



32 the anniversary
of the founding
Year

Since 1987

No. 1. Oil Mist Collector

Mist Cleaner



Function 1

99.8% efficiency

Function 2

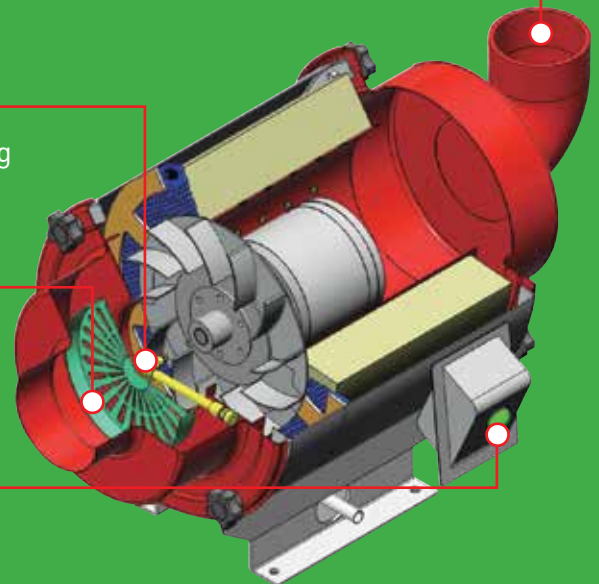
Nozzle for cleaning
of Fan & Filter

Function 3

Available to check
direction of Fan's
rotation

Function 4

Motor's running
check lamp



NO.1 Oil Mist Collector

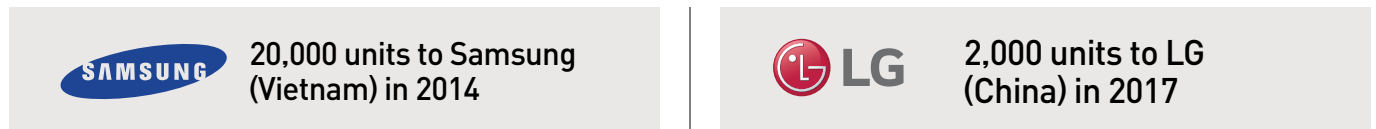


YHB ECO CO., LTD

YHB ECO Global Network



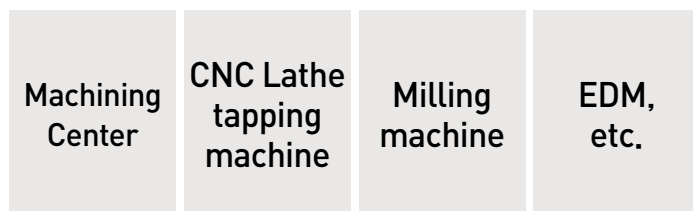
YHB ECO References



Why YHB ECO MIST CLEANER



APPLICATION



CERTIFICATION



YHB ECO MIST CLEANER PRODUCT LINE UP

YMC TYPE Water-soluble lubricant

YMC TYPE



- Standard model
- Sales No. 1.

YMC A-TYPE(Patented New Model)



- Cleaning Fan&Body
- Reducing Maintenance Cost
- Maintaining High Efficiency

YMC C-TYPE



- Demister Filter
- Available to Reuse Filter
- Reducing Maintenance Cost

YMC F-TYPE



- Attached Filter Service Indicator
- Maintaining High Efficiency
- Available to Check Filter Condition

* Available YMC CA, FA, FC, FCA type

YOC TYPE Oil lubricant

YOC TYPE



- Chip Separator
- Collecting Chip and Mist

YOC A-TYPE



- Chip Separator
- Reducing Maintenance Cost
- Cleaning Fan&Body
- Maintaining High Efficiency

YOC C-TYPE



- Chip Separator
- Available to Reuse Filter
- Demister Filter
- Reducing Maintenance Cost

YOC F-TYPE



- Chip Separator
- Attached Filter Service Indicator
- Available to Check Filter Condition
- Maintaining High Efficiency

* Available YOC CA, FA, FC, FCA type

MIST CLEANER YMC type (Water-soluble lubricant)



FEATURES

- Centrifugal Force Technology and Filters (99.8% collection rate)
- Standard model(Sales No. 1.)
- 20,000 units to Samsung(Vietnam) in 2014
- 2,000 units to LG(China) in 2017



SPECIFICATIONS & DIMENSIONS

MODEL	YMC-300	YMC-350	YMC-400	YMC-420
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m³/min)	7	12	25	30
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	99.8%			
Inlet, Outlet(ø)	100	125	150	150
Weight(kg)	25	33	55	59
Filter Material	POLYESTER			

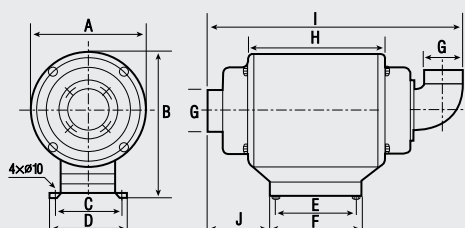
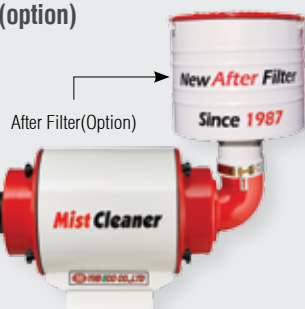
※ When After Filter is mounted, wind flow rate will be decreased by 8%

※ Above specifications are based on 60Hz, When applying 50Hz air volume is reduced by 20%.

Unit : mm

MODEL	A	B	C	D	E	F	G	H	I	J
YMC-300	320	409	180	220	210	240	ø100	322	680	188
YMC-350	365	454	180	220	210	240	ø125	370	800	222
YMC-400	452	595	280	320	360	400	ø150	480	973	235
YMC-420										

After Filter(option)



AFTER FILTER

MODEL	YMC-300	YMC-350	YMC-400	YMC-420
D	ø 380	ø 380	ø 380	ø 380
H	410	400	470	470

STANDARD PARTS	OPTION PARTS
1. DRAIN HOSE : 3m 2. FLANGE : 1EA	1. AFTER FILTER

MIST CLEANER YOC type (Oil lubricant)



FEATURES

- Chip Separator(with Glass Filter)
- Collecting Chip and Mist
- Oil lubricant



SPECIFICATIONS & DIMENSIONS

MODEL	YOC-300	YOC-350	YOC-400	YOC-420
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5/2.0/1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m ³ /min)	5	10	20	25
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	99.8%			
Inlet, Outlet(ø)	100	125	150	150
Weight(kg)	30	37	64	67
Filter Material	POLYESTER			

※ When After Filter is mounted, wind flow rate will be decreased by 8%

※ Above specifications are based on 60Hz, When applying 50Hz air volume is reduced by 20%.

Unit : mm

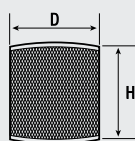
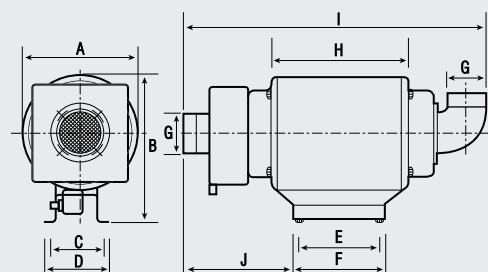
MODEL	A	B	C	D	E	F	G	H	I	J
YOC-300	320	409	180	220	210	240	ø100	322	800	275
YOC-350	365	454	180	220	210	240	ø125	370	895	345
YOC-400	452	595	280	320	360	400	ø150	480	1,058	379
YOC-420										

AFTER FILTER

MODEL	YOC-300	YOC-350	YOC-400	YOC-420
D	ø 380	ø 380	ø 380	ø 380
H	410	400	470	470

STANDARD PARTS	OPTION PARTS
1. DRAIN HOSE : 3m x 2ea 2. FLANGE : 1EA	1. AFTER FILTER

After Filter(option)



After Filter(Optional)

MIST CLEANER YMC A-type (Water-soluble lubricant)

new



FEATURES

- Patented New Model
- Cleaning Fan&Body
- Reducing Maintenance Cost
- Maintaining High Efficiency



SPECIFICATIONS & DIMENSIONS

MODEL	YMC-300A	YMC-350A	YMC-400A	YMC-420A
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m³/min)	7	12	25	30
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	99.8%			
Inlet, Outlet(ø)	100	125	150	150
Weight(kg)	25	33	55	59
Filter Material	POLYESTER			

※ When After Filter is mounted, wind flow rate will be decreased by 8%

※ Above specifications are based on 60Hz, When applying 50Hz air volume is reduced by 20%.

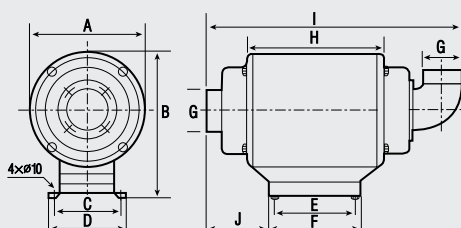
Unit : mm

MODEL	A	B	C	D	E	F	G	H	I	J
YMC-300A	320	409	180	220	210	240	ø100	322	680	188
YMC-350A	365	454	180	220	210	240	ø125	370	800	222
YMC-400A	452	595	280	320	360	400	ø150	480	973	235
YMC-420A										

After Filter(option)



* Wash once a month for 5 minutes



AFTER FILTER

MODEL	YMC-300A	YMC-350A	YMC-400A	YMC-420A
D	ø 380	ø 380	ø 380	ø 380
H	410	400	470	470

STANDARD PARTS	OPTION PARTS
1. DRAIN HOSE : 3m 2. FLANGE : 1EA	1. AFTER FILTER

MIST CLEANER YOC A-type (Oil lubricant)



FEATURES

- Chip Separator
- Cleaning Fan&Body
- Reducing Maintenance Cost
- Maintaining High Efficiency



SPECIFICATIONS & DIMENSIONS

MODEL	YOC-300A	YOC-350A	YOC-400A	YOC-420A
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m³/min)	5	10	20	25
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	99.8%			
Inlet, Outlet(ø)	100	125	150	150
Weight(kg)	30	37	64	67
Filter Material	POLYESTER			

※ When After Filter is mounted, wind flow rate will be decreased by 8%

※ Above specifications are based on 60Hz, When applying 50Hz air volume is reduced by 20%.

Unit : mm

MODEL	A	B	C	D	E	F	G	H	I	J
YOC-300A	320	409	180	220	210	240	ø100	322	800	275
YOC-350A	365	454	180	220	210	240	ø125	370	895	345
YOC-400A	452	595	280	320	360	400	ø150	480	1,058	379
YOC-420A										

AFTER FILTER

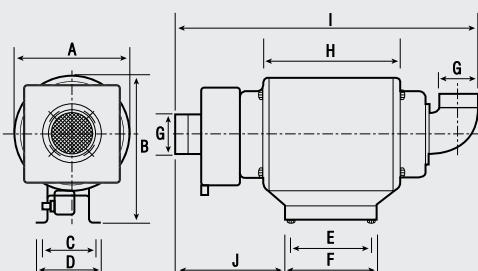
MODEL	YOC-300A	YOC-350A	YOC-400A	YOC-420A
D	ø 380	ø 380	ø 380	ø 380
H	410	400	470	470

STANDARD PARTS	OPTION PARTS
1. DRAIN HOSE : 3m x 2ea 2. FLANGE : 1EA	1. AFTER FILTER

After Filter(option)



* Wash once a month for 5 minutes



MIST CLEANER YMC C-type (Water-soluble lubricant)



FEATURES

- Demister Filter(95% collection rate)
- Available to Reuse Filter
- Reducing Maintenance Cost



SPECIFICATIONS & DIMENSIONS

MODEL	YMC-300C	YMC-350C	YMC-400C	YMC-420C
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m ³ /min)	7	12	25	30
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	99.8%			
Inlet, Outlet(ø)	100	125	150	150
Weight(kg)	25	33	55	59
Filter Material	DEMISTER			

※ When After Filter is mounted, wind flow rate will be decreased by 8%

※ Above specifications are based on 60Hz, When applying 50Hz air volume is reduced by 20%.

Unit : mm

MODEL	A	B	C	D	E	F	G	H	I	J
YMC-300C	320	409	180	220	210	240	ø100	322	680	188
YMC-350C	365	454	180	220	210	240	ø125	370	800	222
YMC-400C	452	595	280	320	360	400	ø150	480	973	235
YMC-420C										

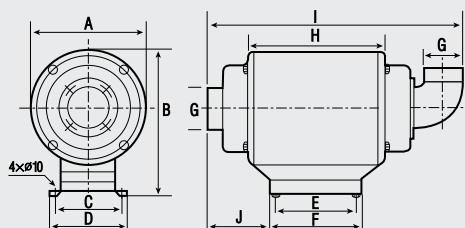
After Filter(option)



AFTER FILTER

MODEL	YMC-300C	YMC-350C	YMC-400C	YMC-420C
D	ø 380	ø 380	ø 380	ø 380
H	410	400	470	470

STANDARD PARTS	OPTION PARTS
1. DRAIN HOSE : 3m 2. FLANGE : 1EA	1. AFTER FILTER



MIST CLEANER YOC C-type (Oil lubricant)



FEATURES

- Chip Separator
- Demister Filter(95% collection rate)
- Available to Reuse Filter
- Reducing Maintenance Cost



SPECIFICATIONS & DIMENSIONS

MODEL	YOC-300C	YOC-350C	YOC-400C	YOC-420C
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m³/min)	5	10	20	25
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	99.8%			
Inlet, Outlet(ø)	100	125	150	150
Weight(kg)	30	37	64	67
Filter Material	DEMISTER			

※ When After Filter is mounted, wind flow rate will be decreased by 8%

※ Above specifications are based on 60Hz, When applying 50Hz air volume is reduced by 20%.

Unit : mm

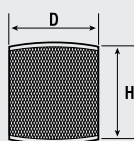
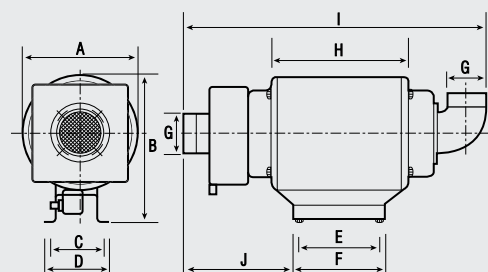
MODEL	A	B	C	D	E	F	G	H	I	J
YOC-300C	320	409	180	220	210	240	ø100	322	800	275
YOC-350C	365	454	180	220	210	240	ø125	370	895	345
YOC-400C	452	595	280	320	360	400	ø150	480	1,058	379
YOC-420C										

AFTER FILTER

MODEL	YOC-300C	YOC-350C	YOC-400C	YOC-420C
D	ø 380	ø 380	ø 380	ø 380
H	410	400	470	470

STANDARD PARTS	OPTION PARTS
1. DRAIN HOSE : 3m x 2ea 2. FLANGE : 1EA	1. AFTER FILTER

After Filter(option)



After Filter(option)

MIST CLEANER YMC F-type (Water-soluble lubricant)



FEATURES

- Attached Filter Service Indicator
- Available to Check Filter Condition
- Maintaining High Efficiency



SPECIFICATIONS & DIMENSIONS

MODEL	YMC-300F	YMC-350F	YMC-400F	YMC-420F
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m³/min)	7	12	25	30
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	99.8%			
Inlet, Outlet(ø)	100	125	150	150
Weight(kg)	25	33	55	59
Filter Material	POLYESTER			

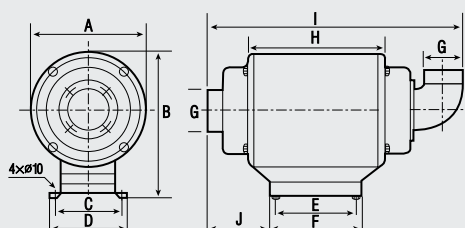
※ When After Filter is mounted, wind flow rate will be decreased by 8%

※ Above specifications are based on 60Hz, When applying 50Hz air volume is reduced by 20%.

Unit : mm

MODEL	A	B	C	D	E	F	G	H	I	J
YMC-300F	320	409	180	220	210	240	ø100	322	680	188
YMC-350F	365	454	180	220	210	240	ø125	370	800	222
YMC-400F	452	595	280	320	360	400	ø150	480	973	235
YMC-420F										

After Filter(option)



AFTER FILTER

MODEL	YMC-300F	YMC-350F	YMC-400F	YMC-420F
D	ø 380	ø 380	ø 380	ø 380
H	410	400	470	470

STANDARD PARTS	OPTION PARTS
1. DRAIN HOSE : 3m 2. FLANGE : 1EA	1. AFTER FILTER

MIST CLEANER YOC F-type (Oil lubricant)



FEATURES

- Chip Separator
- Attached Filter Service Indicator
- Available to Check Filter Condition
- Maintaining High Efficiency



SPECIFICATIONS & DIMENSIONS

MODEL	YOC-300F	YOC-350F	YOC-400F	YOC-420F
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m³/min)	5	10	20	25
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	99.8%			
Inlet, Outlet(ø)	100	125	150	150
Weight(kg)	30	37	64	67
Filter Material	POLYESTER			

※ When After Filter is mounted, wind flow rate will be decreased by 8%

※ Above specifications are based on 60Hz, When applying 50Hz air volume is reduced by 20%.

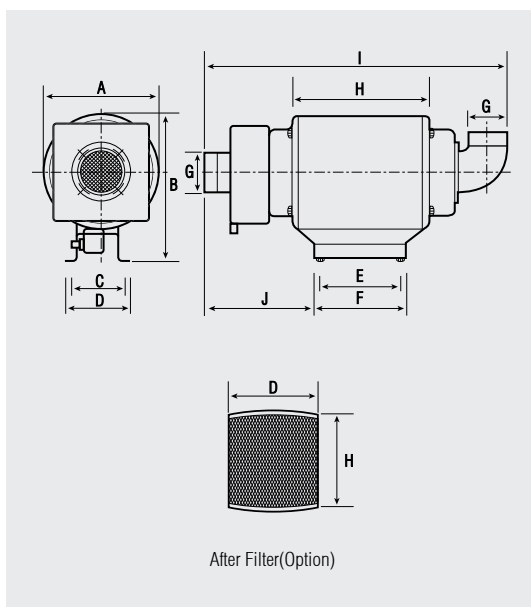
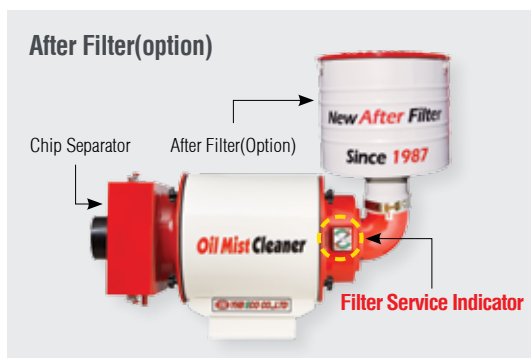
Unit : mm

MODEL	A	B	C	D	E	F	G	H	I	J
YOC-300F	320	409	180	220	210	240	ø100	322	800	275
YOC-350F	365	454	180	220	210	240	ø125	370	895	345
YOC-400F	452	595	280	320	360	400	ø150	480	1,058	379
YOC-420F										

AFTER FILTER

MODEL	YOC-300F	YOC-350F	YOC-400F	YOC-420F
D	ø 380	ø 380	ø 380	ø 380
H	410	400	470	470

STANDARD PARTS	OPTION PARTS
1. DRAIN HOSE : 3m x 2ea 2. FLANGE : 1EA	1. AFTER FILTER



MIST CLEANER Vertical type



CHARACTERISTICS

- Mounted on the machine
- No need huge place

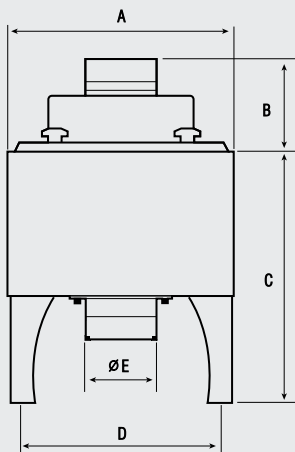
APPLICATION

- Lathe, Milling machine, Grinder, Boring machine, Hopping drill, Washing machine, etc.

SPECIFICATIONS & DIMENSIONS

Unit : mm

MODEL	A	B	C	D	E
YMC-10V	380	234	480	330	100



MODEL	YMC-10V
POWER	220V / 380V / 440V (50/60Hz)
Motor(Kw)	0.75
Ampere(A)	3.5 / 3.4
RPM(r.p.m)	3,450
Wind Flow Rate(m³/min)	12
Static Pressure(mmAq)	90
Noise(dB)	70±2
Efficiency(%)	98
In, Outlet(ø)	125
Weight(kg)	30
Filter Material	POLYESTER

※ Above specifications are based on 60Hz. When applying 50Hz air volume is reduced by 20%.

OIL MIST COLLECTOR Movable type



CHARACTERISTICS

1. Ducted cellular or central systems
2. More than 98% efficiency with triple-filter systems
3. Various application according to situation(hood, duct, etc.)
4. Easy to change filters

APPLICATION

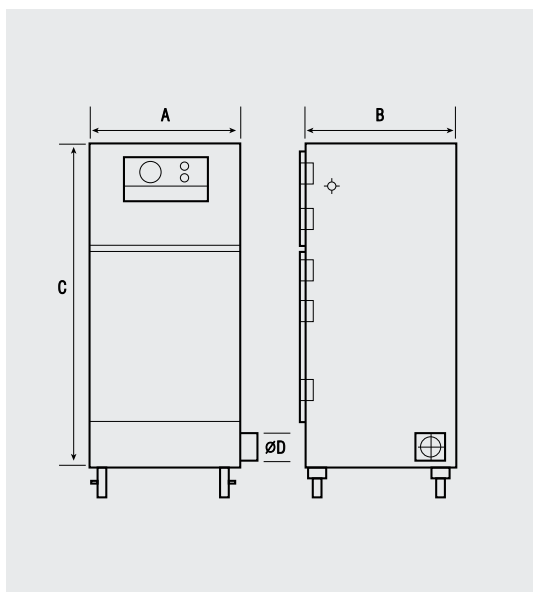
- Lathe, Milling machine, Grinder, Boring machine, Hopping drill, Washing machine, etc.



SPECIFICATIONS & DIMENSIONS

Unit : mm

MODEL	YC-3000	YC-5000	YC-7500
A	770	770	1,540
B	770	770	770
C	2,120	2,120	2,400
D	200	250	300



MODEL	YC-3000	YC-5000	YC-7500
POWER	3 Phase 220V / 380V 440V (50/60Hz)		
Motor(Kw)	2.2	3.7	5.5
Wind Flow Rate(m ³ /min)	40	60	80
Static Pressure(mmAq)	230	230	230
Weight(kg)	130	180	205

※ Above specifications are based on 60Hz. When applying 50Hz air volume is reduced by 20%.

Company Profile

- Date of establishment: December, 1987
- Factory : YHB ECO CO.,LTD(6,700m²)
YHB CO.,LTD(7,000m²)

Field of business

- Environment : Mist Cleaner, Dust Cleaner, Electrostatic precipitator, etc.
- Parts : Lock Nut, Power Link, etc.



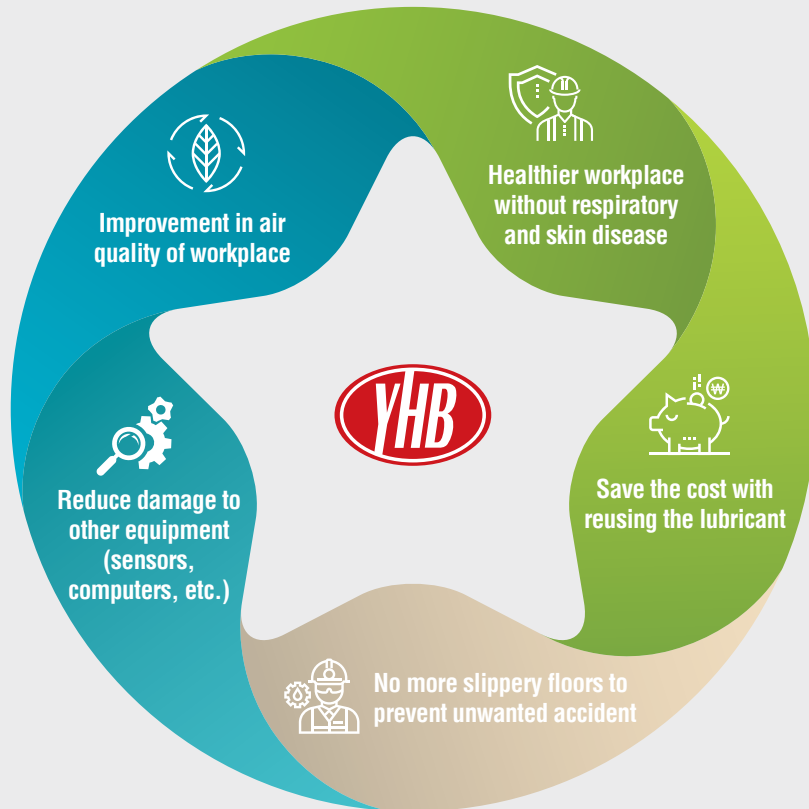
Awards

- 1995. 11. Commended as domestication company for capital material industry
- 2002. 05. Awarded the best manufacturer of the year
- 2004. 11. Awarded of development of new technology
- 2005. 06. Selected the world best item of the year
- 2007. 06. Awarded the world best export item
- 2007. 10. Selected the INNO-BIZ company
- 2016. 05. Awarded the President's Commendation for achievement in small business
- 2018. 06. Selected the world best environmental item of the year



Collection rate test equipments

Why Mist Cleaner?



Installation examples





NO.1 Oil Mist Collector

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NO.1 Oil Mist Collector

YHB CO., LTD

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NO.1 Oil Mist Collector

CHINA EXCLUSIVE DISTRIBUTOR

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#2-301, BLOCK C, NO. 28, HAITAI SOUTH ROAD,
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E-mail. taijing@tj-taijing.com



NO.1 Oil Mist Collector

JAPAN EXCLUSIVE DISTRIBUTOR

SANKYO SEIKI CO., LTD
49 Kujo-cho, Kisshoin Minami-Ku,
Kyoto 601-8328, Japan, POST: 601-8328
TEL: 81-75-681-5713 FAX: 81-75-672-5430
Web. www.sankyo-seiki.com



NO.1 Oil Mist Collector

YHB VIETNAM OFFICE

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