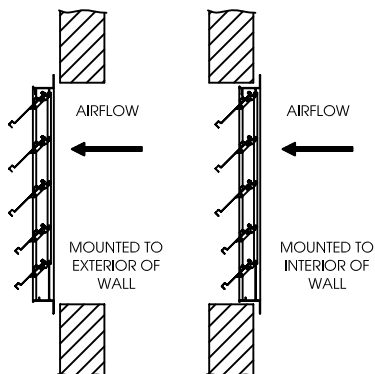
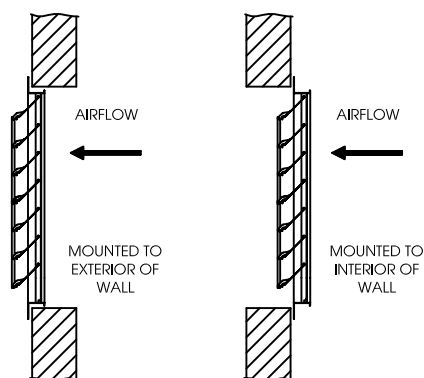
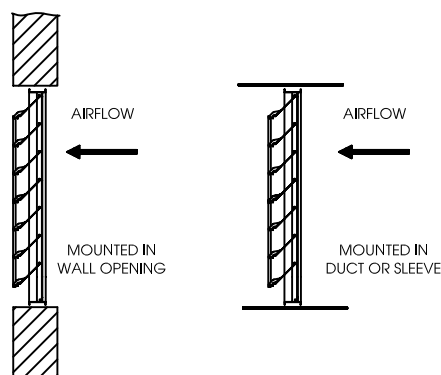
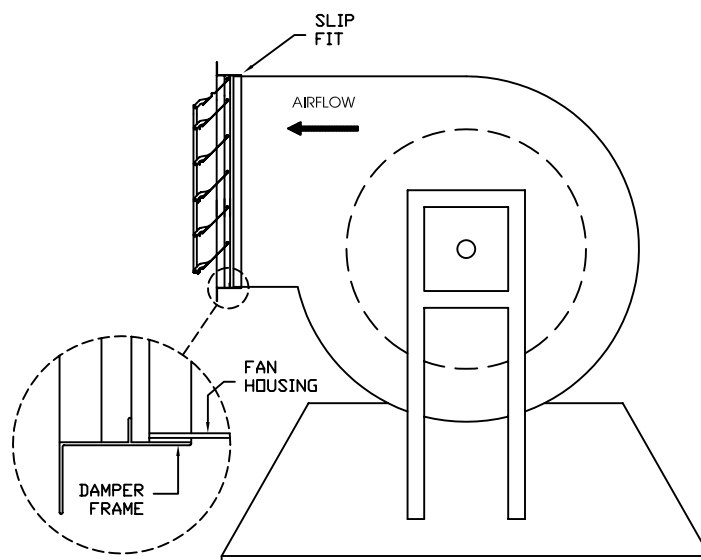


****CAUTION******NOTES FROM THE MANUFACTURER******CAUTION****

1. AFTER UNPACKING AND BEFORE INSTALLING THE DAMPER(S), INSPECT FOR SATISFACTORY OPERATION BY MANUALLY CYCLING THE UNITS SEVERAL TIMES. NOTIFY THE MANUFACTURER PROMPTLY IF A DAMPER(S) DOES NOT FUNCTION TO YOUR SATISFACTION.
2. THE INSTALLATION OF ALL DAMPER(S) MUST BE ACCESSIBLE FOR EASY INSPECTION AND MAINTENANCE. THE DAMPERS MUST HAVE THE ABILITY TO BE REMOVED EASILY.
3. THE DAMPER MANUFACTURER WILL NOT BE RESPONSIBLE FOR REMOVAL OR FOR PROVIDING EQUIPMENT TO ACCESS THE DAMPERS ONCE INSTALLED.
4. IF YOU ARE INSTALLING SEVERAL DAMPERS AND ONE UNIT IS FOUND TO BE NOT OPERATING TO YOUR SATISFACTION, "STOP" AND CONTACT THE DAMPER MANUFACTURER FOR IMMEDIATE ASSISTANCE BEFORE CONTINUING.

****CAUTION******NOTES FROM THE MANUFACTURER******CAUTION******TYPICAL MOUNTING ARRANGEMENTS
FOR VERTICALLY MOUNTED
BACKDRAFT DAMPERS****STANDARD FLANGE FRAME
(MODEL BD-16 SHOWN)****REVERSE FLANGE FRAME
(MODEL BD-20 SHOWN)****DROP-IN FRAME
(MODEL BD-20 SHOWN)****INSTALLATION NOTES**

1. BACKDRAFT DAMPERS SHOULD BE MOUNTED PLUMB, SQUARE AND IN A SINGLE PLANE. CARE SHOULD BE TAKEN NOT TO TWIST THE JAMBS, THEREBY PUTTING A BIND IN THE BEARINGS. CARE SHOULD ALSO BE TAKEN NOT TO BOW THE JAMBS EITHER IN OR OUT. BOWING THE JAMBS OUT CAN ALLOW THE SHAFTS TO COME OUT OF THE BEARINGS. BOWING THE JAMBS IN CAN PUT EXCESS PRESSURE ON THE BEARING SHOULDERS, THEREBY CAUSING A BIND.
2. AFTER THE DAMPER IS INSTALLED, OPEN AND CLOSE IT SEVERAL TIMES MANUALLY TO BE SURE IT IS OPERATING FREELY.
3. IF THE DAMPER CAME WITH AN ATTACHED ELECTRIC ACTUATOR, BE SURE THE DAMPER IS INSTALLED WITH THE ACTUATOR ON THE INSIDE OF THE BUILDING (OUT OF THE WEATHER). THE ACTUATOR SHOULD BE WIRED TO A PROPER VOLTAGE SOURCE.
4. IF THE DAMPER IS SUPPLIED WITH A MOTOR KIT, FOLLOW THE INSTALLATIONS INSTRUCTIONS THAT CAME WITH THE KIT. THE ACTUATOR MUST BE LOCATED INSIDE THE BUILDING (OUT OF THE WEATHER) AND WIRED TO A PROPER VOLTAGE SOURCE.
5. IF THE DAMPER CAME WITH A MANUAL PULL CHAIN OPERATOR, FIND A CONVENIENT POINT BELOW THE DAMPER AND MOUNT THE CHAIN CLAW. THE CLAW MUST BE INSTALLED WITHIN THE REACH OF THE CHAIN.
6. OTHER MODELS MAY HAVE EITHER NO LINKAGE OR LINKAGE OF A DIFFERENT DESIGN. BE SURE AIR FLOW IS IN A DIRECTION THAT WILL OPEN THE DAMPER BLADES.

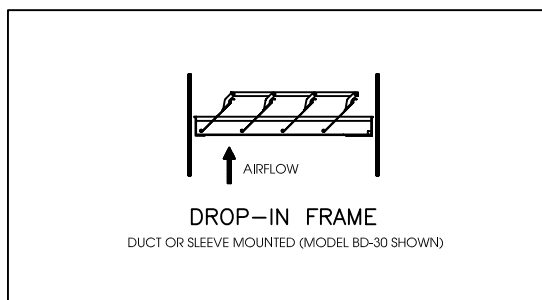
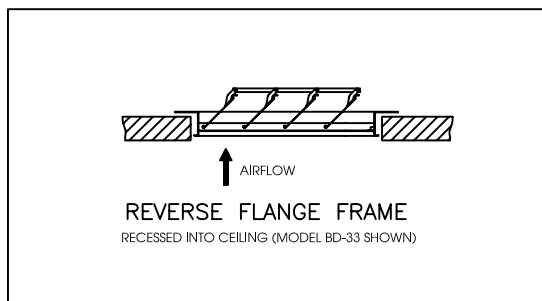
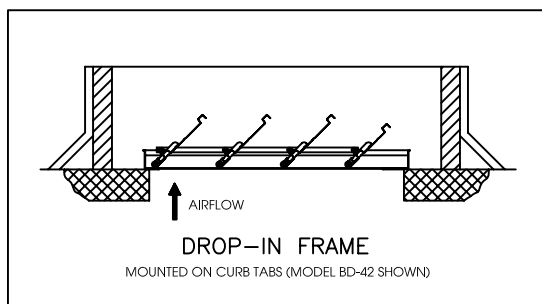
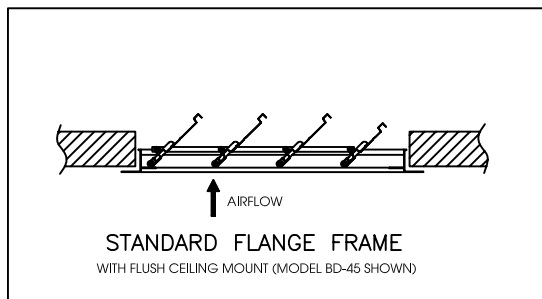
**UTILITY SET MOUNTING (MODEL BD-36 SHOWN)**

****CAUTION******NOTES FROM THE MANUFACTURER******CAUTION****

1. AFTER UNPACKING AND BEFORE INSTALLING THE DAMPER(S), INSPECT FOR SATISFACTORY OPERATION BY MANUALLY CYCLING THE UNITS SEVERAL TIMES. NOTIFY THE MANUFACTURER PROMPTLY IF A DAMPER(S) DOES NOT FUNCTION TO YOUR SATISFACTION.
2. THE INSTALLATION OF ALL DAMPER(S) MUST BE ACCESSIBLE FOR EASY INSPECTION AND MAINTENANCE. THE DAMPERS MUST HAVE THE ABILITY TO BE REMOVED EASILY.
3. THE DAMPER MANUFACTURER WILL NOT BE RESPONSIBLE FOR REMOVAL OR FOR PROVIDING EQUIPMENT TO ACCESS THE DAMPERS ONCE INSTALLED.
4. IF YOU ARE INSTALLING SEVERAL DAMPERS AND ONE UNIT IS FOUND TO BE NOT OPERATING TO YOUR SATISFACTION, "STOP" AND CONTACT THE DAMPER MANUFACTURER FOR IMMEDIATE ASSISTANCE BEFORE CONTINUING.

****CAUTION******NOTES FROM THE MANUFACTURER******CAUTION****

TYPICAL MOUNTING ARRANGEMENTS FOR HORIZONTALLY MOUNTED BACKDRAFT DAMPERS (WITH UP AIRFLOW)



INSTALLATION NOTES

1. BACKDRAFT DAMPERS SHOULD BE MOUNTED HORIZONTALLY, SQUARE AND IN A SINGLE PLANE. CARE SHOULD BE TAKEN NOT TO TWIST THE JAMBS, THEREBY PUTTING A BIND IN THE BEARINGS. CARE SHOULD ALSO BE TAKEN NOT TO BOW THE JAMBS EITHER IN OR OUT. BOWING THE JAMBS OUT CAN ALLOW THE SHAFTS TO COME OUT OF THE BEARINGS. BOWING THE JAMBS IN CAN PUT EXCESS PRESSURE ON THE BEARING SHOULDERS, THEREBY CAUSING A BIND.
2. AFTER THE DAMPER IS INSTALLED, OPEN AND CLOSE IT SEVERAL TIMES MANUALLY TO BE SURE IT IS OPERATING FREELY.
3. IF THE DAMPER CAME WITH AN ATTACHED ELECTRIC ACTUATOR, BE SURE THE DAMPER IS INSTALLED WITH THE ACTUATOR MOUNTED ABOVE THE PLANE OF THE CLOSED BLADES. THE ACTUATOR MUST BE MOUNTED SO IT IS PROTECTED FROM THE WEATHER BY A ROOF VENTILATOR OR BUILDING (ATTIC) SPACE. THE ACTUATOR SHOULD BE WIRED TO A PROPER VOLTAGE SOURCE.
4. IF THE DAMPER IS SUPPLIED WITH A MOTOR KIT, FOLLOW THE INSTALLATIONS INSTRUCTIONS THAT CAME WITH THE KIT. THE ACTUATOR MUST BE LOCATED ABOVE THE PLANE OF THE CLOSED BLADES, PROTECTED FROM THE WEATHER AND WIRED TO A PROPER VOLTAGE SOURCE.
5. IF THE DAMPER CAME WITH A MANUAL PULL CHAIN OPERATOR, FIND A CONVENIENT POINT BELOW THE DAMPER AND MOUNT THE CHAIN CLAW. THE CLAW MUST BE INSTALLED WITHIN THE REACH OF THE CHAIN.
6. OTHER MODELS MAY HAVE EITHER NO LINKAGE OR LINKAGE OF A DIFFERENT DESIGN. BE SURE AIR FLOW IS IN A DIRECTION THAT WILL OPEN THE DAMPER BLADES.