



Since 1987

# No. 1. Oil Mist Collector Mist Cleaner



## Function 1

98% efficiency for 1 $\mu$ m

## Function 2

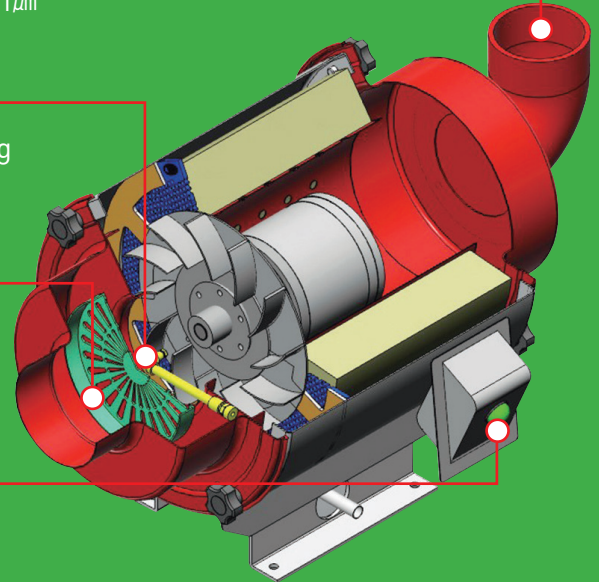
Nozzle for cleaning of Fan & Filter

## Function 3

Available to check direction of Fan's rotation

## Function 4

Motor's running check lamp



A collector with no filter replacement

 **YHB ECO CO.,LTD**

# YHB ECO Global Network



## YHB ECO References

<p>20,000 units to Samsung (Vietnam) in 2014</p>	<p>2,000 units to LG (China) in 2017</p>
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## Why YHB ECO MIST CLEANER

<p>PERFECT QUALITY</p>	<p>OCCUPATIONAL DISEASE PREVENTION</p>	<p>CONTINUOUS INNOVATION</p>
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## APPLICATION

Machining Center	CNC Lathe tapping machine	Milling machine	EDM, etc.
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## 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
- Cleaning Fan&Body
- Reducing Maintenance Cost
- Maintaining High Efficiency

### YOC C-TYPE



- Chip Separator
- Demister Filter
- Available to Reuse 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 (98% collection rate for 1µm)
- Standard model(Sales No. 1.)
- 20,000 units to Samsung(Vietnam) in 2014
- 2,000 units to LG(China) in 2017



## SPECIFICATIONS & DIMENSIONS

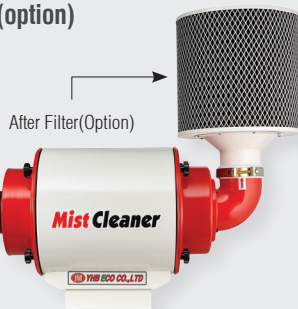
MODEL	YMC-300	YMC-350	YMC-400	YMC-420
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m³/min)	7	12	25	30
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	98% for 1µm			
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										

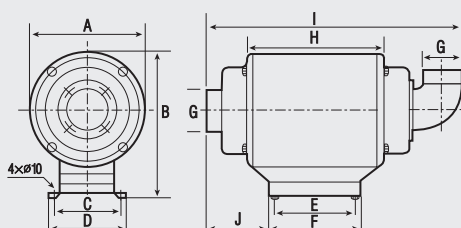
After Filter(option)



## AFTER FILTER

MODEL	YMC-300	YMC-350	YMC-400	YMC-420
D	ø 350	ø 350	ø 350	ø 350
H	330	330	500	500

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 <sup>3</sup> /min)	5	10	20	25
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	98% for 1µm			
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

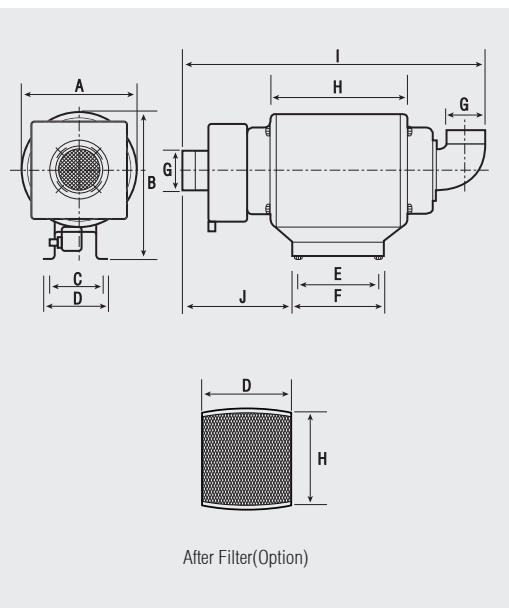
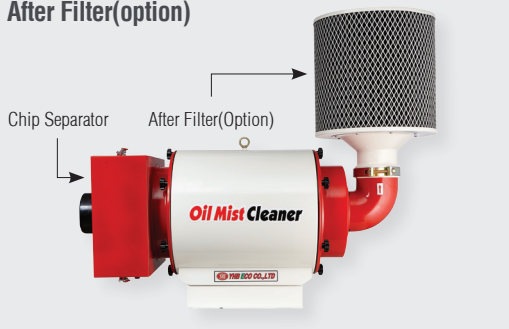
MODEL	A	B	C	D	E	F	G	H	I	J
YOC-300	320	409	180	220	210	240	ø100	322	800	275
YOC-350	365	454	180	220	210	240	ø125	370	895	345
YOC-400	452	595	280	320	360	400	ø150	480	1,058	379
YOC-420										

## AFTER FILTER

MODEL	YOC-300	YOC-350	YOC-400	YOC-420
D	ø 350	ø 350	ø 350	ø 350
H	330	330	500	500

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

### After Filter(option)



# 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(m <sup>3</sup> /min)	7	12	25	30
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	98% for 1µm			
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%.

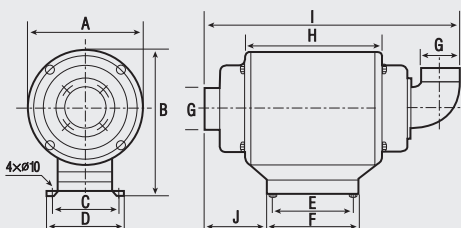
Unit : mm

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 350	ø 350	ø 350	ø 350
H	330	330	500	500

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

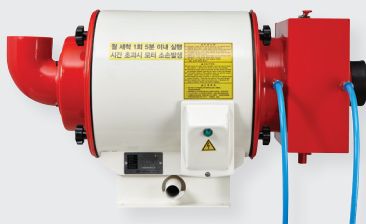
MODEL	YOC-300A	YOC-350A	YOC-400A	YOC-420A
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m <sup>3</sup> /min)	5	10	20	25
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	98% for 1μm			
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%.

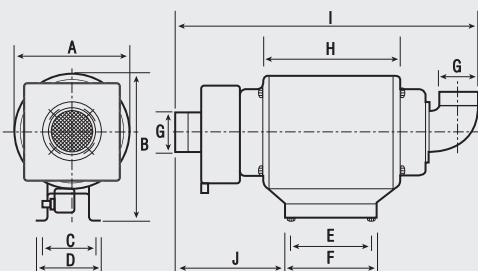
Unit : mm

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(option)



\* Wash once a month for 5 minutes



## AFTER FILTER

MODEL	YOC-300A	YOC-350A	YOC-400A	YOC-420A
D	ø 350	ø 350	ø 350	ø 350
H	330	330	500	500

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

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



## FEATURES

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



## SPECIFICATIONS & DIMENSIONS

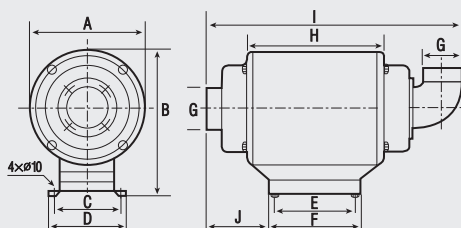
MODEL	YMC-300C	YMC-350C	YMC-400C	YMC-420C
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m <sup>3</sup> /min)	7	12	25	30
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	95% for 2μm			
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 350	ø 350	ø 350	ø 350
H	330	330	500	500

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(m <sup>3</sup> /min)	5	10	20	25
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	95% for 2µm			
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

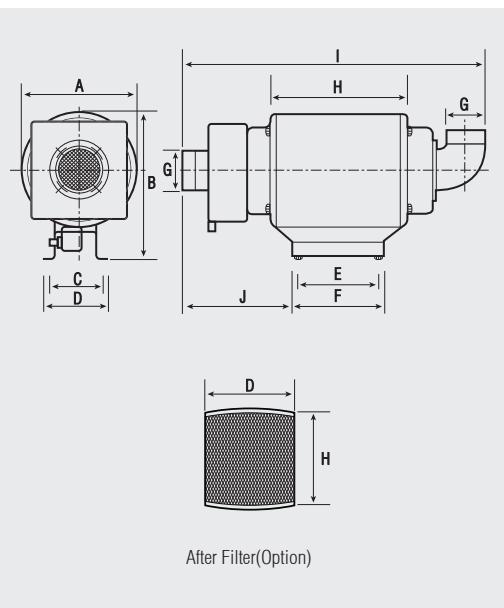
MODEL	A	B	C	D	E	F	G	H	I	J
YOC-300C	320	409	180	220	210	240	ø100	322	800	275
YOC-350C	365	454	180	220	210	240	ø125	370	895	345
YOC-400C	452	595	280	320	360	400	ø150	480	1,058	379
YOC-420C										

## AFTER FILTER

MODEL	YOC-300C	YOC-350C	YOC-400C	YOC-420C
D	ø 350	ø 350	ø 350	ø 350
H	330	330	500	500

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

### 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

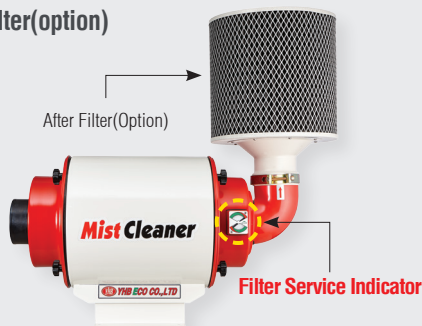
MODEL	YMC-300F	YMC-350F	YMC-400F	YMC-420F
POWER	3 Phase 220V / 380V / 440V (50/60Hz)			
Motor(Kw)	0.4	0.75	1.5	2.2
Ampere(A)	1.7 / 1.0 / 0.8	3.5 / 2.0 / 1.6	6.5 / 3.7 / 3.3	8.5 / 4.9 / 4.2
RPM	3,450			
Wind Flow Rate(m <sup>3</sup> /min)	7	12	25	30
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	98% for 1µm			
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										

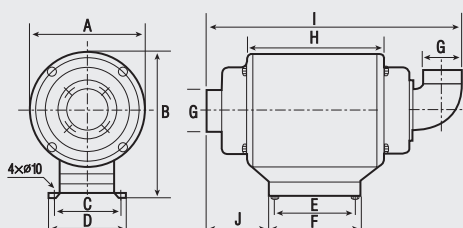
### After Filter(option)



## AFTER FILTER

MODEL	YMC-300F	YMC-350F	YMC-400F	YMC-420F
D	ø 350	ø 350	ø 350	ø 350
H	330	330	500	500

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



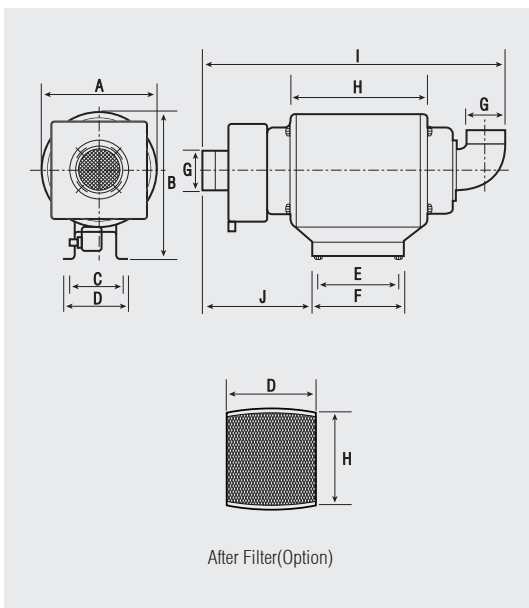
## SPECIFICATIONS & DIMENSIONS



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(m <sup>3</sup> /min)	5	10	20	25
Static Pressure(mmAq)	90	120	170	180
Noise(dB)	65±2	68±2	70±2	70±2
Collection Rate(%)	98% for 1μm			
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 350	ø 350	ø 350	ø 350
H	330	330	500	500

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

A collector with no filter replacement

## **YHB ECO CO., LTD**

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A collector with no filter replacement

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A collector with no filter replacement

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A collector with no filter replacement

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**Always Clean Workplace**

2018. 09

