

Canfilters Group Inc.
Filters, Fans and Accessories

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| BOOK |



canfilters.com

Canfilters Group Inc.

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CanFilters BV
Manufacturing
Distribution

Ameide Holland

Sacramento

Distribution



Canfilters Group Inc.

Filters

Can-Filters
38-Special
Can-Lite
Max-Filter

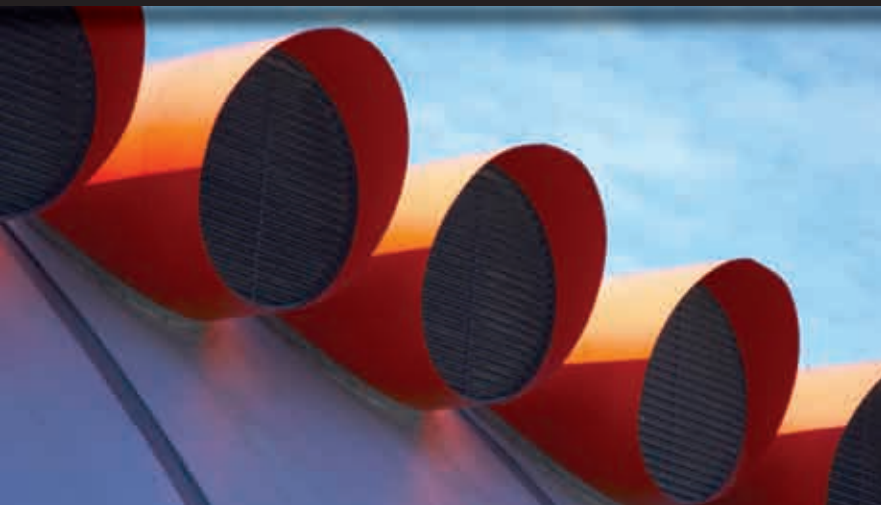
Fans

Max-Fan
Can-Fan

Accessories

Backdraft Dampers
Pre-Filters
Flanges
Finger Guards
Mufflers
Speed Control

canfilters.com



Canfilters Group Inc. Terms and Conditions of Business

Pricing: Subject to change without notice.

Product: We reserve the right to change, modify or improve our products at any time without notice. Information contained in this product book is subject to change at any time. All data is as accurate as possible at the time of printing.

Purchase Orders: Purchase Orders must be either faxed or emailed. No phone orders please.

Return Merchandise Authorization: (*Warranty / Defective Merchandise*) If you have a product that needs to be returned to us, please contact our Administration Office at 800-825-4288 ext. 2 or send the request by fax 250-825-2723 or email. Please list all products you wish to return and the reason for the return for each item. When contacting us for an RMA be prepared to tell us the original invoice that a product was purchased on. Every product returned requires an RMA number. Shortly after you contact us you will receive a written RMA confirmation via email or fax. Please do not send back ANY items not part of your original RMA. You will need to call us for a new RMA if you have additional items that you want to send back. Your written RMA confirmation will include shipping instructions. Compensation for merchandise will be credited to the customers account. No cash refunds.

Warranty: Can-Fans™ and Max-Fans™ are warranted against defects in material and workmanship for a period of five (5) years from date of purchase.

Warranty Does Not Apply To:

- (a) Shipping damage, either concealed or visible. Claims must be filed with carrier.
- (b) Damage caused by improper installation, wiring, or connection to incorrect electrical voltage.
- (c) Goods that have been modified or altered.
- (d) Damage caused by corrosion, abrasion, or severe temperatures.
- (e) Goods that have had identification labels removed or altered.
- (f) Goods that have been subjected to improper maintenance, abuse, misuse, abnormal usage, or accident.
- (g) Warranty does not cover the cost of removal or reinstallation of a unit when service or warranty work is required.
- (h) Installation of a unit is by others. Warranty does not cover faulty installation or damage to personal property resulting from incorrect or faulty installation.

These warranties give specific legal rights and are subject to any applicable consumer protection legislation. Additional rights, which may vary according to local jurisdiction, may also apply. No other warranties, expressed, implied or written, shall apply to these goods. No responsibility will be accepted for any consequential or incidental damages, loss of property, revenues or profit, cost of removal, installation or re-installation, personal damage or loss of life, or for any breach of warranty, regardless of cause.

Merchandise Returns: (*Non moving stock, etc.*)

At our discretion we may accept returned merchandise. We will only take back new, unused merchandise in resalable condition. Products being returned will be assessed a minimum 15% restocking fee to cover administrative costs, labor, replacement packaging, etc. Product must be in its' original packaging. Collect shipments of returned goods will not be accepted. All product must be properly packed and shipped prepaid. RMA number must be clearly written on the outside of packaging and a copy of the RMA letter must be included. A copy of the original Bill of Sale to verify purchase date must be included. If merchandise is received back in condition other than described

above or if it is damaged in shipment, we will be unable to give credit on the merchandise. Return items must be a current model and less than one year since purchase. The return of any special, non-stock, obsolete, or non-saleable merchandise will not be accepted. Compensation for returned merchandise will be credited to the customers account. No cash refunds.

Freight:

F.O.B. Sacramento, CA.: Freight is prepaid on all orders over your free freight minimum as noted on your credit application. On all orders under your free freight minimum, freight charges will be prepaid by Can USA and added to the invoice.

Freight Damage and Shortages: All claims must be made with the carrier. At the time of delivery, make sure there is no damage or any shortages. If there is, it must be noted on the Delivery Receipt at the time of delivery. If time does not permit you to inspect the shipment at the time of delivery, note on the bill of lading "subject to count & inspection" before signing for the order.

If the Bill of Lading is signed as complete / undamaged and at a later point damage or shortages are found, you will be unable to receive compensation.

C.O.D. Fees: Accounts with C.O.D. terms will be charged the fees assessed by the carrier associated the C.O.D. shipments.

Will Call: Authorized dealers may will-call orders at our distribution centers, all orders should be submitted on a Purchase Order. Sales office hours are Monday through Wednesday 8:00 am to 4:30 pm and Thursday 8:00 am to 2:00 pm. If you have a sales matter that requires attention outside of these hours you can reach our Sales Reps at the following numbers: Dennis Langlois 250-354-2993 or Brandon Arcuri 250-551-3843. Warehouse hours are 7:00 am to 3:30 pm. All times are Pacific Time Zone.

Financial Terms: New accounts must fill out credit application and agree to allow Can USA to check vendor references. New accounts will be on a Cash in Advance (CIA) basis for first orders.

- (a) We do not accept credit cards.
- (b) A 2% per month service charge is assessed for all invoices over 30 days.
- (c) Can USA reserves the right to place the debtor on "Stop Ship" or Prepaid without notice, in event of default, remittance(s) without sufficient funds (NSF) or for any other reason. A \$40.00 service fee will be assessed for all NSF checks.
- (d) Orders to accounts with past due balances will be held until the account becomes current even if the account is under the established credit limit.
- (e) Payments must be received by Can USA in order for held orders to be released. Verbal assurances the check has been sent will not cause held orders to be released. In this situation, please consider sending a check overnight to expedite shipment of a future order.
- (f) Accounts with balances aged over 90 days will be turned over for collection. All collection costs and attorney fees will be incurred by the client if they are not paid as agreed. These fees will be 25 – 50% of the principal, depending on if the collection goes to court or not.
- (g) If you require a significant credit line with us, we may require a copy of a customers financial statements to evaluate prior to granting credit.

Note: Legal title & ownership of merchandise supplied by Can USA does not transfer to a customer until the goods are paid for in full. The merchandise remains the property & collateral of Can USA until full payment has been received.

About Canfilters Group

The CF Group was incorporated in 2000 as a North American Manufacturing and Distribution company. Part of our strength extends from our alliances with world class manufacturers who bring research and development capabilities to the mix. The CF Group has manufacturing and distribution in: Montreal Quebec, Nelson BC, and Sacramento California.

Our alliances bring additional manufacturing facilities in Holland, Germany and Romania.

Our long term approach to business requires our commitment to quality control, innovation, and smooth distribution. Recognition of market demands and a willingness to work with you, the customer.



The Original **Can-Filters®** L'authentique

Applications:

- VOC Removal
- Pollution Control
- Paint Booth
- Greenhouses
- Laboratories
- Airports
- Manufacturing
- Waste Disposal
- Hair Salons
- Clean Rooms
- Hospitals
- Fabrication
- Cafeterias
- Schools
- Locker Rooms
- Pet Odours



The Can Filters Original is designed for the control of VOCs (paint fumes, hydrocarbons, etc...), odors, and other gaseous contaminants. Built with a proven Packed Bed Design and Pelletized Virgin Activated Carbon. This line of time tested Activated Carbon Air Filters sets the standard for Long Life, Consistent Performance, and Low Pressure Drop. Rated at a conservative 0.1 sec Contact Time, Can-Filters Original provides excellent value and confidence.

**...this...sets the standard for
Long Life, Consistent Performance,
and Low Pressure Drop.**

40 cm 16" (Activated Carbon Air Filters)

Can 150

Recommended Exhaust CFM: 1260 CFM / 2100m³/h @ 0.1 sec contact time

Prefilter: Yes

Flange: 10" - 12" - 14"

Dimensions: (with pre-filter)

- Outside Diameter: 42cm / 16.5"
- Height: 150cm / 60"

Total Weight: 71kg / 156lbs

Carbon Weight: 56kg / 123lbs

Carbon Bed Depth: 6.5cm / 2.56"

Max Operating Temp: 80°C

Pressure drop at max CFM: 180pa / .75"wg

Recommended Fan:

FAN	Filtered Air CFM	Watts
16" MaxFan	1410	322
14" MaxFan	1230	250
12" MaxFan	1440	480
12" CanFan HO	888	290
10" MaxFan	907	227



Can-Filters



Can 125

Recommended Exhaust CFM: 1020 CFM / 1700m³/h @ 0.1 sec contact time

Prefilter: Yes

Flange: 8" - 10" - 12" - 14"

Dimensions: (with pre-filter)

- Outside Diameter: 42cm / 16.5"
- Height: 125cm / 49.2"

Weight: 58.6kg / 129lbs.

Carbon Weight: 48.6kg / 103lbs.

Carbon Bed Depth: 6.5cm / 2.56"

Max Operating Temp: 80°C

Pressure drop at max CFM: 180pa / .75"wg

Recommended Fan:

FAN	Filtered Air CFM	Watts
14" MaxFan	1120	248
12" MaxFan	1340	487
12" CanFan HO	862	300
10" MaxFan	879	227
10" CanFan HO	670	260
8" MaxFan	598	166





Can 100

Recommended Exhaust CFM: 840 CFM / 1400m³h @ 0.1 sec contact time

Pre-filter: Yes

Flange: 8" - 10" - 12"

Dimensions: (with pre-filter)

- Outside Diameter: 42cm / 16.5"
- Height: 100cm / 39.4"

Weight: 47kg / 103lbs.

Carbon Weight: 37kg / 81.5lbs.

Carbon Bed Depth: 6.5cm / 2.56"

Max Operating Temp: 80°C

Pressure drop at max cfm: 180pa / .75"wg

Recommended Fan:

	Filtered Air	
FAN	CFM	Watts
14" MaxFan	958	240
12" MaxFan	1260	488
12" CanFan HO	825	310
10" MaxFan	834	228
10" CanFan HO	641	267
8" MaxFan	580	165
8" CanFan HO	600	278



Can 75

Recommended Exhaust CFM: 600 CFM / 1000m³h @ 0.1 sec contact time

Pre-filter: Yes

Flange: 6" - 8" - 10" - 12"

Dimensions: (with pre-filter)

- Outside Diameter: 42cm / 16.5"
- Height: 75cm / 29.5"

Total Weight: 36kg / 79lbs.

Carbon Weight: 28kg / 61.6lbs.

Carbon Bed Depth: 6.5cm / 2.56"

Max Operating Temp: 80°C

Pressure drop at max CFM: 180pa / .75"wg

Recommended Fan:

	Filtered Air	
FAN	CFM	Watts
12" MaxFan	1080	475
10" MaxFan	747	225
10" CanFan HO	595	270
8" MaxFan	550	162
8" CanFan HO	550	280
8" CanFan	407	130
6" CanFan HO	338	136

Made in North America

This seal is to show our commitment to North American standards of manufacturing quality.



Our products have been tested and continue to be tested to provide consistent performance and value. Our supply of virgin activated carbons is checked upon receipt to make sure that the specifications are met. Production process is reviewed to maintain the rigorous standards we set for all of the products we make. From the raw materials to the finished goods, we have built a reputation for quality.

Can 50

Recommended Exhaust CFM: 420 CFM / 713m³h

@ 0.1 sec contact time

Pre-filter: Yes

Flange: 6" - 8" - 10"

Dimensions: (with pre-filter)

- Outside Diameter: 42cm / 16.5"
- Height: 50cm / 19.7"

Total Weight: 25kg / 55lbs.

Carbon Weight: 19kg / 42lbs.

Carbon Bed Depth: 6.5cm / 2.56"

Max Operating Temp: 80°C

Pressure drop at max CFM: 180pa / .75"wg

Recommended Fan:

FAN	Filtered Air CFM	Watts
10" MaxFan	572	212
10" CanFan HO	515	280
8" MaxFan	478	152
8" CanFan HO	475	285
8" CanFan	365	134
6" CanFan HO	312	137



30 cm (12") Activated Carbon Airfilters



Can 66

Recommended Exhaust CFM: 412 CFM / 700m³h @ 0.1 sec contact time

Prefilter: Yes

Flange: 6" - 8" - 10"

Dimensions: (with pre-filter)

- Outside Diameter: 30cm / 12"
- Height: 66cm / 26"

Total Weight: 20kg / 44lbs.

Carbon Weight: 14kg / 31lbs.

Carbon Bed Depth: 5cm / 2"

Max Operating Temp: 80°C

Pressure drop at max CFM: 180pa / .75"wg

Recommended Fan:

	Filtered Air	
FAN	CFM	Watts
10" MaxFan	572	212
10" CanFan HO	515	280
8" MaxFan	478	152
8" CanFan HO	475	285
8" CanFan	365	134
6" CanFan HO	312	137



Can 33

Recommended Exhaust CFM: 200 CFM / 350m³h @ 0.1 sec contact time

Prefilter: Yes

Flange: 4" - 6"

Dimensions: (with pre-filter)

- Outside Diameter: 30.5cm / 12"
- Height: 33cm / 13"

Total Weight: 11.5kg / 25.3lbs.

Carbon Weight: 7.5kg / 16.5lbs.

Carbon Bed Depth: 5cm / 2"

Max Operating Temp: 80°C

Pressure drop at max CFM: 180pa / .75"wg

Recommended Fan:

	Filtered Air	
FAN	CFM	Watts
6" CanFan HO	232	137
6" CanFan	178	81
4" CanFan HO	130	78

Can 99

Recommended Exhaust CFM: 618 CFM / 350m³h
@ 0.1 sec contact time

Prefilter: Yes

Flange: 6" - 8"

Dimensions: (with pre-filter)

- Outside Diameter: 30.5cm / 12"
- Height: 99.1cm / 39"

Total Weight: 27.8 kg / 61 lbs.

Carbon Weight: 11.5kg / 25.3 lbs.

Carbon Bed Depth: 5cm / 2"

Max Operating Temp: 80°C

Pressure drop at max CFM: 180pa / .75"wg

Recommended Fan:

	Filtered Air	
FAN	CFM	Watts
8" Max Fan	522	159
8" CanFan	382	133
6" CanFan HO	322	137



Small Plastic Body Filter



Can 705

Recommended Exhaust CFM: 13 CFM /
22m³h @ 0.1 sec contact time.

Prefilter: Optional

Mounting: Screw on or Snap on

Dimensions:

- Outside Diameter: 11cm / 4.32"
- Height: 29cm / 11.4"

Total Weight: .82kg / 1.80lbs.

Carbon Weight: .5kg / 1.1lbs.

Combine Can 705 for specific uses.

Plates range from 8 filters to 24 filters.

14 cm (5.5") Activated Carbon Airfilters



Can 9000

Recommended Exhaust CFM: 55 CFM / 93 m³h @ 0.1 sec contact time
Light Commercial Use: 110 CFM / 186 m³h @ .05 sec contact time
Prefilter: Yes
Mounting: Bayonet or Regular
Flange: 4"
Dimensions: (with pre-filter)
 • Outside Diameter: 14cm / 5.5"
 • Height: 60cm / 25"
Total Weight: 5.5kg / 12lbs.
Carbon Weight: 3kg / 6.6lbs.
Recommended Fan:

FAN	Filtered Air CFM	Watts
4" CanFan HO	114	76
4" CanFan	94	63
6" Axial (Computer Fan)	86	N/A
4" Axial (Computer Fan*)	47	N/A

*120 mm x 120mm



Can 2600

Recommended Exhaust CFM: 42 CFM / 71m³h @ 0.1 sec contact time
Light Commercial Use: 84 CFM / 142 m³h @ .05 sec contact time
Prefilter: Yes
Mounting: Bayonet or Regular
Flange: 4"
Dimensions: (with pre-filter)
 • Outside Diameter: 14cm / 5.5"
 • Height: 45.3cm / 18"
Total Weight: 4.5kg / 9lbs.
Carbon Weight: 2.1kg / 4.63lbs
Pressure drop at max CFM: 42pa/ .20"wg
Recommended Fan:

FAN	Filtered Air CFM	Watts
4" CanFan	88	62
6" Axial (Computer Fan)	79	N/A
4" Axial (Computer Fan*)	39	N/A

*120 mm x 120mm

The Max-Filter,
Built to handle up to 20" fans,
with higher airflows,
lower resistance and longer life.



The Max-Filter starts with our best virgin activated carbon, 40% more capacity by weight than our standard CKV-4 and finishes with our commitment to quality.

Max-Filter
means maximum performance.



Max 4500

Flange: 16" - 18" - 20"

Dimensions: (with pre-filter)

- Outside Diameter: 60 cm / 24"
- Height: 125 cm / 48"

Total Weight: 95.5 kg / 210 lbs.

Carbon Weight: 82 kg / 180 lbs.

Carbon Bed Depth: 7.8cm / 3"

Max 3500

Flange: 14" - 16" - 18"

Dimensions: (with pre-filter)

- Outside Diameter: 55 cm / 22"
- Height: 125 cm / 48"

Total Weight: 82 kg / 180 lbs.

Carbon Weight: 64 kg / 140 lbs.

Carbon Bed Depth: 6.5cm / 2.5"

Max 2500

Recommended Exhaust CFM: 1250 CFM/
2100m³h @ 0.1 sec contact time

Pre-filter: Yes

Flange: 8" - 10" - 12"

Dimensions: (with pre-filter)

- Outside Diameter: 50 cm / 20"
- Height: 100 cm / 39.4"

Total Weight: 47 kg / 103 lbs.

Carbon Weight: 37 kg / 81.5 lbs.

Carbon Bed Depth: 6.5cm / 2.5"

Max Operating Temp: 80°C

Pressure drop at max CFM: 180pa / .75"wg

Recommended Fan:

	Filtered Air	
FAN	CFM	Watts
16" MaxFan	1410	322
14" MaxFan	1230	250
12" MaxFan	1440	480
12" CanFan HO	888	290
10" MaxFan	907	227



38-Special



The 38-Special series has been designed and manufactured with the same proven, packed bed design, proper carbon for the job and solid steel shell as the Original Can-Filter. With the exception of the carbon bed (wall) thickness the 38-Special is identical to the Original Can-Filter.

The Original Can-Filter has a 2.5 inch carbon bed thickness. The 38-Special has a 2 inch carbon bed thickness.

The 38-Special provides superior performance with higher air flow ratings, less weight, cheaper price and an effective contact time of .08 seconds in contact compared to competing brands.

Series consists of a 38-Special - 150 - 125 - 100 - 75 - 50 - 33 cm models.

The 38 Special is designed for commercial and light industrial odor and pollution control. Rated at 0.08 sec. contact time at max CFM.



38 cm (14.5") Activated Carbon Airfilters



Can 150

Recommended Max CFM: 1260 CFM

Min CFM: 630 CFM

Flange: 10" - 12"

Outside Diameter: 38cm / 15"

Height: 150cm / 59"

Total Weight: 138 lbs

Carbon Bed: 2"

Recommended Fan:

FAN	Filtered Air CFM	Watts
16" MaxFan	1410	322
14" MaxFan	1230	250
12" MaxFan	1440	480
12" CanFan HO	888	290
10" MaxFan	907	227



Can 125

Recommended Max CFM: 1020 CFM

Min CFM: 510 CFM

Flange: 8" - 10"

Outside Diameter: 38cm / 15"

Height: 125cm / 49"

Total Weight: 113 lbs

Carbon Bed: 2"

Recommended Fan:

FAN	Filtered Air CFM	Watts
14" MaxFan	1120	248
12" MaxFan	1340	487
12" CanFan HO	862	300
10" MaxFan	879	227
10" CanFan HO	670	260
8" MaxFan	598	166





Can 75

Recommended Max CFM: 600 CFM
Min CFM: 300 CFM
Flange: 6" - 8"
Outside Diameter: 38cm / 15"
Height: 75cm / 29.5"
Total Weight: 32.3 / 71lbs.
Carbon Bed: 51 mm / 2"
Recommended Fan:

Filtered Air		
FAN	CFM	Watts
10" CanFan HO	598	283
8" MaxFan	576	179
8" CanFan HO	570	283
8" CanFan	418	139
6" CanFan HO	386	138



Can 100

Recommended Max CFM: 840 CFM
Min CFM: 420 CFM
Flange: 8" - 10" - 12"
Outside Diameter: 38cm / 15"
Height: 100cm / 39.5"
Total Weight: 91 lbs.
Carbon Bed: 2"
Recommended Fan:

Filtered Air		
FAN	CFM	Watts
12" CanFan HO	821	365
10" MaxFan	851	228
10" CanFan HO	654	283
8" MaxFan	617	179
8" CanFan HO	634	283



Can 50

Recommended Max CFM: 420 CFM
Min CFM: 210 CFM
Flange: 6" - 8" - 10"
Outside Diameter: 38cm / 15"
Height: 50cm / 19.5"
Total Weight: 47lbs.
Carbon Bed: 2.5"
Recommended Fan:

Filtered Air		
FAN	CFM	Watts
10" CanFan	375	142
8" CanFan	357	139
6" CanFan HO	306	138

The Original **Can-Lite™** L'authentique



The CF Group has proudly placed our trusted name in air filtration on the new series of filters. The Can-Lite has been developed with ease of installation, durability and effectiveness in mind. The Can-Lite is manufactured the same way as the Original Can-Filter (*proven packed bed design*). The difference is in the carbon; special low density carbon is used in the Can-Lite. The Can-Lite is available in the 1400 model.

Can-Lite 1400

Recommended Max Recirculating CFM:

1400 CFM

Pre-filter: Yes

Flange: 8" - 10"

Dimensions: (with pre-filter)

- Outside Diameter: 37cm / 14.57"
- Height: 100cm / 39.37"

Total Weight: 11.5kg / 25.3lbs.

Carbon Weight: 22.7kg / 50lbs.

Carbon Bed Depth: 2"

Max Operating Temp: 80°C / 176°F

F.A.Q.'s

How do I install a Flange?

To install the flange to the filter – take the flange and gasket tape with screws included out of the package, fasten the foam gasket tape to the underside of the flange by removing the sticky tape. The tape will fit right around the circumference of the bottom of the flange closer to the inside edge. Once the gasket tape is installed, center the flange on the top of the filter, use the 6 tek screws to fasten the flange to top of the filter. Be sure not to torque the screws too much as air will pass through the gaps. *You can purchase a flange separate from your filter and fan or have it come with everything in a Box Combo.*

How much CFM is lost through the filter?

Each different size filter has a different resistance depending on the size and style of the fan that you put on it. A filter at the maximum exhaust CFM rating has approximately 0.7" wg. pressure drop. All fans, will have a lower CFM at a higher pressure.

For example at .5"wg:

The 10" Max-Fan goes from **1019 CFM** to **885 CFM**; The 12" Max-Fan would go from **1708 CFM** to **1595 CFM**.

- Typical (**Can-Fan**) centrifugal fans lose approximately 20% of their air flow through a filter.
- Some less costly fans lose 40% – 60% of their air flow through a filter.
- Mixed flow inline fans (**Max-Fan**) lose 7–15% of their air flow through a filter.

Do I need to replace the pre-filter?

It is a good idea to replace the pre-filter when they become dirty. A dirty pre-filter increases the pressure drop, which will decrease the air flow through the filter.

Can my filter be refilled?

Technically the filter can be re-filled, but it is not a good idea to self-fill the filters. The reason for this, is that, Can-Filters has the equipment and facilities to provide a true packed bed filter. This is not possible at home. The packed bed eliminates the possibility of preferred air channels through the filter, because as we all know, air does not wait in line to go through a filter, it finds the path of least resistance.

What is the Maximum Temperature / Humidity I can run my filter at?

The maximum recommended temperature that you can run your filter at is **80 Degrees Centigrade**, and as soon as you start rising above **70% humidity**, the water molecules in the air start to get stuck in the carbon pore structure and slowly diminish the life of the filter.

How long does the filter last?

The life of a filter is determined by the concentration of the contaminant, the relative humidity and the volume of air being cleaned. Unfortunately, there is no indicator light on the filter that tells you when it is ready to be replaced. **Typically 12 – 18 months is expected of the Original Can-Filter.**

Can-Filters Packed Bed Design assures long life, no maintenance, and consistent performance.

Instructional videos at *canfilters.com*

Is there a calculation for sizing a room?

Yes there is, and, it's really quite simple: calculate the cubic feet of the room (**Length x Width x Height**) and divide that number by the number of minutes you would like to exchange the air in the room (**1 – 3 minutes is recommended**) that gives you the recommended minimum CFM that you need for that room.

Is my fan Speed Controllable?

Yes all of our fans are speed controllable.
*Note: *Fans running too slowly may overheat, causing the fan to turn off.*

The 12" Max-Fan requires the use of our variable transformer control.

Only use a speed or motor control of the proper amperage to adjust the speed of the fans. **Never use a light dimmer.**

Can I push or pull through the filter?

You can both pull through the filter or push air through the filter. If you are going to push air through the filter it is recommended to take off the outer pre-filter and place the pre filter prior to the air entering the carbon bed.

How do I size the proper fan to a filter?

The same formula for sizing a room works to size a fan to a filter and a filter to a room (**Length x Width x Height**) gives your cubic feet and then divide that number by the number of minutes you would like the air to be exchanged in that room (**1 – 3 minutes is recommended!!**) and that will give you the recommended minimum CFM that you need for that room, then you take that min CFM number and match it to one of our filters.

What is the warranty on the filters and fans?

Can-Fans and Max-Fans are warranted against defects in material and workmanship for a period of 5 years from the date of purchase.

Filter products are warranted against defects in material and workmanship for a period of 1 year from the date of purchase.

See terms and conditions of business.





Max-Fan

MEET

FAN MODEL	RPM	VOLTS	MAX WATTS	MAX AMPS	0"	.125"	.25"	.375"	.5"	.75"	1.0"	1.25"	1.5"	MAX in. wg	DUCT DIA.
8" MAX 667 CFM	3250	120	179	1.5	667	650	630	610	585	520	420	150	100	1.84	8"
12" MAX 1708 CFM	3374	120	489	4.1	1708	1680	1655	1630	1595	1530	1460	1380	1300	3.34	12"

6"-30" 500-12,000 CFM

The Max-Fan Advantage.....Smooth Straight Air

Max-Fan – Saves Energy

- extremely energy efficient
- lower life time cost
- cost of energy is 70-90% of life time cost

Max-Fan – Saves Space

- small airtight housing
- easy installation
- light weight
- lower transport cost

Max-Fan – Is Quiet

- very high aerodynamic efficiency
- optimized mixed flow is quieter than other fans of the same size



8 Inch Max Fan

CFM	667 at 0wg
RPM	3250
Max Watts	179
Amps	1.5 @ 120 VAC 60 Hz
Sones	
Diameter	8"
Length	8 7/8"
Blade Design	Mixed Flow
Housing	Plastic
Inlet/Outlet	8"



12 Inch Max Fan

CFM	1708 at 0wg
RPM	3374
Max Watts	489
Amps	4.1 @ 120 VAC 60 Hz
Sones	
Diameter	12"
Length	12 1/8"
Blade Design	Mixed Flow
Housing	Galvanized
Inlet/Outlet	12"

MAX

November 2008
Catalogue # MF02



Max-Fan

FAN MODEL	RPM	VOLTS	MAX WATTS	MAX AMPS	0"	.125"	.25"	.375"	.5"*	.75"*	1.0"	1.25"	1.5"	MAX in. wg	DUCT DIA.
10" MAX 1019 CFM	2990	115	228	1.9	1019	985	950	920	885	815	705	535	155	1.74	10"
14" MAX 1700 CFM	1700	115	253	2.1	1700	1630	1560	1480	1400	1180	240	N/A	N/A	1.19	14"



Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories). * Static Pressure at 0 W.G.

CF Group Inc. certifies that the models shown here are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and 311 and comply with the requirements of the AMCA Certified Ratings Program. This applies only to the Max 10" and Max 14".



10 Inch Max Fan

CFM	1019 at 0wg
RPM	2990
Max Watts	228
Amps	1.9 @ 120 VAC 60 Hz
Sones	11.5 at 0.10wg
Diameter	10"
Length	8 1/2"
Blade Design	Mixed Flow
Housing	Galvanized
Inlet/Outlet	10"



14 Inch Max Fan

Quiet Line 10 Sone

CFM	1700 at 0wg
RPM	1700
Max Watts	253
Amps	2.1 @ 120 VAC 60 Hz
Sones	10 at 0.10wg
Diameter	14"
Length	15 3/4"
Blade Design	Mixed Flow
Housing	Galvanized
Inlet/Outlet	14"

16" - 18" - 20" Max-Fan Models 240 VAC

The Max-Fan family has been designed to be the smallest, lightest and most energy efficient fan of its kind. With the current cost of electricity the Max-Fan can save 100's of dollars every year.

**Demand the very Best
Accept No Imitations**



16 Inch Max Fan

CFM	2436 at 0wg
RPM	1680
Max Watts	347
Amps	1.5 @ 240 VAC 60 Hz
Max AmbientTemp	80°C / 176°F
Diameter	16"
Length	16 ³ / ₈ "
Blade Design	Mixed Flow
Housing	Aluminum
Inlet/Outlet	16"



18 Inch Max Fan

CFM	3665 at 0wg
RPM	1680
Max Watts	700
Amps	3 @ 240 VAC 60 Hz
Max AmbientTemp	80°C / 176°F
Diameter	18"
Length	18 ³ / ₈ "
Blade Design	Mixed Flow
Housing	Aluminum
Inlet/Outlet	18"



20 Inch Max Fan

CFM	4688 at 0wg
RPM	1490
Max Watts	1073
Amps	4.5 @ 240 VAC 60 Hz
Max AmbientTemp	50°C / 122°F
Diameter	20"
Length	20 ³ / ₈ "
Blade Design	Mixed Flow
Housing	Aluminum
Inlet/Outlet	20"



Max-Fan



The RS Series
Inline tube fan,
durable powder
coated steel
housing, reverse
curve impeller.



The RS family of inline exhaust fans provide the power and flexibility needed for residential and commercial applications. The RS inline is available in sizes 4" through 12" in both standard and high output. The RS series all utilize the extremely reliable external rotor motor and reverse curve blade, available with 6" pre-wired cord.

The Can-Fan series come equipped with the extremely reliable external rotor motors.

100% Speed Controllable • 5 year warranty



Can-Fan



CF1 November 2007

FAN MODEL	RPM	VOLTS	MAX WATTS	MAX AMPS	0"	.125"	.25"	.375"	.5"	.75"	1.0"	1.25"	1.5"	MAX PS.	DUCT DIA.	SONES
4"	2640	115	68	0.69	123	113	104	94	85	69	54	35	11	1.65	4"	4
4"HO	2600	115	78	1.15	155	145	135	125	114	94	74	53	24	1.73	4"	5.5
6"	2750	115	82	0.69	269	249	228	206	185	148	115	80	37	1.72	6"	6
6"HO	2940	115	138	1.15	392	371	348	324	301	260	230	179	139	2.08	6"	12
8"	2950	115	139	1.16	483	455	433	405	377	320	264	209	153	2.16	8"	10
8"HO	2950	115	283	2.36	722	684	647	610	573	498	442	324	316	3.2	8"	10.5
10"	2750	115	142	1.19	495	472	448	423	397	347	292	267	187	2.37	10"	10.5
10"HO	2760	115	283	2.36	761	734	701	665	629	568	505	435	368	3.14	10"	13.5
12"	2860	115	286	2.39	874	843	811	779	746	677	597	555	445	3.22	12"	15.5
12"HO	3130	115	365	3.04	975	948	921	892	864	808	751	692	633	3.44	12"	16

Performance shown is for installation type D - Ducted inlet, Ducted outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings do not include the effects of appurtenances in the airstream. = Static Pressure in Inches W.G.

CF Group Inc. certifies that the Can-Fan® Series shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

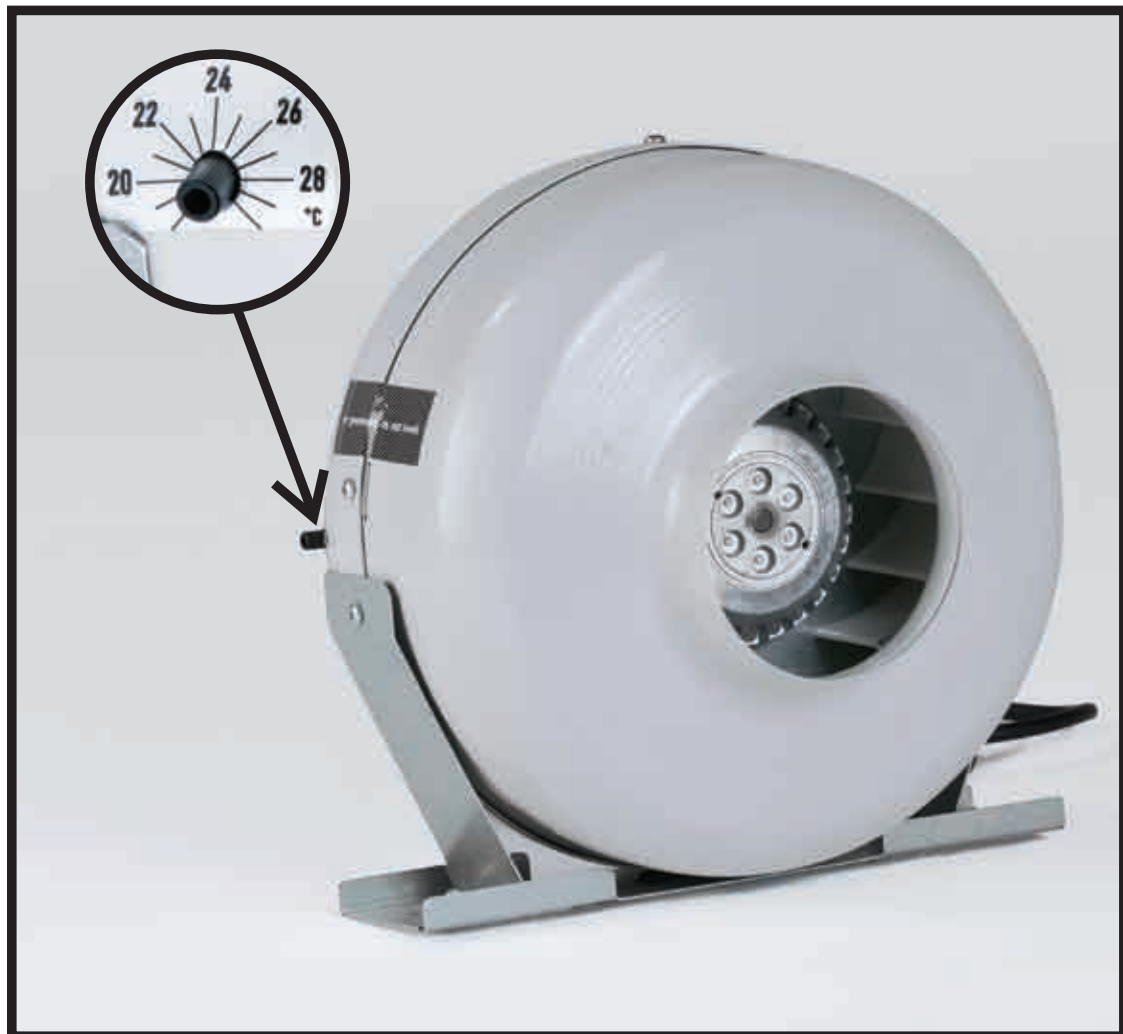


CAN-FAN[®] THERMOSTATICALLY CONTROLLED CENTRIFUGAL FANS

This thermostatic fan, has an integrated sensor inside of the fan to sense the temperature of the airflow every 1.5 minutes. When the airflow temperature is warmer than the dial setting, the fan will automatically speed up.

If the air flow is cooler then the set point, the fan will automatically slow down.

This fan will maintain air flow at the low speed until higher speed is required. No remote sensors no problem!



4" Thermostatically Controlled Fan

CFM	161 at 0wg
RPM	3294
Max Watts	80
Amps	.3 @ 240 VAC
Sones	5.5
Diameter	11.26"
Length	8.2"
Blade Design	Reverse Curve
Housing	Powder Coated
Inlet/Outlet	4"

6" Thermostatically Controlled Fan

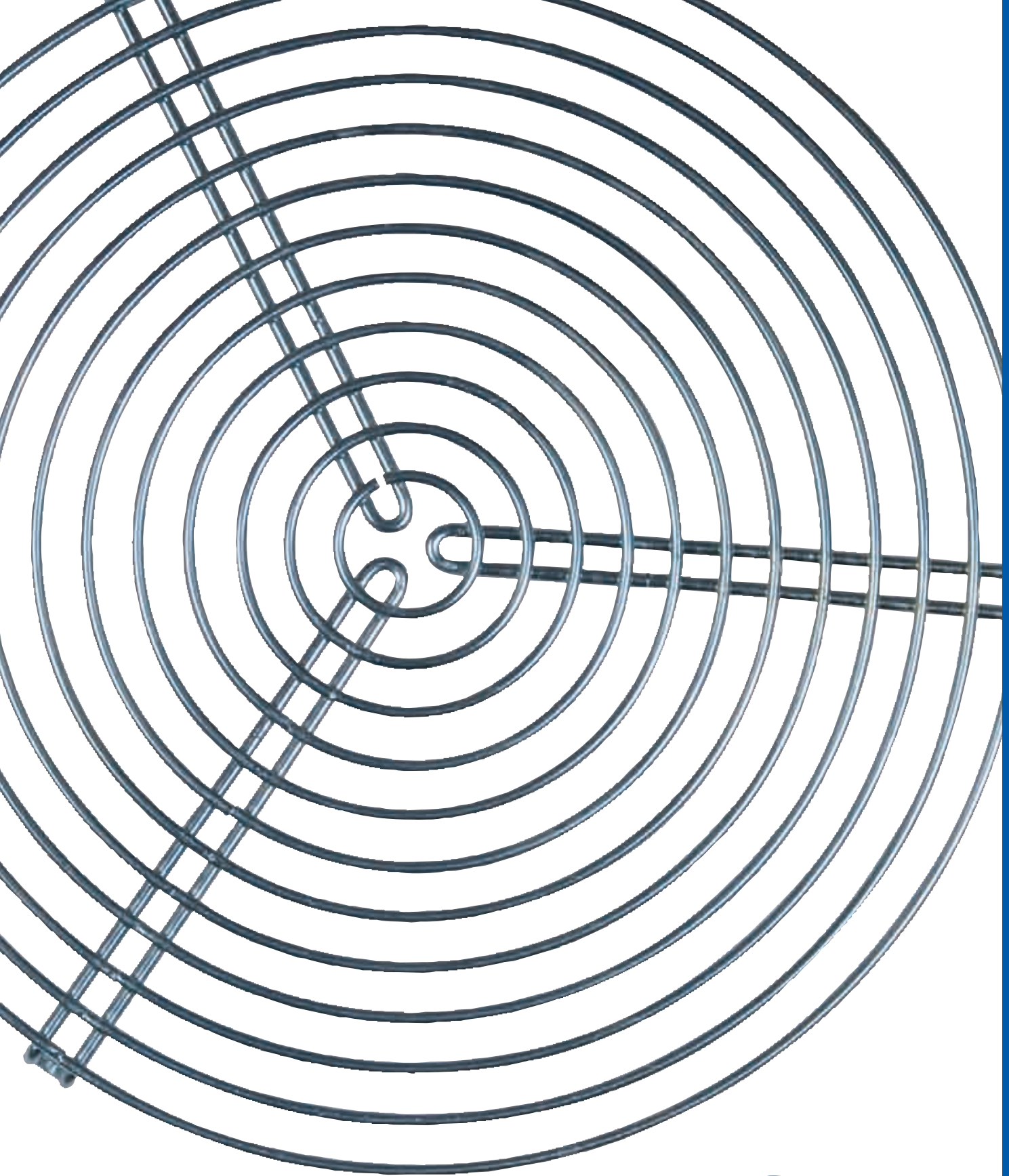
CFM	413 at 0wg
RPM	3250
Max Watts	130
Amps	.6 @ 240 VAC
Sones	12
Diameter	15.1"
Length	9.1"
Blade Design	Reverse Curve
Housing	Powder Coated
Inlet/Outlet	6"



Speed Control

Can-Filters, makes available a variable transformer speed control for all 120 volt, 60 hertz fans with less than 7.5 amps drawn. This product provides a smooth sinusoidal wave, so there is no growl at running speed. This is the control required for the Max-Fan 12 inch.





Finger Guards

CFG's Finger Guards are intended to prevent any debris or items from entering the blades of the fan. The Finger guards are manufactured out of steel for ultimate strength. The Finger guards are ready equipped with easy clip mounts. They are available in 4"-14" sizes.

Backdraft Damper

The CFG back-draft dampers are available in 6 different sizes from 4" – 14".

These newly developed back-draft dampers are manufactured with quality components and precision engineering.

The back-draft damper is used to prevent air from reverse flowing through the fan (when powered off) allowing contaminated air to escape from the room untreated.

Can-Filters recommends the usage of back-draft dampers as another line of defense against odor control.

Back-draft dampers are boxed.



The pre-filter is available for all series of filters; The Original Can-Filter, 38-Special, Can-Lite and the Max-Filter.



Pre-Filter

CF Group has improved the appearance of the replacement pre-filters. The new packaging allows for easy peg board style display.

The pre-filter is the first line of defense against dust and debris from clogging the pores of the carbon itself.

Replacement pre-filters extend the life of the Can-Filter.





Flange Dimensions

Size	Inside Diameter	Outside Diameter	Applicable Filter
4 Inch	4"	5.5"	2600 - 9000
4 Inch	4"	11.5"	33 - 66
6 Inch	6"	11.75"	33 - 66 - 99 - 50
8 Inch	8"	11.75"	66 - 99 - 50 - 75 - 100
10 Inch	10"	14.75"	100 - 125 - 150
12 Inch	12"	14.75"	125 - 150
14 Inch	14"	19.5"	125 - 150
14 Inch	14"	14.25"	2.5 - Max2500



Muffler Dimensions

Size	Height	Width	Weight
Mini Muffler 408	26"	12"	13 lbs.
Muffler 812	39"	14.5"	21 lbs.



Muffler

The CFG Muffler was designed with high air volume, low restriction and convenience in mind.

Durability is also a factor during the construction of the muffler. This is why CFG chose steel for the housing. A muffler may reduce the decibel rating of the fans by up to 50%.

The muffler is available in two sizes:

Mini Muffler Model 408

is suited for 4"– 8" fans.

Muffler Model 812

is suited for 8"–12" fans.

Conversions and Formulas

1 US Gallon is equal to:		
4 quarts	128 ounces	768 tsp.
8 pints	3.785 liters	8.34 lbs.
16 cups	256 tbsp.	231 cu. in.
1 Cup is equal to:		
8 ounces	48 tsp.	0.23 liter
.5 pint	236 ml.	14.4 cu. in.
16 tbsp.	0.52 lbs.	236 grams
1 Tablespoon is equal to:		
.5 ounce	3 tsp.	15 grams
15 ml.	180 drops	0.663 cup
1 Liter is equal to:		
1000ml	4.328 cups	202.88 tsp.
2.164 pints	67.63 tbsp.	0.264 gal
1000 grams	2.22 lbs.	1.057 quarts

Measurement Equivalents:	
3 tsp = 1 tbsp.	1 ml. = 1/5 tsp.
2 tbsp. = 1 fluid oz.	5 ml. = 1 tsp
16 tbsp. = 1 cup	15 ml. = 1 tbsp.
2 cups = 1 pint (16 oz.)	30 ml. = 1 fluid oz.
2 pints = 1 quart (32 oz.)	240 ml. = 1 cup
4 quarts = 1 gal (128 oz.)	3840 ml. = 1 gal

BTU Content of Common Energy Units
1 barrel (42 gallons) of crude oil = 5,800,000 Btu
1 gallon of gasoline = 124,000 Btu
1 gallon of heating oil or diesel fuel = 139,000 Btu
1 cubic foot of natural gas = 1,028 Btu
1 gallon of propane = 91,000 Btu
1 short ton of coal = 20,169,000 Btu
1 kilowatt hour of electricity = 3,412 Btu

Watts, Amps and Volts Formula
Wattage = Amps x Voltage
Amps = Wattage ÷ Voltage
Voltage = Wattage ÷ Amps
Amps are how many electrons flow past a certain point per second.
Voltage is a measure of how much force that each electron is under.
Wattage is the electric power required by an appliance or device.

°F/°C Temperature Conversions			
200°C = 392°F	100°C = 212°F	75°C = 167°F	40°C = 104°F
150°C = 302°F	95°C = 203°F	70°C = 158°F	30°C = 86°F
125°C = 257°F	90°C = 194°F	65°C = 149°F	20°C = 68°F
110°C = 230°F	85°C = 185°F	60°C = 140°F	10°C = 50°F
105°C = 221°F	80°C = 176°F	50°C = 122°F	0°C = 32°F
°F/°C Temperature Formula			
$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 5/9$		$^{\circ}\text{F} = (^{\circ}\text{C} \times 9/5) + 32$	

The Original
Can-Filters®
L'authentique

Simply the best
Crew





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