DIAGRAM #1

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

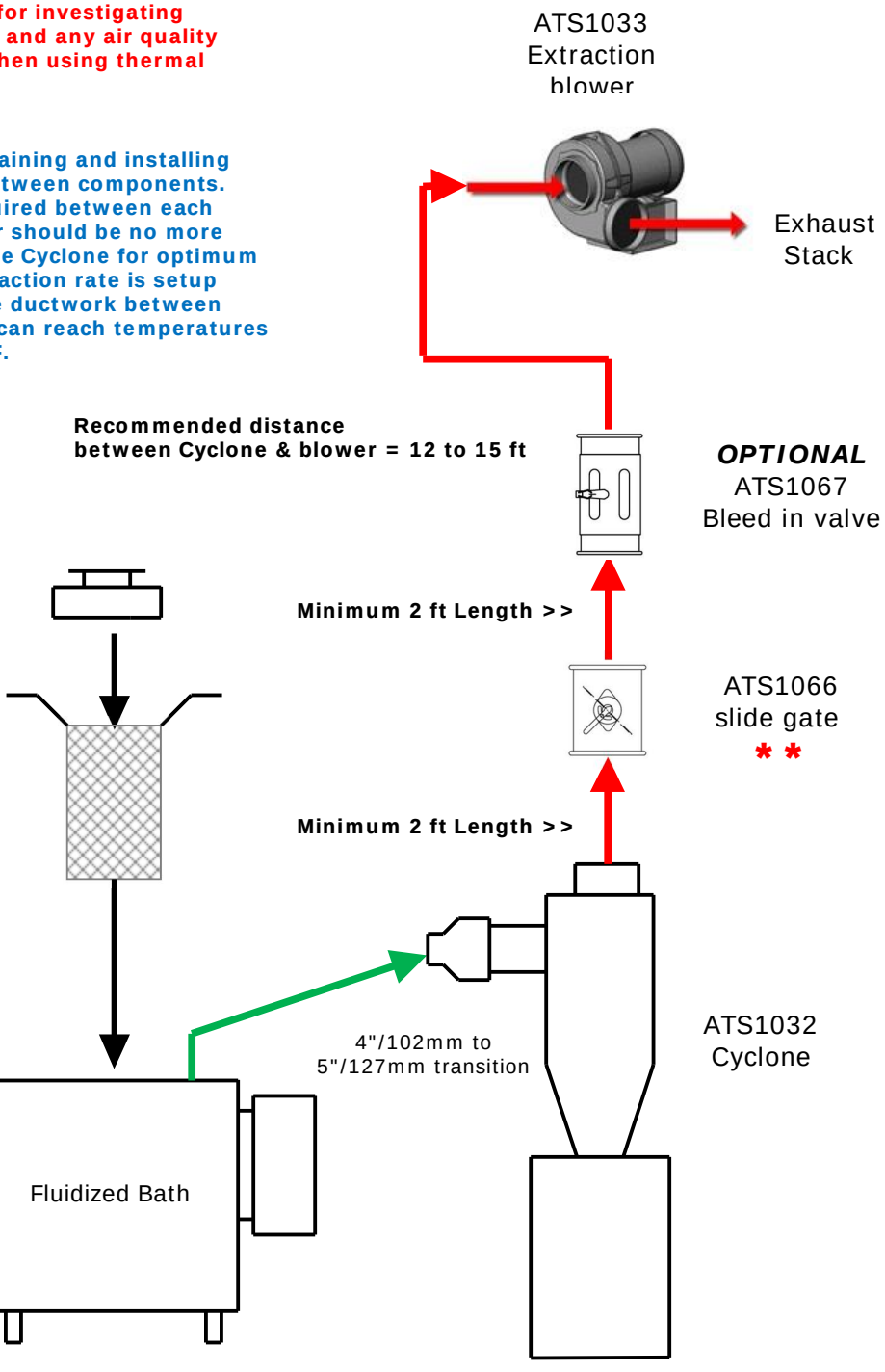
NOTE: Customer is responsible for investigating local environmental regulations and any air quality permits that may be required when using thermal cleaning equipment.

ACCURATE THERMAL SYSTEMS
BETTER BY DEGREE

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

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	ATS1121
FTBLL26	ATS1122

* *

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.

DIAGRAM #2

Recommended layout for ECU1

The following system will filter out fumes and smoke from the exhaust stream.

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BETTER BY DEGREE

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Hainesport, NJ 08036
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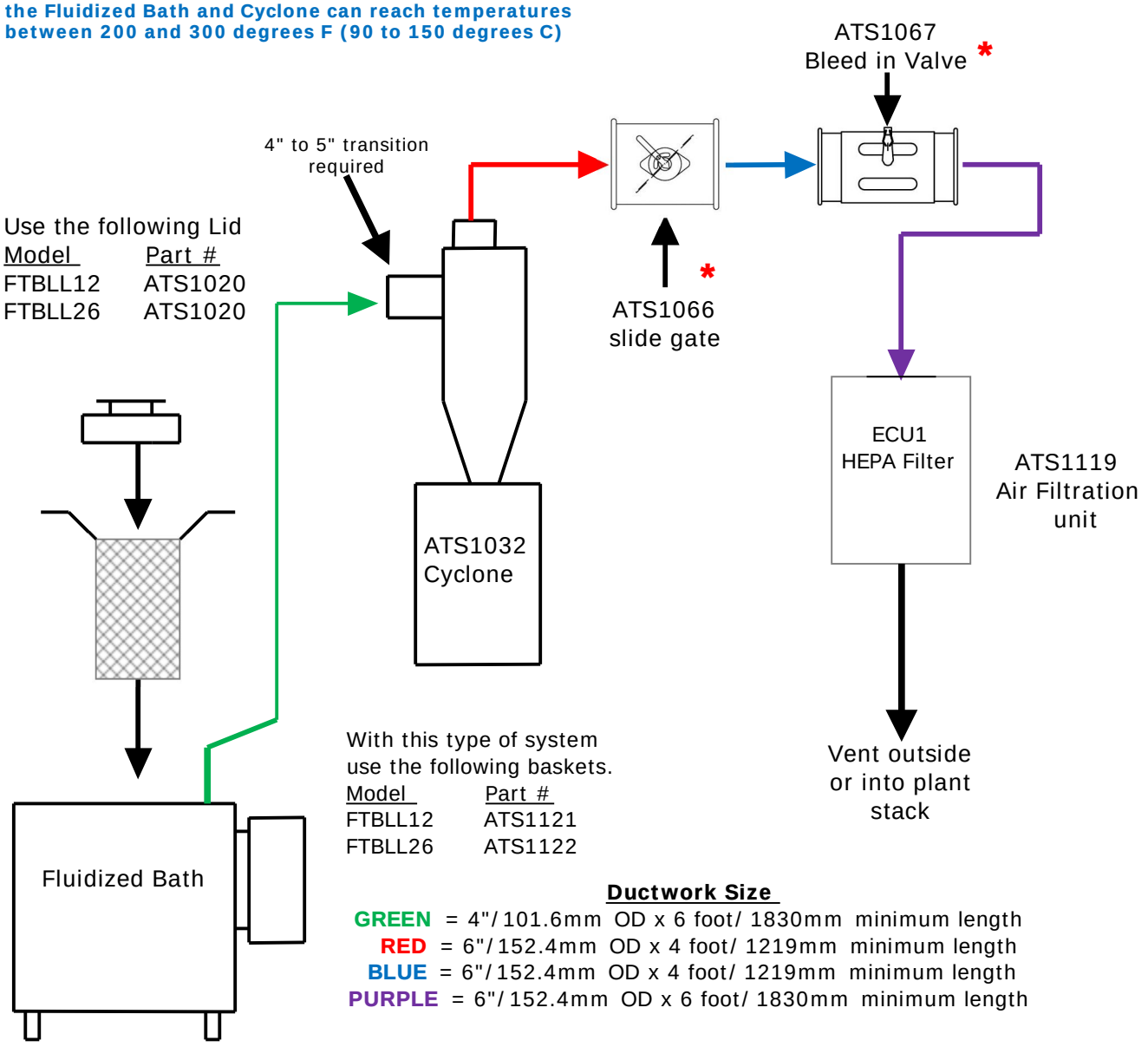
Ph: 609-326-3190

Customer is responsible for obtaining and installing all interconnecting ductwork between components. The ductwork lengths shown below are suggested minimums to keep components sufficiently cool. 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 (90 to 150 degrees C)

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



With this type of system use the following baskets.

Model	Part #
FTBLL12	ATS1121
FTBLL26	ATS1122

Ductwork Size

GREEN = 4"/101.6mm OD x 6 foot/ 1830mm minimum length
RED = 6"/152.4mm OD x 4 foot/ 1219mm minimum length
BLUE = 6"/152.4mm OD x 4 foot/ 1219mm minimum length
PURPLE = 6"/152.4mm OD x 6 foot/ 1830mm minimum length

*

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 and to dilute captured fumes and smoke, In most cases should be opened nearly 100%. The inlet air temperature into the ECU1 HEPA filter and supplied black tubing should be less than 130 deg F or 55 deg C.

DIAGRAM #1

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.

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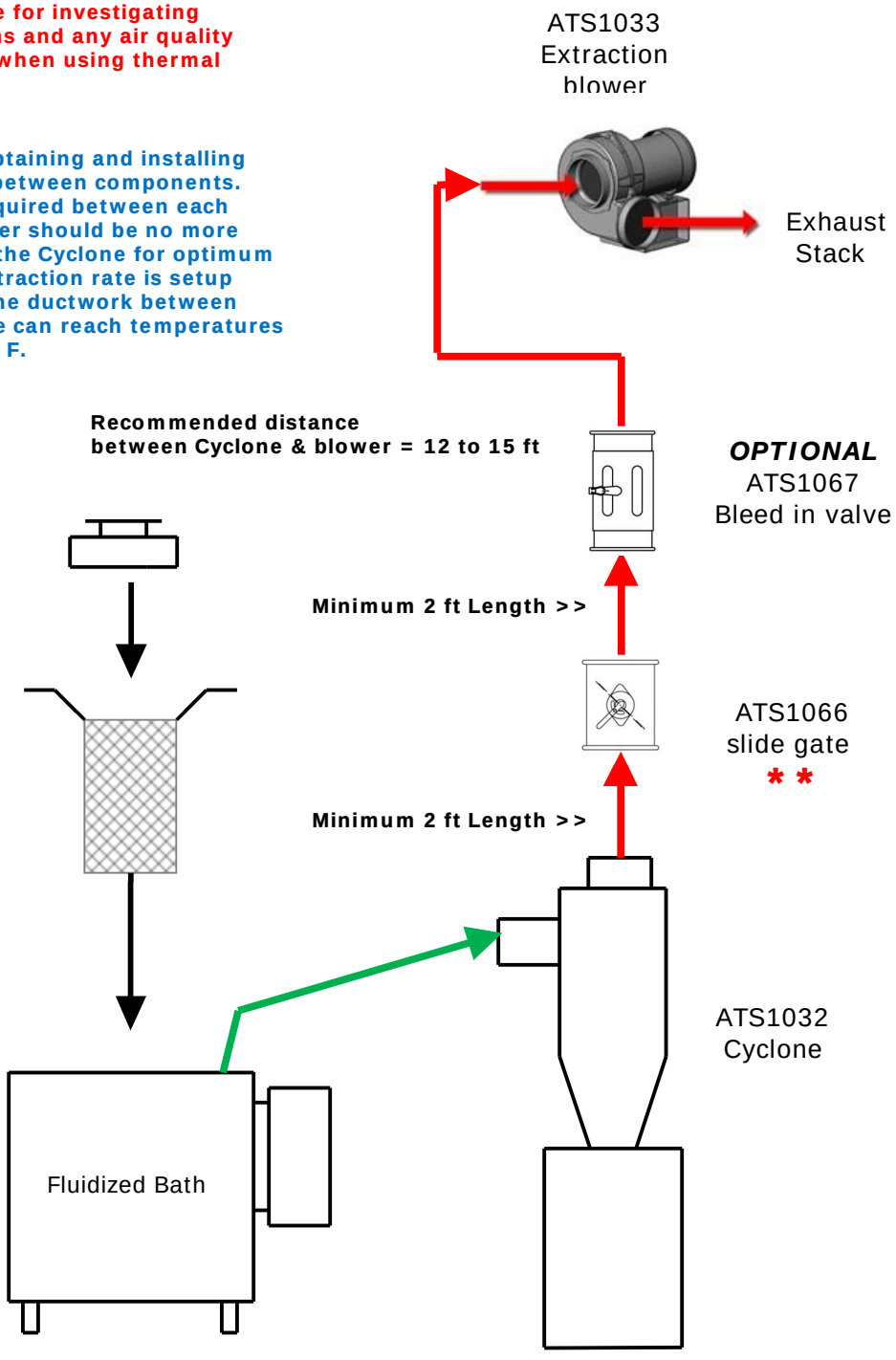
Ph: 609-326-3190

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

* *

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.

DIAGRAM #2

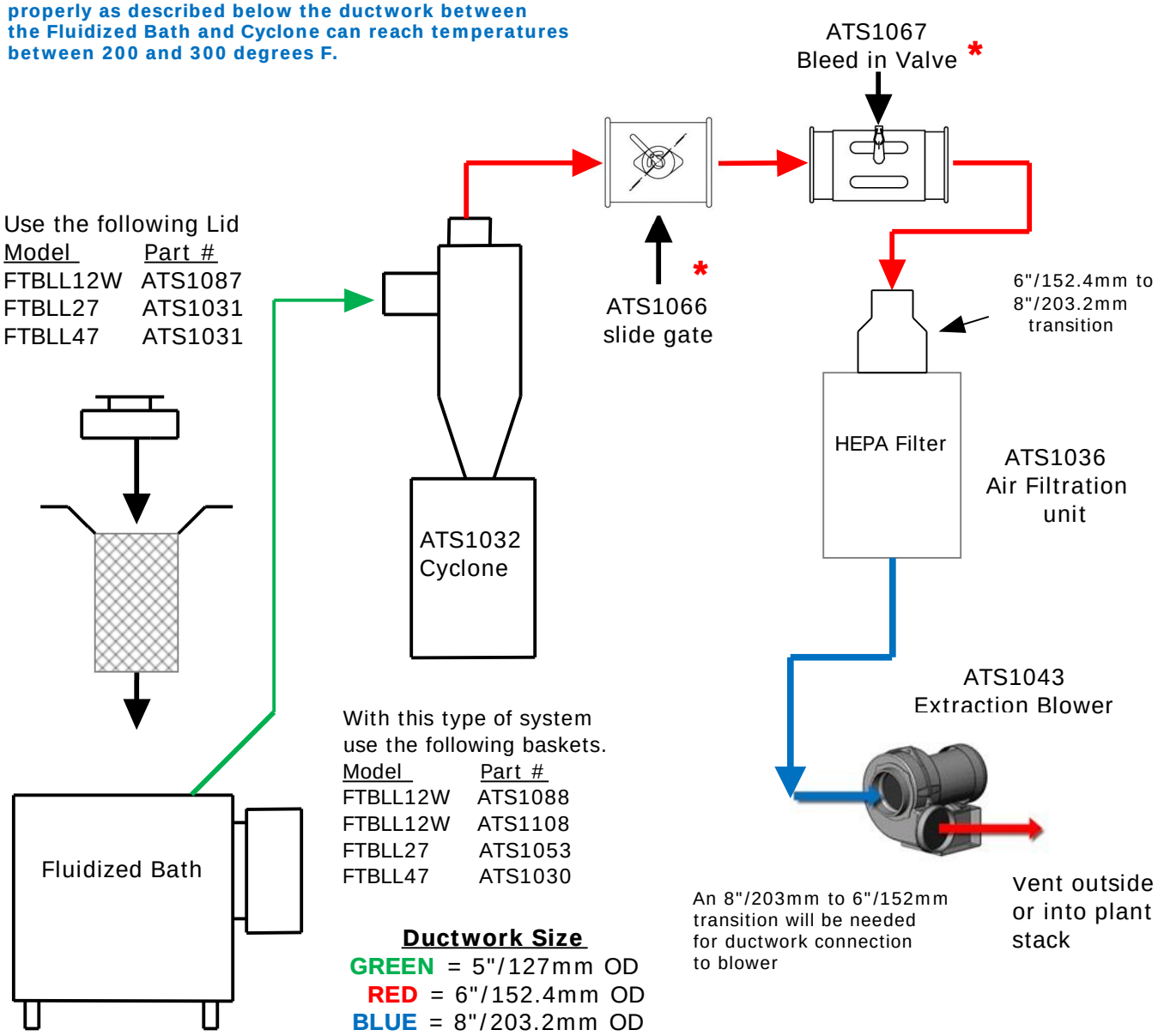
The following system will filter out fumes and smoke from the exhaust stream for venting outside or into the plant stack.

ACCURATE THERMAL SYSTEMS
BETTER BY DEGREE

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

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.

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



With this type of system use the following baskets.

Model	Part #
FTBLL12W	ATS1088
FTBLL12W	ATS1108
FTBLL27	ATS1053
FTBLL47	ATS1030

An 8"/203mm to 6"/152mm transition will be needed for ductwork connection to blower

Ductwork Size

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

*

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.