LESS NOISE
LESS ENERGY

MORE AIRFLOW
MORE COOLING



The RV System optimizes the airflow of your RV A/C system, increasing airflow by an average of 40%, improving performance and speeding cooling times while reducing noise and energy usage.

Get Less AND More with RV Airflow Systems.
Visit rvairflow.com or Call (574) 536-2472

RV AIRFLOW SYSTEMS™

ARE YOU COOL YET?



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COOLS YOUR UNIT FASTER

By increasing airflow, the RV Airflow System reduces the time it takes for your A/C to cool your RV, making you comfortable faster!

SAVES ENERGY AND COSTS

With the improved performance from improved airflow, it will take less energy to keep you cool and comfortable!

BALANCES AIRFLOW THROUGHOUT THE RV

The increase in airflow helps make sure cool air makes it out to even the vents furthest away from the A/C.

BALANCES AIRFLOW THROUGHOUT THE RV

The combination of directing the airflow through our system and our injection molded 3lb EPS material, you will enjoy an average decrease of three decibels!

INSTRUCTION SHEET: COLEMAN MACH 3, 8, 10, 13.5, 15 Q

RV AIRFLOW SYSTEMS™

Tools Required

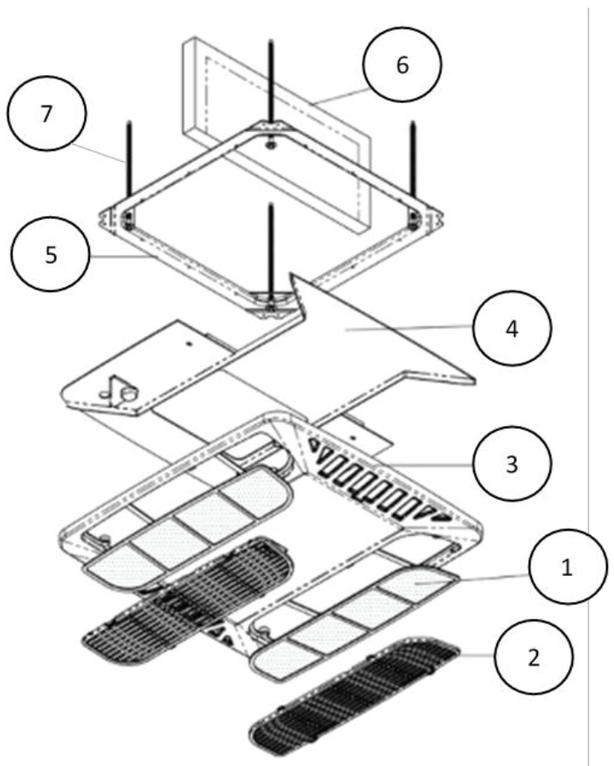
1. Stepstool or ladder
2. Cordless drill
3. Phillips head #2 screwdriver or drill adapter head
4. Square Head #2 screwdriver or drill adapter head
5. Utility Knife

Airflow System Parts List

1. Duct inserts (two)
2. Airflow System
3. HVAC Seal Tap
4. Duct Adapters (If Required)
5. Did Not Fit Card

Ceiling Assembly Parts List

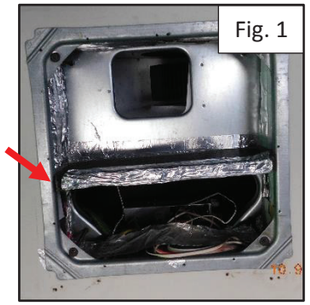
1. Filter cover (two)
2. Filter (two)
3. Shroud
4. Air shower plate
5. Mounting plate
6. 1-inch separator
7. 5/16-inch lag bolt (four)



Part # CM31AS

Remove Ceiling Assembly

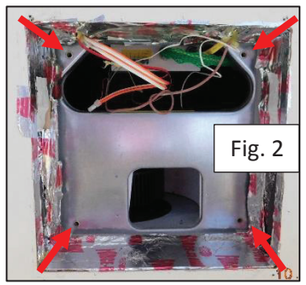
1. Remove filter covers.
2. Remove filters.
3. Remove Assembly cover (set all screws aside for later use).
4. Remove air shower plate **and discard**.
5. Remove mounting plate.
    a. Remove the four 5/16-inch bolts.
    b. Set aside for later use.
6. Remove 1-inch separator (see fig.1) **and discard**.
    a. Remove any silver foil tape used to install the separator.


Fig. 1

Plenum Area Preparation

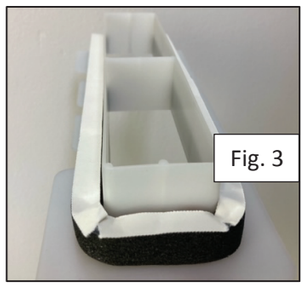
Prepare the plenum for installing the Airflow System (AFS).

1. Remove and replace any loose foil tape in the main plenum area.
2. Remove and replace loose pieces of foil tape around ducts.
3. Remove and discard factory installed duct inserts if present.
4. Test fit AFS by doing the following.
    a. Gently place AFS into plenum.
    b. Insert rear lag bolts through AFS.
    c. If they start and thread easily, proceed to installation procedures.
5. If lag bolts do not thread easily, then air conditioner needs to be centered.
    a. Remove the AFS from the plenum, gently lift the air conditioner and move it side-to-side or front-to-back, to adjust air conditioner as needed.
    b. The bolt holes should be aligned evenly in plenum (see fig.2).
    c. Install AFS again to ensure lag bolts thread.
    d. Repeat these steps, if needed, until lag bolts thread easily with AFS installed.
6. Be sure to remove the AFS before proceeding with installation procedures.


Fig. 2

Install AFS

1. Remove yellow strip from gasket and place around lip of duct insert.
2. Remove adhesive backing from duct inserts (see fig.3).
3. Place duct inserts into opening of plenum ducts, shear edge to back (see fig.4).
4. Place AFS into plenum (see fig.5).
5. If ducting is smaller then 7.5” refer to back or “Did Not Fit” card.


Fig. 3

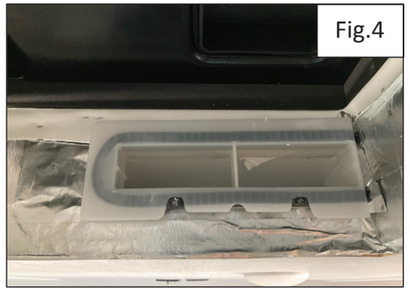
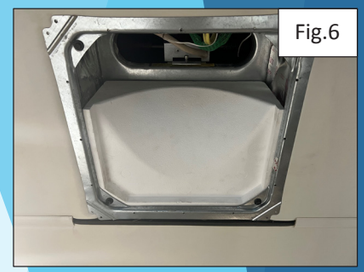
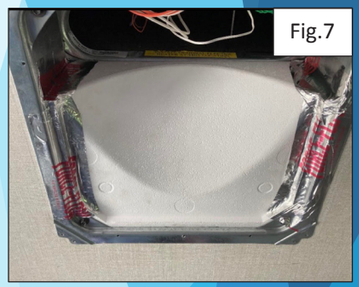

Fig.4


Fig.5


Fig.6


Fig.7

a. Start with a 45-degree angle.
b. Handle with care to avoid damaging AFS.
c. It should slide up against top of plenum and duct inserts.

INSTALLATION TIP:

If the AFS is too tight to insert:

1. Cut instruction sheet on center line to use as shims.
2. Place between duct inserts and AFS.
3. Slide AFS into place using shims.
4. Gently remove shims.
5. Use HVAC tape to cover where AFS meets side wall of plenum.

Restore Ceiling Assembly

1. Install mounting plate (**HAND TIGHTEN ONLY**).
    a. Start with one lag bolt.
    b. Insert in front corner while holding mounting plate at opposite corner.
    c. Install remaining three lag bolts (start with other front lag bolt).
    d. Using your drill, tighten all four lag bolts EVENLY, within 20-30 Inch pounder. If using a Wrench tighten 5-6 full revolutions past snug.
    e. Torque specifications are in accordance with Coleman Manufacturing.

    NOTE: Overtightening can damage the air conditioner’s base pan. Not enough torque can cause inadequate roof seal leading to water intrusion.
2. Reinstall Assembly cover using all screws.
3. Reinstall filters and filter covers.

NOTE: Do not reinstall the air shower plate.

Refer to front page of instruction sheet

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www.rvairflow.com
support@rvairflow.zendesk.com
(574)536-2472

INSTRUCTION SHEET: DOMETIC BRISK AIR II, EVOLUTION, PENGUIN II, BLIZZARD AND GE

RV AIRFLOW SYSTEMS™

Tools Required

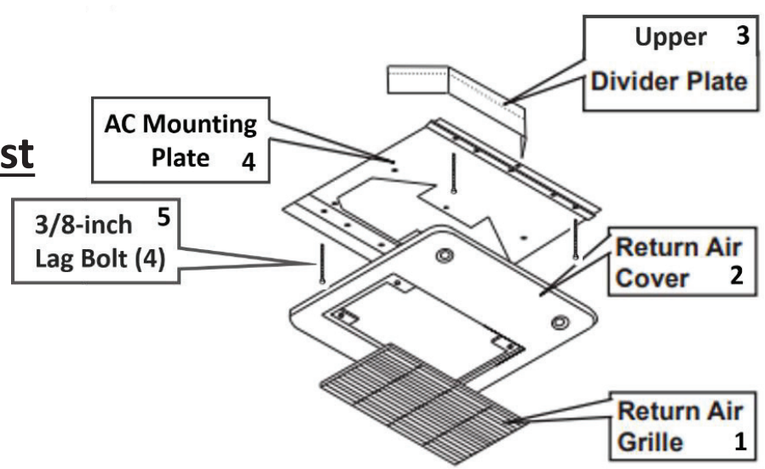
1. Stepstool or ladder
2. Cordless drill
3. 3/8-inch socket
4. Phillips head #2 screwdriver or drill adapter head
5. Square Head #2 screwdriver or drill adapter head

Airflow System Parts List

1. Duct inserts (two)
2. Airflow System (AFS)
3. HVAC Seal Tap
4. Duct Adapters (If Required)
5. Did Not Fit Card

Ceiling Assembly Parts List

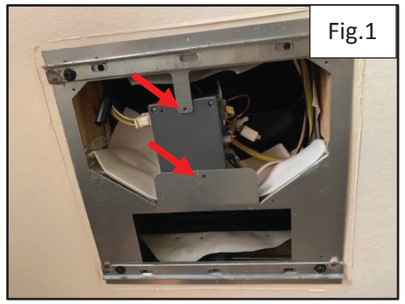
1. Return Air Grille
2. Return Air Cover
3. Upper Divider Plate
4. AC Mounting Plate
5. 3/8-inch Lag Bolts (four)

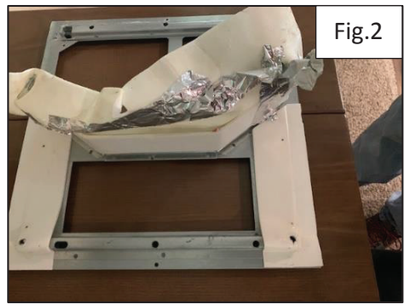


Part # DBA21AS

Remove Ceiling Assembly

1. Remove Return Air Grille.
2. Remove filter.
3. Remove screw covers.
4. Remove Return Air Cover (set all screws aside for later use).
5. Remove the two screws securing control box (see fig.1).
6. Remove AC Mounting Plate from plenum.
    a. Remove the four 3/8-inch lag bolts.
    b. Set aside for later use.
7. There are two divider plates in the plenum.
    a. Lower Divider Plate: welded to AC Mounting Plate.
    b. Upper Divider Plate: secured to lower divider plate by foil tape or white foam rubber (see fig.2).
    c. Peel off foil tape or foam rubber connecting the two divider plates.
    d. **Discard** foil tape/foam rubber and Upper Divider Plate.

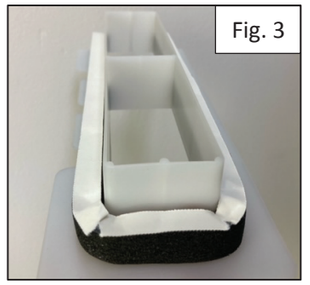

Fig.1


Fig.2

Plenum Area Preparation

Prepare plenum for Airflow System (AFS) installation.

1. Remove and replace all loose foil tape or foam rubber in plenum area.
2. Make sure the air conditioner bolt holes are centered to plenum.
3. Remove and discard factory installed duct inserts if present.


Fig. 3

Install The AFS

1. Remove yellow strip from gasket and place around lip of duct insert.
2. Remove adhesive backing from duct inserts. (See fig. 3)
3. Place the inserts into the opening of the plenum ducts, shear edge to the back. (See fig. 4)
4. Place the AFS into the plenum. (See fig. 5)
    a. Start with a 45-degree angle.
    b. Handle with care to avoid damaging the AFS.
    c. It should slide up against the top of plenum and the duct inserts.

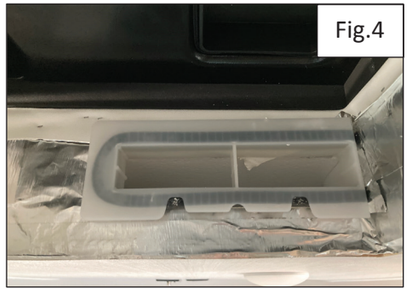

Fig.4


Fig.5

INSTALLATION TIP:

If the AFS is too tight to insert:

1. Cut instruction sheet on the center line to use as shims.
2. Place between duct inserts and AFS.
3. Slide AFS into place using shims.
4. Gently remove shims.
5. You will notice our duct insert is 7.625 inches wide and our system is only 7.25 inches wide because we have our bolt path on the exterior of our kit. This means there could be some ducting exposed. (fig. 6 & 7)
6. You will need to cover this exposure with the HVAC tape that is included in your kit (fig. 8)

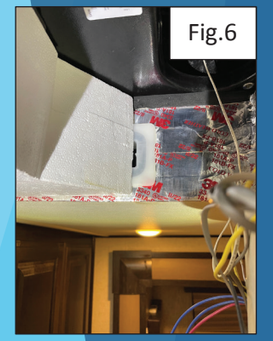

Fig.6


Fig.7


Fig.8

Restore Ceiling Assembly

1. Install mounting plate (HAND TIGHTEN ONLY).
    a. Start with one lag bolt.
    b. Insert in front corner while holding mounting plate at opposite corner.
    c. Install remaining three lag bolts (start with other front lag bolt).
    d. Using your drill, tighten all four lag bolts EVENLY, within 20-30 Inch pounder. If using a Wrench tighten 5-6 full revolutions past snug.
    e. Torque specifications are in accordance with Dometic Manufacturing.

NOTE: Overtightening can damage the air conditioner's base pan. Not enough torque can cause inadequate roof seal leading to water intrusion.

2. Reinstall the two screws for the control box.
3. Reinstall Return Air Cover using all screws.
4. Reinstall screw covers.
5. Reinstall filter and Return Air Grill

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www.rvairflow.com

support@rvairflow.zendesk.com

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INSTRUCTION SHEET: FURRION CHILL

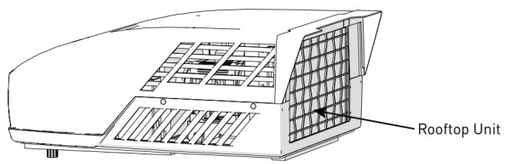
RV AIRFLOW SYSTEMS™

Tools Required

1. Stepstool or ladder
2. Cordless drill
3. Phillips Head #2 screwdriver or drill adapter head
4. Square Head #2 screwdriver or drill adapter head
5. Utility Knife
6. Hexbolt

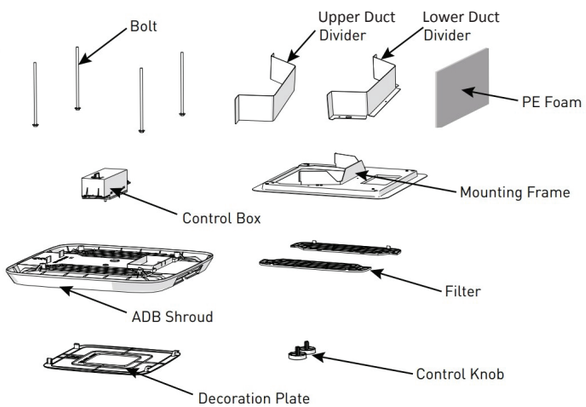
Airflow System Parts List

1. Duct inserts (two)
2. Airflow System
3. HVAC Seal Tape
4. Duct Adapters (if required)
5. Did Not Fit Card



Ceiling Assembly Parts List

1. Filter cover
2. Filter
3. Shroud
4. Mounting Frame
5. Lower Duct Divider
6. Upper Duct Divider
7. 5/16-inch lag bolt (four)



Remove Ceiling Assembly

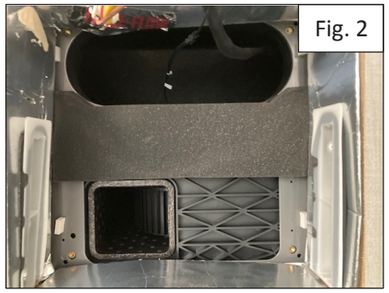
1. Remove filter covers.
2. Remove filters.
3. Remove Assembly cover (set all screws aside for later use).
4. Remove mounting plate
    a. Remove the four 5/16-inch bolts.
    b. Set aside for later use.
5. Remove upper/lower duct dividers and discard (see fig. 1)

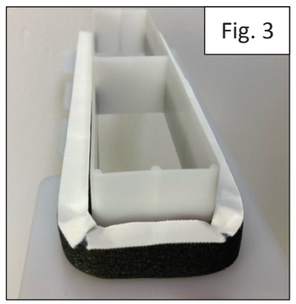

Fig. 1

Plenum Area Preparation

Prepare the plenum for installing the Airflow System (AFS).

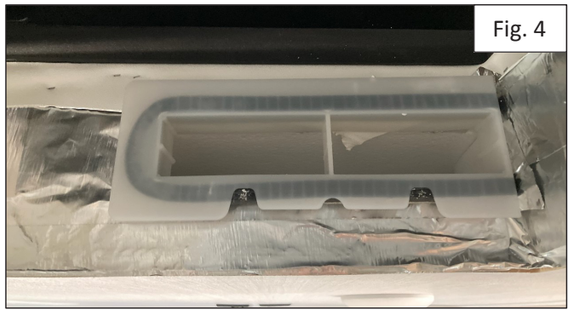
1. Remove and replace any loose foil tape in the main plenum area.
2. Remove and replace loose pieces of foil tape around ducts.
3. Remove and discard factory installed duct inserts if present.
4. Test fit AFS by doing the following.
    a. Gently place AFS into plenum.
    b. Insert rear lag bolts through AFS.
    c. If they start and thread easily, proceed to installation procedures.
5. If lag bolts do not thread easily, then air conditioner needs to be centered.
    a. Remove the AFS from the plenum, gently lift the air conditioner and move it side-to-side or front-to-back, to adjust air conditioner as needed.
    b. The bolt holes should be aligned evenly in plenum (see fig.2).
    c. Install AFS again to ensure lag bolts thread easily.
    d. Repeat these steps, if needed, until lag bolts thread easily with AFS installed.
6. Be sure to remove the AFS before proceeding with installation procedures.

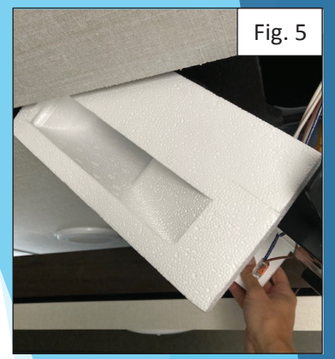

Fig. 2


Fig. 3

Install AFS

1. Remove yellow strip from gasket and place around lip of duct insert.
2. Remove adhesive backing from duct inserts (see fig. 3).
3. Place duct inserts into opening of plenum ducts, shear edge to back (see fig. 4).
4. Place AFS into plenum (see fig. 5).
    a. Start with a 45-degree angle.
    b. Handle with care to avoid damaging AFS.
    c. It should slide up against top of plenum and the duct inserts


Fig. 4


Fig. 5

INSTALLATION TIP:

If the AFS is too tight to insert:

1. Cut instruction sheet on center line to use as shims.
2. Place between duct inserts and AFS.
3. Slide AFS into place using shims.
4. Gently remove shims.


Fig. 6

Restore Ceiling Assembly

1. Install mounting plate **(HAND TIGHTEN ONLY)**.
    a. Start with one lag bolt.
    b. Insert in front corner while holding mounting plate at opposite corner.
    c. Install remaining three lag bolts (start with other front lag bolt).
    d. Using your drill, tighten all four lag bolts EVENLY, within 20-30 Inch pounds. If using a Wrench tighten 5-6 full revolutions past snug.
    e. Torque specifications are in accordance with Furrion

    NOTE: Overtightening can damage the air conditioner's base pan. Not enough torque can cause inadequate roof seal leading to water intrusion.
2. Reinstall Assembly cover using all screws.
3. Reinstall filters and filter covers.

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