

ORTECH[®]

Ventilation



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www.ortechindustries.com

Version 4.1

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At Ortech Industries Inc. you can find a large variety of HVAC products. Since its inception in 2001, an aggressive workforce based in Hong Kong and China as well as unwavering sales reps has expanded Ortech from a supplier of a small line of HVAC products to national supplier with unlimited potential.

Ortech specializes in a complete line of Ventilating and Inline fans. These products are all certified by the necessary American and Canadian standards and are primarily distributed through plumbing showrooms, electrical wholesalers and HVAC distributors. For more information on any of these or other products please feel free to contact us at 1-888-543-6473 or sales@ortechlighting.com.

Ortech products are distributed in North America by Crown Distributors Ltd.

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ORTECH[®]

Super Slim



OSS-5004

- 50 CFM
- 0.4 Sone
- Metal Collar with back draft damper
- ENERGY STAR certified
- Dimensions: 10-1/4" x 10-1/4" x 3-3/4"
- White polymeric grille with torsion springs

OSS-8012

- 80 CFM
- 1.2 Sone
- Metal Collar with back draft damper
- ENERGY STAR certified
- Dimensions: 10-1/4" x 10-1/4" x 3-3/4"
- White polymeric grille with torsion springs

OSS-10020

- 100 CFM
- 2.0 Sone
- Metal Collar with back draft damper
- ENERGY STAR certified
- Dimensions: 10-1/4" x 10-1/4" x 3-3/4"
- White polymeric grille with torsion springs

OSS-G1010

- Grille for Super Slim Series fans



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Universal DC Plus Slimline

FIVE AIRFLOW CHOICES IN ONE FAN

ODD-110

- Features a built-in variable low speed, designed for continuous 24 hour operation
- Built-in 0 to 30minute timer
- Comes with a 5 position selector switch that is factory set to provide 5 different air performances, going from 80 to 140 CFM
- 0.3 Sone - 1.1 Sone
- Detachable 6" duct metal collar which includes a light weight back draft damper
- Extra ENERGY STAR rated
- Brushless DC motor for long life
- Dimensions: 11-3/8" x 10-1/2" x 6"
- White polymeric grille with torsion springs

(see the universal accessories page for more information)

Airflow Selector Center

Switch position	1	2	3	4	5
Air deliver (CFM)	80	90	110	120	140
Duct diameter (inches)	6"	6"	6"	6"	6"

1st and 2nd switch: Airflow Control Buttons
3rd switch: Duct size Control Button



ODD30-8010

- 30 CFM
- Features a built in low speed, designed for continuous 24 hour operation
- 1.0 Sone
- Detachable 4" PVC duct which includes a light weight back draft damper
- ENERGY STAR certified
- Brushless DC motor for long life
- Dimensions: 9" x 9" x 5-3/4"
- White polymeric grille with torsion springs

ODD-22025

- Commercial Fan
- Features a built in low speed, designed for continuous 24 hour operation
- 220 CFM
- 2.5 Sone
- 6" metal collar duct which includes a light weight back draft damper
- ENERGY STAR certified
- Brushless DC motor for long life
- Dimensions: 12-7/8" x 12-1/2" x 7-5/8"
- White polymeric grille with torsion springs



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Universal Slimline Series



ODS-8003-14

- 80 CFM @ .10sp
- 0.3 Sone
- Detachable metal collar 6" duct which includes a light weight built-in back draft damper
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 6"
- White Polymeric Grille with torsion springs
- SMART SENSE Fan

ODS-9003-14

- 90 CFM @ .10sp
- 0.3 Sone
- Detachable metal collar 6" duct which includes a light weight built-in back draft damper
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 6"
- White Polymeric Grille with torsion springs
- SMART SENSE Fan

ODS-1109

- 110 CFM @ .10sp
- 0.9 Sone
- Detachable metal collar 6" duct which includes a light weight built-in back draft damper
- ENERGY STAR qualified
- Dimensions: 11-3/8" x 10-1/2" x 6"
- White Polymeric Grille with torsion springs
- SMART SENSE Fan

ODS-1209

- 120 CFM @ .10sp
- 0.9 Sone
- Detachable metal collar 6" duct which includes a light weight built-in back draft damper
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 6"
- White Polymeric Grille with torsion springs
- SMART SENSE Fan

ODS-15011

- 150 CFM @ .10sp
- 1.1 Sone
- Detachable metal collar 6" duct which includes a light weight built-in back draft damper
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 6"
- White Polymeric Grille with torsion springs
- SMART SENSE Fan

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Universal Dual Speed Slimline



ODS45-9003

- Continuous operation at 45 CFM
- 90 CFM @ .10 sp
- 0.3 Sone
- Detachable metal collar 6" duct which includes a light weight built in back draft damper
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 6"
- White Polymeric Grille with torsion springs
- SMART SENSE Fan

ODS45-1109

- Continuous operation at 45 CFM
- 110 CFM @ .10 sp
- 0.9 Sone
- Detachable metal collar 6" duct which includes a light weight built in back draft damper
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 6"
- White Polymeric Grille with torsion springs
- SMART SENSE Fan

Available SMART SENSE Options:
LED Light, Fluorescent Light, Motion Sensor,
Humidistat, Metal Grille
(see the universal accessories page for more information)

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LED Light, Fluorescent Light, Motion Sensor, Humidistat, Metal Grille
(see the universal accessories page for more information)



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Select Series



OD-5006

- 50 CFM
- 0.6 Sone
- 4" polymeric collar
- Dimensions: 9" x 9" x 5-3/4"
- White Polymeric Grille with torsion springs

OD-8015

- 80 CFM
- 1.5 Sone
- 4" polymeric collar
- ENERGY STAR certified
- Dimensions: 9" x 9" x 5-3/4"
- White Polymeric Grille with torsion springs



OD-9020

- 90 CFM
- 2.0 Sone
- 4" polymeric collar
- Dimensions: 9" x 9" x 5-3/4"
- White Polymeric Grille with torsion springs



OD-G1010

- White polymeric replacement grille
- 10" x 10"
- with torsion springs
- Compatible with Select Series Fans:
OD-5006
OD-8015
OD-9020



OD-LTG1010

- White polymeric grille with light kit and night light
- 10" x 10"
- with torsion springs
- Compatible with Select Series Fans:
OD-5006
OD-8015
OD-9020



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Economy Series



OD-5034

- 50 CFM
- 3.4 Sone
- 3" polymeric collar
- Dimensions: 7-1/4" x 7-1/2" x 3-5/8"
- White Polymeric Grille with torsion springs



OD-7035

- 70 CFM
- 3.5 Sone
- 4" polymeric collar
- Dimensions: 7-1/4" x 7-1/2" x 3-5/8"
- White Polymeric Grille with torsion springs

OD-G0908

- White polymeric grille
- with torsion springs
- 9-1/8" x 8-3/4"
- Compatible with ECON Series Fans
(OD-5034 and OD-7035)

Contractor Packs

OD-5034



This contractor packs consists of:
OD-5034

- 50 CFM
- 3.4 Sone
- 3" polymeric collar
- Dimensions: 7-1/4" x 7-1/2" x 3-5/8"
- White Polymeric Grille with torsion springs

Housing and Duct
+
Grille and Assembled Motor

(Sold in case of 6)

OD-7035



This contractor packs consists of:
OD-7035

- 70 CFM
- 3.5 Sone
- 4" polymeric collar
- Dimensions: 7-1/4" x 7-1/2" x 3-5/8"
- White Polymeric Grille with torsion springs

Housing and Duct
+
Grille and Assembled Motor

(Sold in case of 6)



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Inline Fans

- OIF4-140**
• 4" Duct
• 2.1 Sone
- OIF5-190**
• 5" Duct
• 2.6 Sone
- OIF6-260**
• 6" Duct
• 2.8 Sone
- OIF8-560**
• 8" Duct
• 3.7 Sone
- OIF10-670**
• 10" Duct
• 5 Sone
- OIF12-880**
• 12" Duct
• 4.4 Sone



Model	CFM @ 0 SP	CFM @ 0.2 SP	CFM @ 0.4 SP	CFM @ 0.6 SP	CFM @ 0.8 SP
OIF4-140	157	135	113	89	67
OIF5-190	202	167	133	107	81
OIF6-260	273	236	198	163	131
OIF8-560	484	457	426	393	350
OIF10-670	598	556	509	460	412
OIF12-880	815	710	579	424	319



- OIF4P-kit**
- OIF5P-kit**
- Dryer Booster Fan with accessories
- Fan mounting hardware
- Tubing & 2" probe
- 6 foot cord with 3 prong plug
- Mounted pressure sensing switch

- Available Combination :**
- OIF4 with pressure switch
 - OIF5 with pressure switch
 - OIF4 with Amp Sensor - AS-0/ AS-5/ AS-10/ AS-15
 - OIF5 with Amp Sensor - AS-0/ AS-5/ AS-10/ AS-15

Model	Current (amp)	Power (Watt)	RPM (Nominal)	Electrical Rating	Room Size Capacity
OIF4-140	0.80	92	2450	120V/60Hz	100-150 sq. ft.
OIF5-190	0.86	102	2420	120V/60Hz	150-200 sq. ft.
OIF6-260	0.88	105	2620	120V/60Hz	200-280 sq. ft.

Model	Duct (A)	Overall Dia. (B)	Collar Length-Outlet (C)	Overall Height (D)	Collar Length-Inlet (E)
OIF4-140	4"	9.52"	0.78"	7.32"	0.59"
OIF5-190	5"	9.56"	0.98"	7.44"	0.86"
OIF6-260	6"	10.66"	0.78"	7.59"	0.78"



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Dryer Booster Fans



- SDF200**
- Intake: 5"
 - Discharge: 5"
 - Dimensions: 10-1/2" x 11" x 6"

Model	0.1" sp	0.2" sp	0.3" sp	0.4" sp	0.5" sp	0.6" sp	0.7" sp	0.8" sp	Amps	RPM
SDF-200	206	203	196	190	183	176	168	160	0.9	2600



- Double Inlet Inline Fan**
- SDF200-2**
- Dual Intake: 5"
 - Discharge: 5"
 - Dimensions: 10-1/2" x 11" x 6"

Model	0.1" sp	0.2" sp	0.3" sp	0.4" sp	0.5" sp	0.6" sp	0.7" sp	0.8" sp	Amps	RPM
SDF200-2	235	222	211	205	195	186	175	169	0.9	2600



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230V Special Order



NEW

Special Order

OI-80230

- 80 CFM @ .10sp
- 0.3 Sone
- 230V 60Hz
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-90230

- 90 CFM @ .10sp
- 0.3 Sone
- 230V 60Hz
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-110230

- 110 CFM @ .10sp
- 0.9 Sone
- 230V 60Hz
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-120230

- 120 CFM @ .10sp
- 1.5 Sone
- 230V 60Hz
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs



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277V Special Order



NEW

Special Order

OI-80277

- 80 CFM @ .10sp
- 0.3 Sone
- 277V 60Hz
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-90277

- 90 CFM @ .10sp
- 0.3 Sone
- 230V 60Hz
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-110277

- 110 CFM @ .10sp
- 0.9 Sone
- 277V 60Hz
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-120277

- 120 CFM @ .10sp
- 1.2 Sone
- 277V 60Hz
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-150277

- 150 CFM @ .10sp
- 1.5 Sone
- 277V 60Hz
- ENERGY STAR certified
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs



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220/230V Special Order

NEW



Special Order

OI-80220

- 80 CFM @ .10sp
- 0.3 Sone
- 230V 60Hz
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-90220

- 90 CFM @ .10sp
- 0.3 Sone
- 220/230V 60Hz
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-110220

- 110 CFM @ .10sp
- 0.9 Sone
- 220/230V 60Hz
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-120220

- 120 CFM @ .10sp
- 1.2 Sone
- 220/230V 60Hz
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs

OI-150220

- 150 CFM @ .10sp
- 1.5 Sone
- 220/230V 60Hz
- Dimensions: 11-3/8" x 10-1/2" x 7-5/8"
- White polymeric grille with torsion springs



Range Hood



OD-22014SN

- Finish: Satin Nickel
- Wall or ceiling mount
- 120V
- Input power: 90W
- 1 motor
- Airflow ≥ 220 CFM
- Dimensions(HxWxD) : 6" x 30" x 17.5"
- 2 speed

OD-22014WH

- Finish: White
- Wall or ceiling mount
- 120V
- Input power: 90W
- 1 motor
- Airflow ≥ 220 CFM
- Dimensions(HxWxD) : 6" x 30" x 17.5"
- 2 speed

OD-22014BK

- Finish: Black
- Wall or ceiling mount
- 120V
- Input power: 90W
- 1 motor
- Airflow ≥ 220 CFM
- Dimensions(HxWxD) : 6" x 30" x 17.5"
- 2 speed



Universal Series Accessories



OD-SCK

- Speed Control kit for mounting



OD-HSG

- OD-HSG incorporates a sensitive humidity sensor that is capable of detecting humidity quickly and accurately.
- This humidity sensor response to humidity levels that exceeds the users desired set point



MPC-50V

- 360 ° ceiling mounted motion sensor
- 120-277V
- Adjustable time delay: 15sec-30min
- 800W
- 1200 sqft maximum



HET01-R

- Digital Wall timer
- Program up to 18 on off settings
- Daylight savings time feature
- 15Amp 1800W 120V



HET06A-R

- Wall timer
- Time delay function 1min, 5min, 10min, 15min, 20min, 30min
- On/off button



WOS15-W

- 150 ° motion sensor
- 120V
- Adjustable time delay: 15sec-30min
- 500W
- 980 sqft maximum



WM-DHOS

- Single pole, 120VAC 60HZ
- Humidity set point: 45%-80%
- Time delay: 15sec, 5min, 15min, 30min

Universal Series Accessories



Adapter 4 to 6

- Adapter for 4inch duct



SDS-10

- Air Pressure Sensing
- with electric cycle timing board
- Timing Range: 10 min.



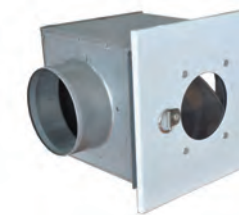
AS-0/AS-5/AS-10/AS-15

- Amp Sensor
- LED indicator
- Amp Range: 1A-200A AC



VB-6

- Vapor Barrier for Ventilation Fans and Recessed Lighting



Lint Trap

- Secondary Dryer Lint Trap : used when installing a dryer booster fan, less than the recommended distance of 15 feet from the back of the dryer.

Additional Accessories

Motion Sensor Grille

OD-LTG



- White polymeric grille with Light kit and Night light
- One E26 base socket, Max 26W florescent lamp
- 13" x 14"
- with torsion springs

OD-MSG



- White polymeric grille with Motion sensor
- 13" x 14"
- with torsion springs

OD-LTG1010



- White polymeric grille with Light kit and Night light
- 10" x 10"
- with torsion springs

OD-LTGLED



- White polymeric grille with LED light modules
- 11W with 3W night light
- 4100 Color temperature, 900 lumens output
- 50000 hours
- 13" x 14"
- with torsion springs

OD-LEDMSG



- Polymeric Grille add on to ODD
- 110 DC Motor Fan
- LED Light Kit and Motion Sensor Included

OD-DC1010LEDMSG



- Polymeric Grille add on to ODD
- 80 DC Motor Fan
- LED Light Kit and Motion Sensor Included

Accessories

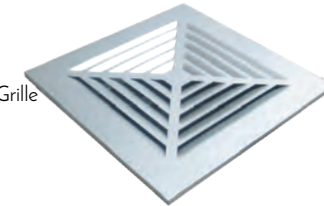
Fan Grille

OD-G0908



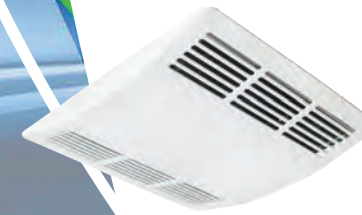
- White Polymeric Replacement Grille with torsion springs
- Dimensions: 9 1/8" x 8 3/5"

OD-ALG



- Aluminum Grille
- 13" x 14"
- With Torsion Springs

OD-STG



- Steel Grille
- 13" x 14"
- with torsion springs

OD-G1010



- White Polymeric Replacement Grille
- 10" x 10"
- with torsion springs