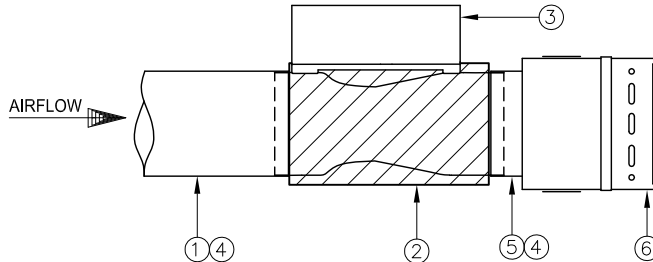


SLIP CONNECTION

SUPPLY AIR CONTROL VALVE

SCALE: NONE

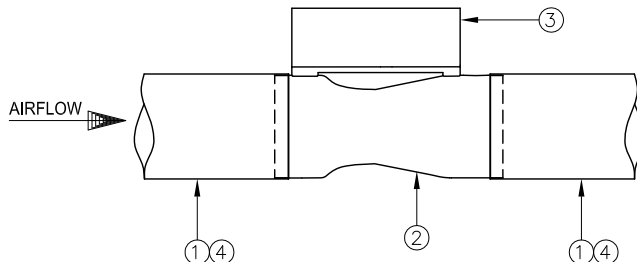


○ KEY NOTES

1. ROUND SHEET METAL BRANCH DUCT, SAME NOMINAL SIZE AS AIR CONTROL VALVE INLET SIZE, UNLESS NOTED OTHERWISE.
2. SUPPLY AIR CONTROL VALVE WITH EXTERNAL INSULATION TO PREVENT SWEATING.
3. CONTROL ENCLOSURE TO BE MOUNTED ON TOP, SIDES OR BOTTOM OF VALVES WHERE APPLICABLE TO PROVIDE BEST ACCESSIBILITY POSSIBLE. CONTRACTOR TO SHOW EXACT POSITION ON COORDINATION DRAWINGS.
4. EVENLY SPACED SIX (6) SHEET METAL SCREWS PER A SLIP CONNECTION TO CONNECT VALVE TO DUCT WORK.
5. TRANSITION WITH ACCESS DOORS PROVIDED BY HOT WATER REHEAT COIL MANUFACTURER.
6. HOT WATER REHEAT COIL. REFER TO REHEAT COIL PIPING DETAIL.

EXHAUST AIR CONTROL VALVE

SCALE: NONE

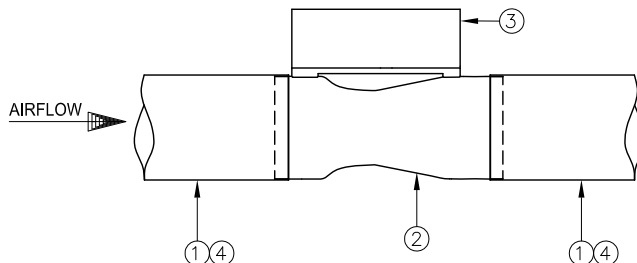


○ KEY NOTES

1. ROUND SHEET METAL BRANCH DUCT, SAME NOMINAL SIZE AS AIR CONTROL VALVE INLET SIZE, UNLESS NOTED OTHERWISE.
2. EXHAUST AIR CONTROL VALVE.
3. CONTROL ENCLOSURE TO BE MOUNTED ON TOP, SIDES OR BOTTOM OF VALVES WHERE APPLICABLE TO PROVIDE BEST ACCESSIBILITY POSSIBLE. CONTRACTOR TO SHOW EXACT POSITION ON COORDINATION DRAWINGS.
4. EVENLY SPACED SIX (6) SHEET METAL SCREWS PER A SLIP CONNECTION TO CONNECT VALVE TO DUCT WORK.

FUME HOOD OR EQUIPMENT EXHAUST AIR CONTROL VALVE

SCALE: NONE



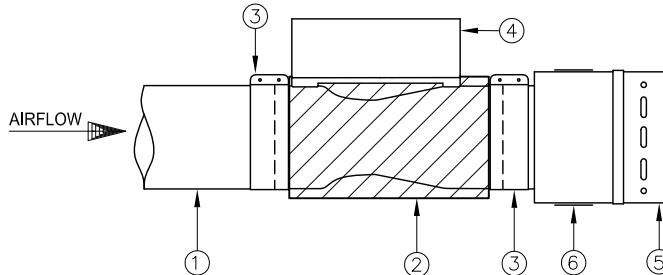
○ KEY NOTES

1. ROUND SHEET METAL BRANCH DUCT, SAME NOMINAL SIZE AS AIR CONTROL VALVE INLET SIZE, UNLESS NOTED OTHERWISE.
2. EXHAUST AIR CONTROL VALVE.
3. CONTROL ENCLOSURE TO BE MOUNTED ON TOP, SIDES OR BOTTOM OF VALVES WHERE APPLICABLE TO PROVIDE BEST ACCESSIBILITY POSSIBLE. CONTRACTOR TO SHOW EXACT POSITION ON COORDINATION DRAWINGS.
4. EVENLY SPACED SIX (6) SHEET METAL SCREWS PER A SLIP CONNECTION TO CONNECT UNCOATED VALVE TO DUCT WORK. DO NOT USE SCREWS WITH COATED VALVES.

SLIP CONNECTION WITH DRAWBAND CLAMPS

SUPPLY AIR CONTROL VALVE

SCALE: NONE

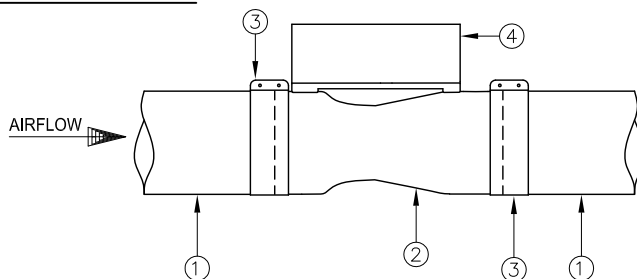


○ KEY NOTES

1. ROUND SHEET METAL BRANCH DUCT, SAME NOMINAL SIZE AS AIR CONTROL VALVE INLET SIZE, UNLESS NOTED OTHERWISE.
2. SUPPLY AIR CONTROL VALVE WITH EXTERNAL INSULATION TO PREVENT SWEATING.
3. 3.5" WIDE 24 GAUGE DRAWBAND CLAMP WITH 1/4" UL94 ELASTOMERIC FOAM GASKET AND ZINC PLATED FLANGED HEX BOLTS WITH NYLOCK NUTS INSTALLED PER VALVE MANUFACTURER INSTRUCTIONS. DUCT TAPE TO SEAL UNDER DRAWBAND CLAMP.
4. CONTROL ENCLOSURE TO BE MOUNTED ON TOP, SIDES OR BOTTOM OF VALVES WHERE APPLICABLE TO PROVIDE BEST ACCESSIBILITY POSSIBLE. CONTRACTOR TO SHOW EXACT POSITION ON COORDINATION DRAWINGS.
5. TRANSITION WITH ACCESS DOORS PROVIDED BY HOT WATER REHEAT COIL MANUFACTURER.
6. HOT WATER REHEAT COIL. REFER TO REHEAT COIL PIPING DETAIL.

EXHAUST AIR CONTROL VALVE

SCALE: NONE

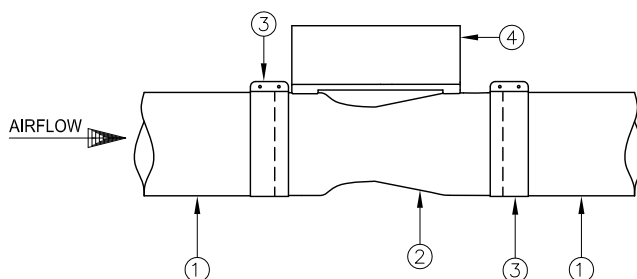


○ KEY NOTES

1. ROUND SHEET METAL BRANCH DUCT, SAME NOMINAL SIZE AS AIR CONTROL VALVE INLET SIZE, UNLESS NOTED OTHERWISE.
2. EXHAUST AIR CONTROL VALVE WITH COATING FOR CHEMICAL APPLICATIONS, WHERE REQUIRED. REFER TO EXHAUST AIR VALVE SCHEDULE FOR VALVE COATING DETAILS.
3. 3.5" WIDE 24 GAUGE DRAWBAND CLAMP WITH 1/4" UL94 ELASTOMERIC FOAM GASKET AND ZINC PLATED FLANGED HEX BOLTS WITH NYLOCK NUTS INSTALLED PER VALVE MANUFACTURER INSTRUCTIONS. DUCT TAPE TO SEAL UNDER DRAWBAND CLAMP.
4. CONTROL ENCLOSURE TO BE MOUNTED ON TOP, SIDES OR BOTTOM OF VALVES WHERE APPLICABLE TO PROVIDE BEST ACCESSIBILITY POSSIBLE. CONTRACTOR TO SHOW EXACT POSITION ON COORDINATION DRAWINGS.

FUME HOOD OR EQUIPMENT EXHAUST AIR CONTROL VALVE

SCALE: NONE



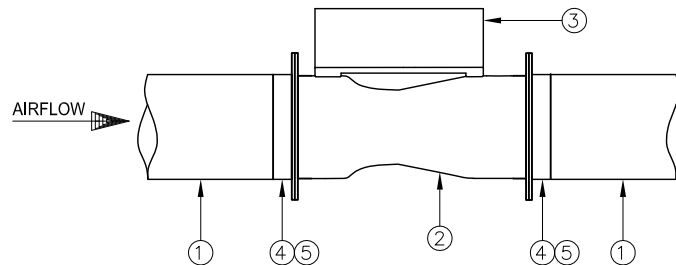
○ KEY NOTES

1. ROUND SHEET METAL BRANCH DUCT, SAME NOMINAL SIZE AS AIR CONTROL VALVE INLET SIZE, UNLESS NOTED OTHERWISE.
2. EXHAUST AIR CONTROL VALVE WITH COATING FOR CHEMICAL APPLICATIONS, WHERE REQUIRED. REFER TO EXHAUST AIR VALVE SCHEDULE FOR VALVE COATING DETAILS.
3. 3.5" WIDE 24 GAUGE DRAWBAND CLAMP WITH 1/4" UL94 ELASTOMERIC FOAM GASKET AND ZINC PLATED FLANGED HEX BOLTS WITH NYLOCK NUTS INSTALLED PER VALVE MANUFACTURER INSTRUCTIONS. DUCT TAPE TO SEAL. USE PTFE TAPE WHEN COATED.
4. CONTROL ENCLOSURE TO BE MOUNTED ON TOP, SIDES OR BOTTOM OF VALVES WHERE APPLICABLE TO PROVIDE BEST ACCESSIBILITY POSSIBLE. CONTRACTOR TO SHOW EXACT POSITION ON COORDINATION DRAWINGS.

FLANGE CONNECTION

SUPPLY / EXHAUST AIR CONTROL VALVE

SCALE: NONE

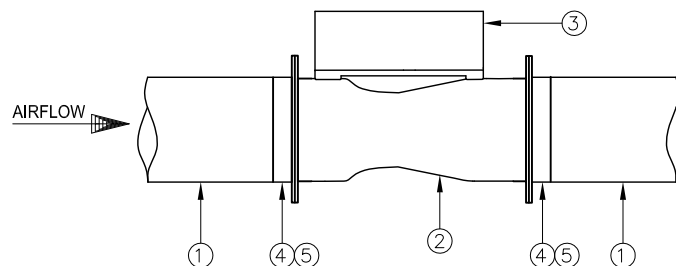


○ KEY NOTES

1. ROUND SHEET METAL BRANCH DUCT, SAME NOMINAL SIZE AS AIR CONTROL VALVE INLET SIZE, UNLESS NOTED OTHERWISE.
2. FLANGE ENDS AIR CONTROL VALVE WITH COATING FOR CHEMICAL APPLICATIONS, WHERE REQUIRED. REFER TO EXHAUST AIR VALVE SCHEDULE FOR VALVE COATING DETAILS.
3. CONTROL ENCLOSURE TO BE MOUNTED ON TOP, SIDES OR BOTTOM OF VALVES WHERE APPLICABLE TO PROVIDE BEST ACCESSIBILITY POSSIBLE. CONTRACTOR TO SHOW EXACT POSITION ON COORDINATION DRAWINGS.
4. COMPANION FLANGE TO BE CONTINUOUSLY WELD TO THE DUCTWORK FOR ZERO LEAKAGE.
5. BOLT, LOCK WASHER & NUT. ALL FLANGE HOLES FASTENED TO REDUCE AIRFLOW LEAKAGE. GASKET BETWEEN FLANGES IS RECOMMENDED.

FUME HOOD OR EQUIPMENT EXHAUST AIR CONTROL VALVE

SCALE: NONE



○ KEY NOTES

1. ROUND SHEET METAL BRANCH DUCT, SAME NOMINAL SIZE AS AIR CONTROL VALVE INLET SIZE, UNLESS NOTED OTHERWISE.
2. FLANGE ENDS AIR CONTROL VALVE WITH COATING FOR CHEMICAL APPLICATIONS, WHERE REQUIRED. REFER TO EXHAUST AIR VALVE SCHEDULE FOR VALVE COATING DETAILS.
3. CONTROL ENCLOSURE TO BE MOUNTED ON TOP, SIDES OR BOTTOM OF VALVES WHERE APPLICABLE TO PROVIDE BEST ACCESSIBILITY POSSIBLE. CONTRACTOR TO SHOW EXACT POSITION ON COORDINATION DRAWINGS.
4. COMPANION FLANGE TO BE CONTINUOUSLY WELD TO THE DUCTWORK FOR ZERO LEAKAGE.
5. BOLT, LOCK WASHER & NUT. ALL FLANGE HOLES TO BE FASTENED AND SEALED TO ENSURE ZERO AIRFLOW LEAKAGE. GASKET BETWEEN FLANGES IS REQUIRED.