/2	13	1 1/2	16 7/8	8 3/16	6	5
FC-11	19 3/4	8 1/2	28 3/8	10 1/2	16 3/4	18 1/4	11	2 1/2	13	1 1/2	17 7/8	10 5/8	6	6
FC-12	19 3/4	8 1/2	28 3/8	10 1/2	16 3/4	18 1/4	11	2 1/2	13	1 1/2	17 7/8	11 1/8	6	6

*Varies with motor—normally maximum

IMPROVE WORKER EFFICIENCY

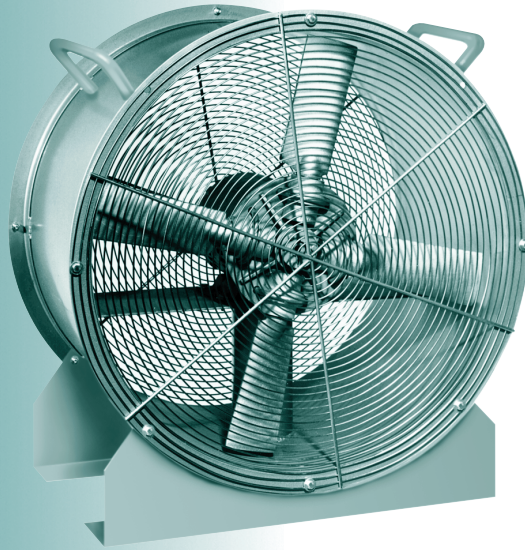
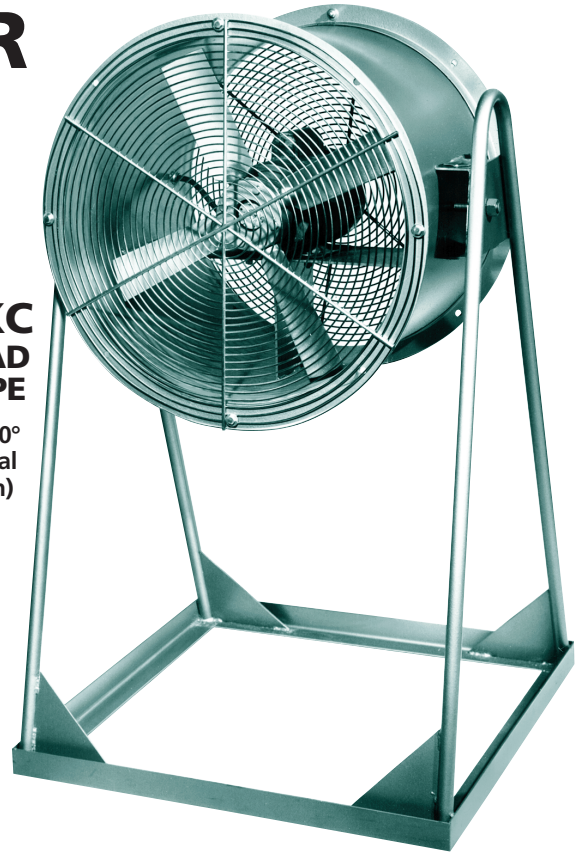
The American Fan Woods industrial duty Mancooler is designed for the severe demands of industries such as steel mills, manufacturing facilities, foundries and the construction trades.

These fans are widely used for cooling employees working in extreme temperatures. Other applications include:

- Elimination of air stratification
- Product cooling
- Welding ventilation
- Spot ventilation
- Smoke Dissipation
- Emergency transformer and equipment cooling

MODEL KC SWIVEL HEAD TYPE

(Head swivels 360°
for directional
ventilation)



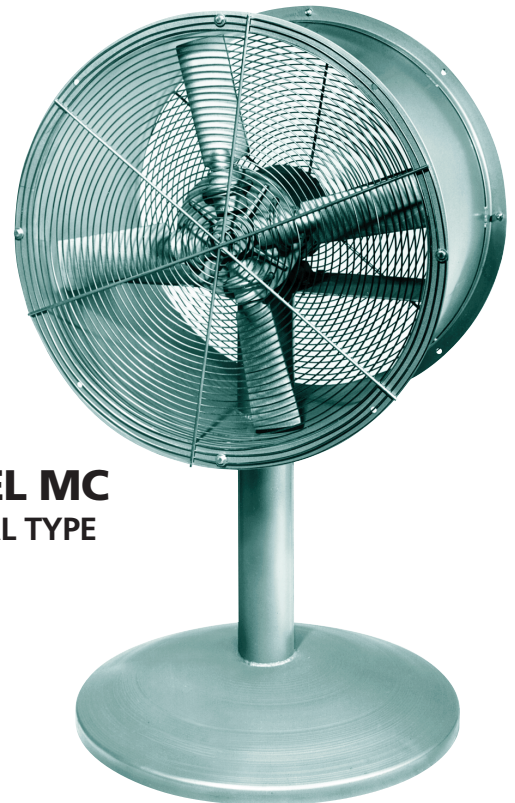
MODEL LC PORTABLE

Optional Accessories

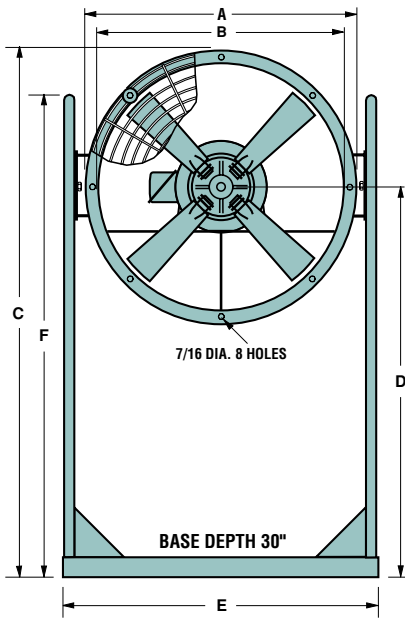
- Motor starters
- Casters for portability
- Stainless or Aluminum construction
- Belt Drive arrangement
- Outlet nozzles for increased outlet velocity

For prices on special or modified units and larger sizes please contact factory or your nearest American Fan Woods representative.

MODEL MC PEDESTAL TYPE

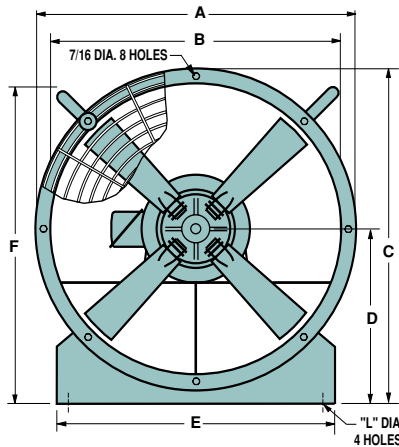


Model KC

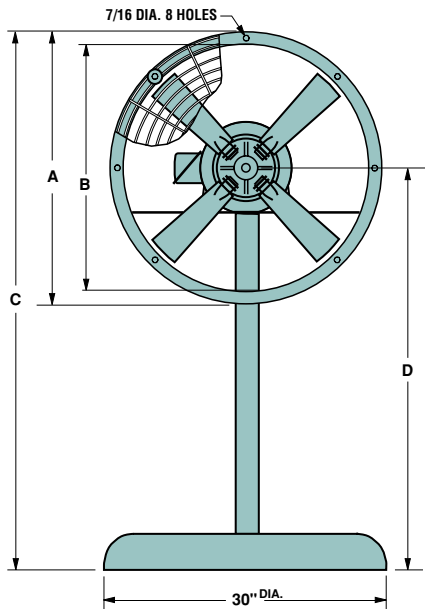


FAN SIZE (INCHES)	PA	HP	RPM	CFM	VELOCITY FPM	FRAME SIZE	ALL DIMENSIONS IN INCHES						TUBE DEPTH	FAN WT. (LBS.)
							A	B	C	D	E	F		
18	30	.50	1140	2800	1500	56	21	18%	50%	39%	31%	47%	18	157
	30	.75	1750	4500	2450	56								157
24	15	.50	1140	5000	1600	56	27½	24%	53%	40	31%	48	20	181
	35	1.0	1140	7000	2150	145T								191
	20	2.0	1750	9000	2800	145T								191
27	20	.75	1140	7300	1800	143T	30½	27%	55%	40	34½	48	20	208
	30	1.5	1140	9300	2300	182T								245
	15	2.0	1150	10000	2450	184T								245
30	25	.75	860	8500	1700	184T	33½	30%	56%	40	37½	48	20	264
	30	1.0	860	9300	1850	182T								264
	30	2.0	1140	12000	2400	184T								264
34	20	1.0	860	11200	1750	182T	37½	34%	58%	40	41½	48	27	300
	30	1.5	860	14400	2250	184T								300
	20	2.0	1140	15500	2400	184T								300
	25	3.0	1140	17500	2700	213T								373
36	15	1.0	860	12500	1750	182T	39½	36%	59%	40	43%	48	27	317
	25	1.5	860	15900	2200	184T								317
	20	3.0	1140	17700	2450	184T								394
	30	5.0	1160	22700	3150	213T								394

Model LC



FAN SIZE (INCHES)	PA	HP	RPM	CFM	VELOCITY FPM	FRAME SIZE	ALL DIMENSIONS IN INCHES						TUBE DEPTH	FAN WT. (LBS.)
							A	B	C	D	E	F		
18	30	.50	1140	2800	1500	56	21	18%	22½	12	18	22¼	18	124
	30	.75	1750	4500	2450	56								124
24	15	.50	1140	5000	1600	56	27½	24%	28%	15	24	27%	20	154
	35	1.0	1140	7000	2150	145T								164
	20	2.0	1750	9000	2800	145T								164
27	20	.75	1140	7300	1800	143T	30½	27%	32¼	17	27	30⅞	20	182
	30	1.5	1140	9300	2300	182T								219
	15	2.0	1150	10000	2450	184T								219
30	25	.75	860	8500	1700	184T	33½	30%	35%	19	30	33½	20	242
	30	1.0	860	9300	1850	182T								242
	30	2.0	1140	12000	2400	184T								242
34	20	1.0	860	11200	1750	182T	37½	34%	39%	21	34	36%	27	282
	30	1.5	860	14400	2250	184T								282
	20	2.0	1140	15500	2400	184T								282
	25	3.0	1140	17500	2700	213T								360
36	15	1.0	860	12500	1750	182T	39½	36%	42%	23	36	39%	27	302
	25	1.5	860	15900	2200	184T								302
	20	3.0	1140	17700	2450	184T								302
	30	5.0	1160	22700	3150	213T								379



Model MC

FAN SIZE (INCHES)	PA	HP	RPM	CFM	VELOCITY FPM	FRAME SIZE	ALL DIMENSIONS IN INCHES				TUBE DEPTH	FAN WT. (LBS.)
							A	B	C	D		
24	15	.50	1140	5000	1600	56	27½	24%	53%	40	20	253
	35	1.0	1140	7000	2150	145T						263
	20	2.0	1750	9000	2800	145T						263
27	20	.75	1140	7300	1800	143T	30½	27%	55%	40	20	274
	30	1.5	1140	9300	2300	182T			56%			41
	15	2.0	1150	10000	2450	184T			328			
30	25	.75	860	8500	1700	184T	33½	30%	57%	41	20	348
	30	1.0	860	9300	1850	182T						333
	30	2.0	1140	12000	2400	184T						348

ACCESSORIES

SUCTION HOSES



Standard	
Part No.	Size
22201	3"
22203	4"
22205	5"
22207	6"



Heavy Duty	
Part No.	Size
22240	3"
22242	4"
22244	5"
22246	6"



Metal Flex	
Part No.	Size
22253	3"
22254	4"
22255	5"
22256	6"

"Y" BRANCHES



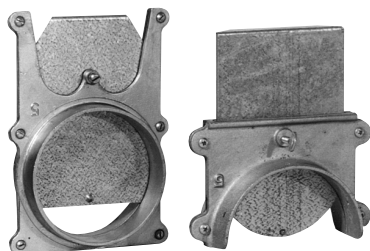
Part No.	Size
22216	7" x 5" x 5"
22215	6" x 5" x 5"
22249	6" x 4" x 4"
22250	6" x 3" x 3"
22214	5" x 4" x 4"
22251	5" x 3" x 3"

SUCTION NOZZLES



Part No.	Size
22217	3" x 7" to 4" dia.
22218	4" x 8" to 5" dia.
22219	5" x 10" to 6" dia.

FULL & HALF CUT-OFFS



FULL		HALF.	
Part No.	Part No.	Part No.	Size
21952	21951	21951	3"
21953	21931	21931	4"
21954	21940	21940	5"
21955	21941	21941	6"
21956	21942	21942	7"
21957	21943	21943	8"
21958	21945	21945	10"
21992	21944	21944	12"

HOSE CLAMPS



Part No.	Size
22210	3" Dia.
22211	4" Dia.
22212	5" Dia.
22213	6" Dia.
22237	8" Dia.

HOSE CONNECTORS



Part No.	Size
22257	3" Hose
22258	4" Hose
22259	5" Hose
22260	6" Hose
22261	8" Hose

REDUCERS



Part No.	Size
22225	4" to 3"
22224	5" to 4"
22223	5" to 3"
22221	6" to 5"
22222	6" to 4"
22220	7" to 6"
22252	7" to 5"

CC DUST BAGS

Part No. 24601 — CC-8 & 9
 Part No. 24602 — CC-10 & 12
 Part No. 24603 — CC-14

DC DUST BAGS

Part No. 24656 — DC-8 & 9
 Part No. 24604 — DC-10, 11, 12, & 13

4 WHEEL STEEL DOLLY



Part 24650 —
 Fits 55 Gal. Drum
 (all DC Units)

HOOD MAGNETS



Part 22273 —
 (to attach to suction nozzles)



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