

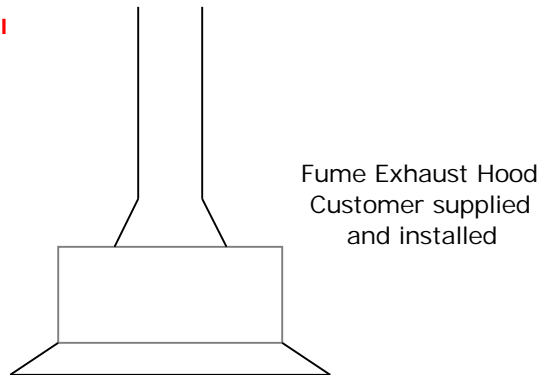
DIAGRAM #1

If the installation site has a fume exhaust hood present then the following components are all that is required.



4104 Sylon Blvd
Hainesport, NJ 08036
www.accuthermal.com
Ph: 609-326-3190

NOTE: Customer is responsible for investigating local environmental regulations and any air quality permits that may be required when using thermal cleaning equipment.



Use the following Lid

Model	Part #
FTBLL12	ATS1020
FTBLL26	ATS1020
FTBLL12W	ATS1087
FTBLL27	ATS1031
FTBLL47	ATS1031

With this basic type of system use the following baskets.

Model	Part #
FTBLL12	ATS1022
FTBLL26	ATS1024
FTBLL12W	ATS1088
FTBLL27	ATS1053
FTBLL47	ATS1030

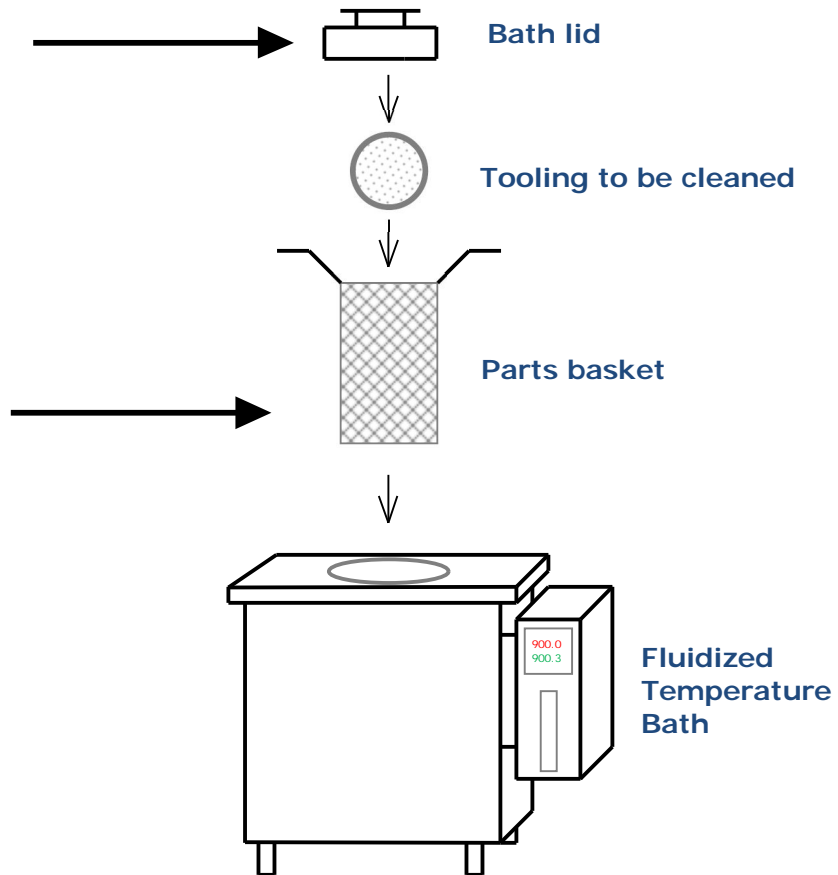


DIAGRAM #2

The following system will extract fumes from the Fluidized Bath venting them into your plant exhaust stack.

NOTE: Customer is responsible for investigating local environmental regulations and any air quality permits that may be required when using thermal cleaning equipment.

Customer is responsible for obtaining and installing all interconnecting ductwork between components. There are no exact lengths required between each component although the blower should be no more than 10 to 12 feet away from the Cyclone for optimum fume extraction. When the extraction rate is setup properly as described below the ductwork between the Fluidized Bath and Cyclone can reach temperatures between 200 and 300 degrees F.

DUCTWORK SIZES

GREEN = 4" / 102mm OD

RED = 6" / 152.4mm OD

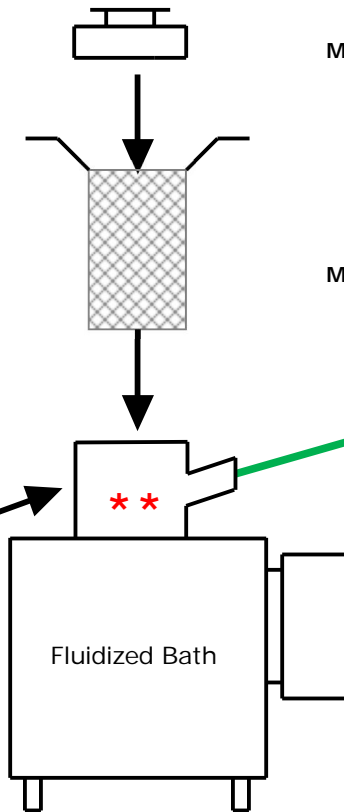
Use the following Lid

Model	Part #
FTBLL12	ATS1020
FTBLL26	ATS1020

With this type of system use the following baskets.

Model	Part #
FTBLL12	ATS1022
FTBLL26	ATS1025

ATS1021 Extraction Collar

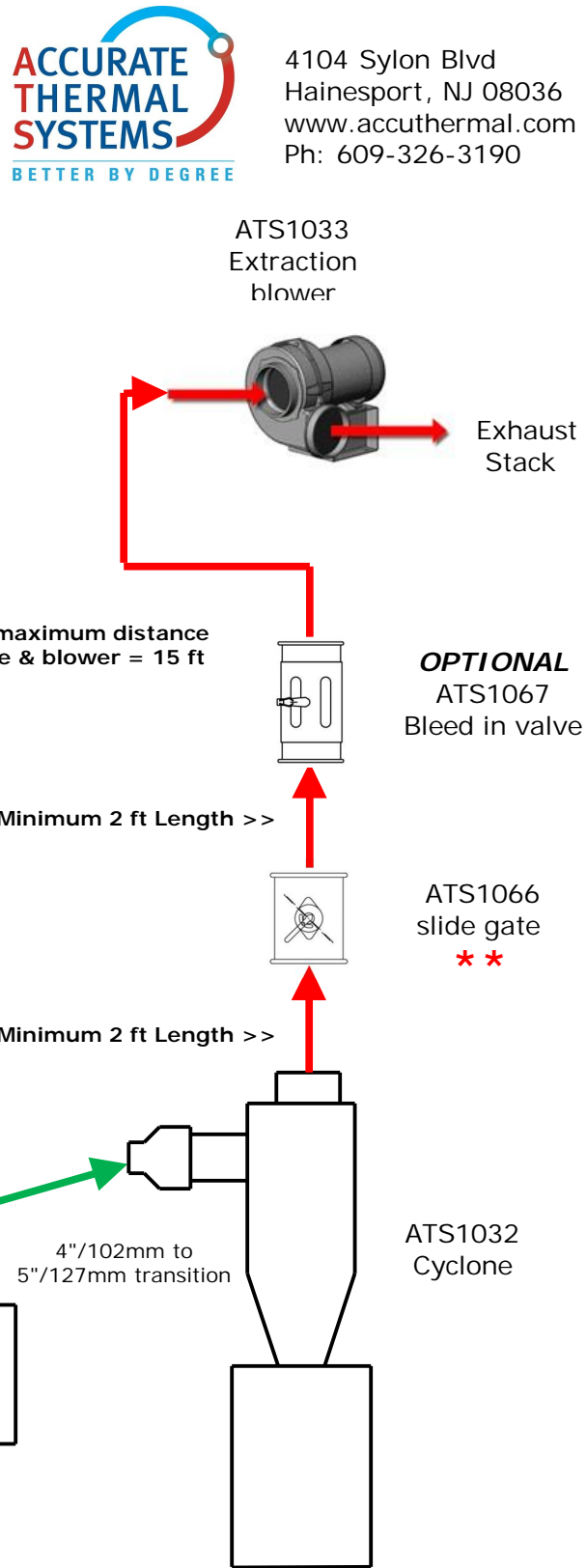


Recommended maximum distance between Cyclone & blower = 15 ft

Minimum 2 ft Length >>

Minimum 2 ft Length >>

4"/102mm to 5"/127mm transition



With parts in the bath and lid on, the slide gate would be adjusted so fumes and smoke are pulled away from the bath and into the exhaust system. If the damper is open too much it would create a negative pressure in the bath working area resulting in significant heat and sand loss. The purpose of the Cyclone is to recover any sand pulled out and heavier deposits which can be sieved and reused.



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DIAGRAM #3

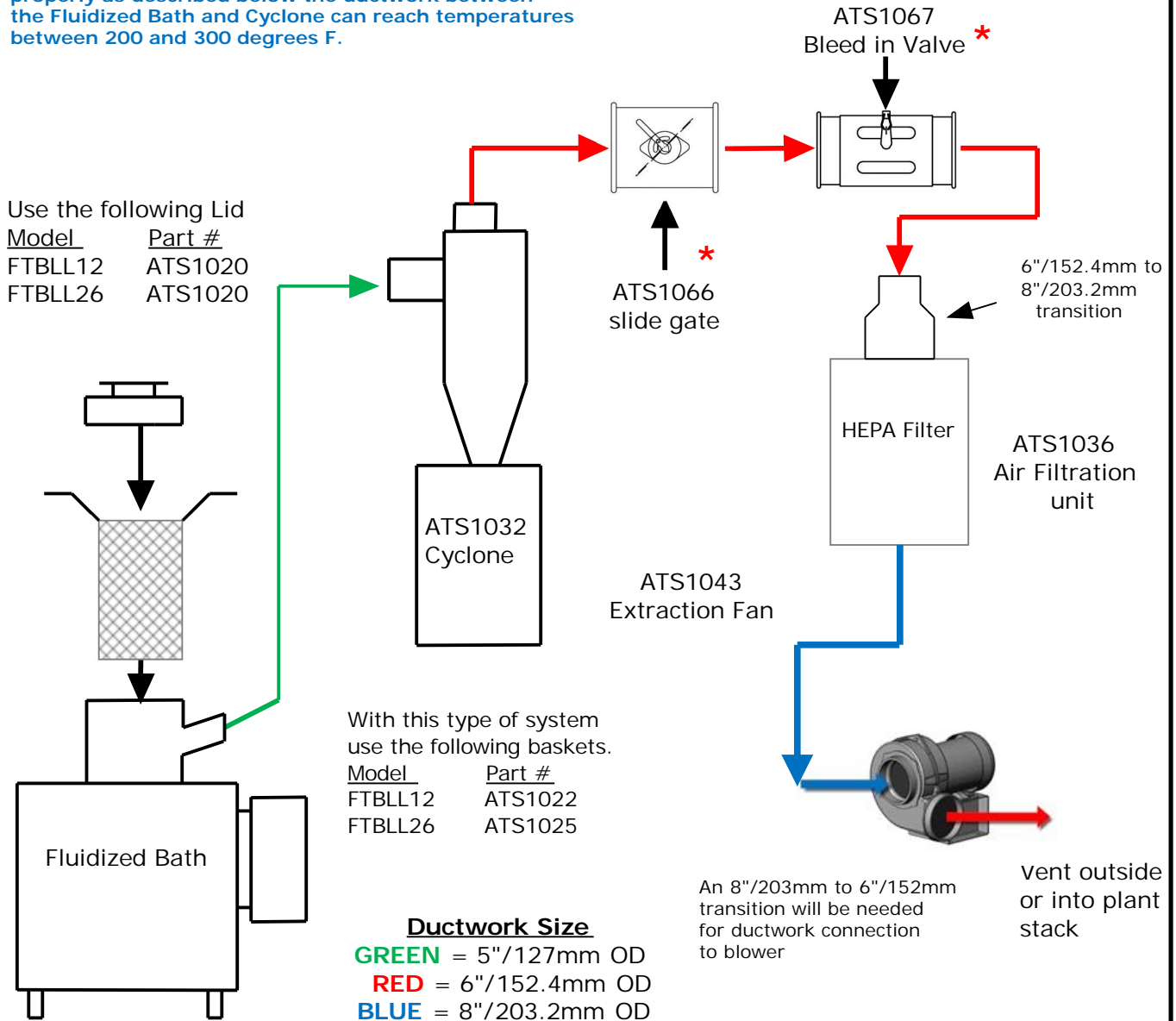
The following system will filter out fumes and smoke from the exhaust stream for venting outside or into the plant stack.

Customer is responsible for obtaining and installing all interconnecting ductwork between components. There are no exact lengths required between each component although the blower should be no more than 10 to 12 feet from the Cyclone for optimum fume extraction. When the extraction rate is setup properly as described below the ductwork between the Fluidized Bath and Cyclone can reach temperatures between 200 and 300 degrees F.



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With parts in the bath and lid on, the damper/slide gate valve would be adjusted so fumes and smoke are pulled away from the bath and into the air filtration system. If the damper is open too much it creates a negative pressure in the bath working area resulting in significant heat and sand loss. The purpose of the Cyclone is to recover any sand pulled out and heavier deposits which can be sieved and reused. The bleed in valve is opened to cool down the exhaust air stream before entering the filtration unit.

DIAGRAM #2

The following system will extract fumes from the Fluidized Bath venting them into your plant exhaust stack.

NOTE: Customer is responsible for investigating local environmental regulations and any air quality permits that may be required when using thermal cleaning equipment.

Customer is responsible for obtaining and installing all interconnecting ductwork between components. There are no exact lengths required between each component although the blower should be no more than 10 to 12 feet away from the Cyclone for optimum fume extraction. When the extraction rate is setup properly as described below the ductwork between the Fluidized Bath and Cyclone can reach temperatures between 200 and 300 degrees F.

DUCTWORK SIZES

GREEN = 5" / 127mm OD

RED = 6" / 152.4mm OD

Use the following Lid

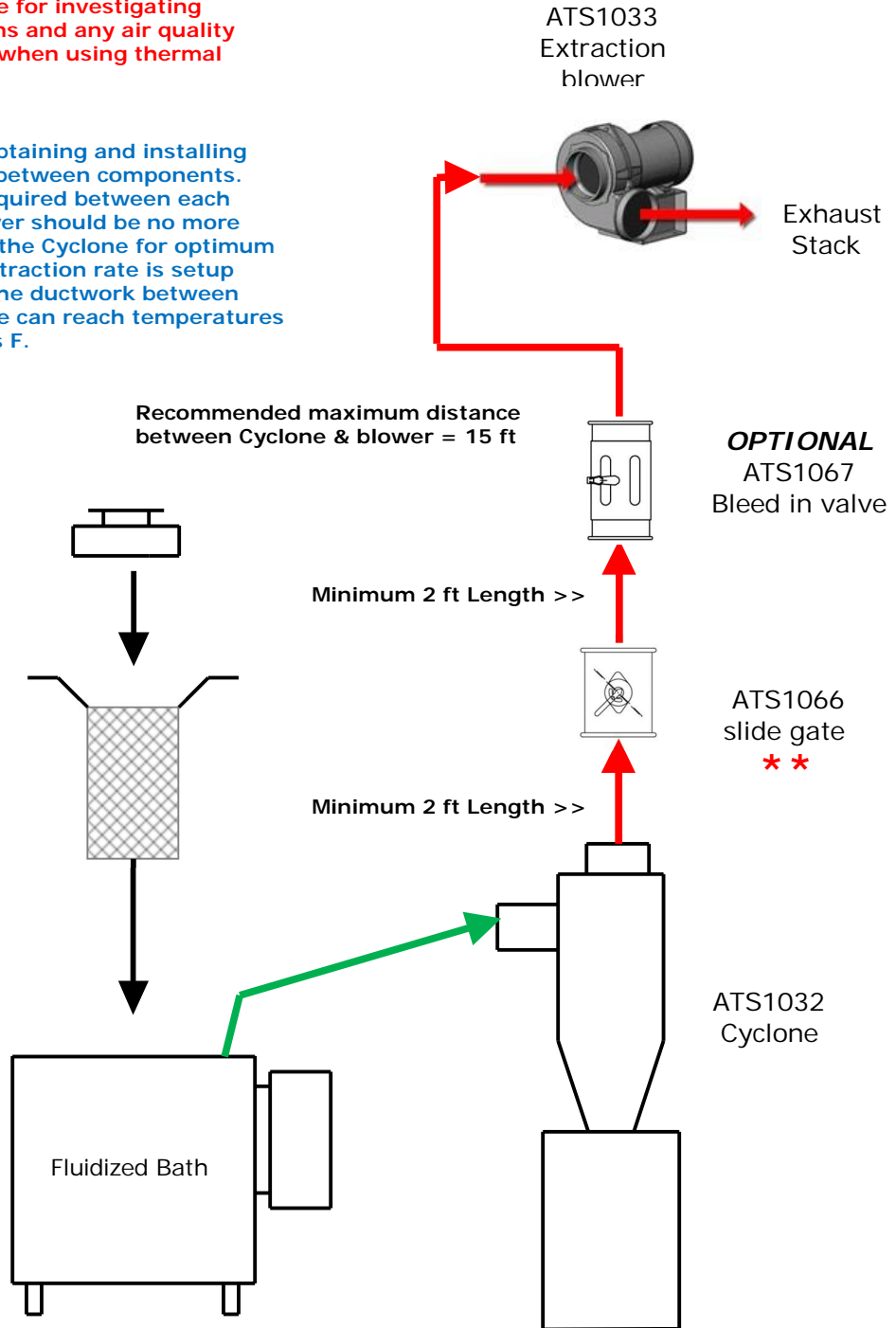
Model	Part #
FTBLL12W	ATS1087
FTBLL27	ATS1031
FTBLL47	ATS1031

With this type of system use the following baskets.

Model	Part #
FTBLL12W	ATS1088
FTBLL12W	ATS1108
FTBLL27	ATS1053
FTBLL47	ATS1030



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With parts in the bath and lid on, the slide gate would be adjusted so fumes and smoke are pulled away from the bath and into the exhaust system. If the damper is open too much it would create a negative pressure in the bath working area resulting in significant heat and sand loss. The purpose of the Cyclone is to recover any sand pulled out and heavier deposits which can be sieved and reused.

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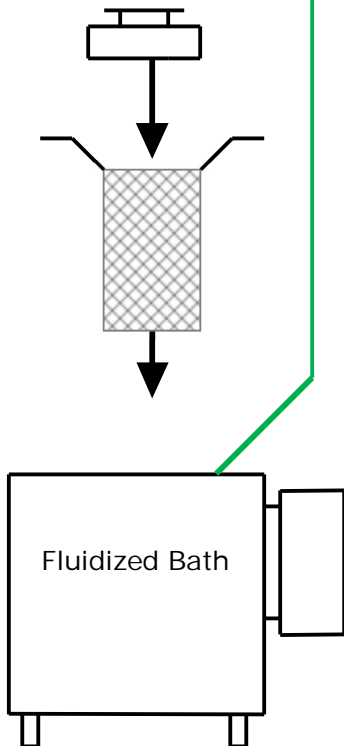
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Use the following Lid
Model Part #
FTBLL12W ATS1087
FTBLL27 ATS1031
FTBLL47 ATS1031



With this type of system use the following baskets.

Model	Part #
FTBLL12W	ATS1088
FTBLL12W	ATS1108
FTBLL27	ATS1053
FTBLL47	ATS1030

Ductwork Size

- GREEN** = 5"/127mm OD
- RED** = 6"/152.4mm OD
- BLUE** = 8"/203.2mm OD

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With parts in the bath and lid on, the damper/slide gate valve would be adjusted so fumes and smoke are pulled away from the bath and into the air filtration system. If the damper is open too much it creates a negative pressure in the bath working area resulting in significant heat and sand loss. The purpose of the Cyclone is to recover any sand pulled out and heavier deposits which can be sieved and reused. The bleed in valve is opened to cool down the exhaust air stream before entering the filtration unit.

