**NOTE:**

VAT DIVERTER IS UL PLENUM RATED. SUITABLE FOR USE IN ENVIRONMENTAL AIR SPACE IN ACCORDANCE WITH SECTION 300-22 (C) OF THE NATIONAL ELECTRICAL CODE, AND SECTIONS 2-128, 12-010 (3) AND 12-100 OF THE CANADIAN ELECTRICAL CODE, PART 1, CSA C22.1.

THE VAT DIVERTER IS UL CLASSIFIED: BANK EQUIPMENT AS TO ELECTRICAL FIRE, SHOCK AND CASUALTY HAZARDS ONLY 345°F.

DIVERTER IS TO BE MOUNTED WITH PNEUMATIC TUBING PARALLEL TO FLOOR OR DRIVEWAY. DO NOT MOUNT DIVERTER WITH TUBING PROJECTING UP OR DOWN.

MOUNTING HARDWARE TO BE COMPATIBLE WITH ROOF OR CANOPY STRUCTURE AND ADEQUATE TO SUPPORT WEIGHT OF DIVERTER. VERIFY SITE CONDITIONS.

DIVERTER IS TO BE SECURED TO CANOPY OR ROOF INDEPENDENT OF THE PNEUMATIC TUBES. PNEUMATIC TUBES ARE TO BE SUPPORTED AS REQUIRED ON EITHER SIDE OF THE DIVERTER.

**WEIGHT (APPROXIMATE):**

DIVERTER : 34kg (75 LBS.)

**TUBE DIVERTER CAN BE USED WITH 114mm (4 1/2") DIA. STEEL OR PVC PNEUMATIC TUBES. THE APPROPRIATE CLAMPS OR TRANSITION SLEEVES WILL BE INCLUDED BASED ON THE TYPE OF TUBES SPECIFIED.**
NOTE:

- Recommended location of Diverter Control Box and Power Supply to be mounted on wall (if possible) in area behind knee space panel. (Allow adequate space around Diverter Control Box for cable connections.)
- Mounting hardware to be compatible with wall construction and adequate to support weight of Power Supply and Diverter Control Box.
- Must be mounted with Power Supply above the Control Box as shown in the detail at the right.

WEIGHT (APPROXIMATE):

- Power Supply: 2.7kg (6 LBS.)
- Diverter Control Box: 3kg (7 LBS.)

Power Supply:
- Power Cord 2438mm (8'-0") Long on (1) 120V., 50/60 Hz., Single-phase, 20AMP Dedicated Branch Circuit (Recommended).
- Locate outlet within 1829mm (6'-0") distance.

Diverter Control Box: 3kg (7 LBS.)

Construction and adequate to support weight.

Mounting hardware to be compatible with wall construction and adequate to support weight of Power Supply and Diverter Control Box.

MUST BE MOUNTED WITH POWER SUPPLY ABOVE THE CONTROL BOX AS IN THE DETAIL AT THE RIGHT.

MOUNTING HARDWARE TO BE COMPATIBLE WITH WALL CONSTRUCTION AND ADEQUATE TO SUPPORT WEIGHT OF POWER SUPPLY AND DIVERTER CONTROL BOX.

MUST BE MOUNTED WITH POWER SUPPLY ABOVE THE CONTROL BOX AS IN THE DETAIL AT THE RIGHT.

NOTE:

- Power Supply: 2.7kg (6 LBS.)
- Diverter Control Box: 3kg (7 LBS.)

Dimensions in millimetres (Dimensions in inches)

Maintain gap between 26mm (1") minimum.

DIVERTER CONTROL BOX AND POWER SUPPLY
WALL MOUNTED DIVERTER SWITCH

WALL MOUNT NOTES:

1. DRILL (2) 5mm (3/16") DIA. HOLES USING THE WALL MOUNTING BRACKET AS A TEMPLATE.
2. MOUNT THE WALL MOUNT BRACKET TO THE WALL USING THE ANCHORS AND SELF TAPPING SCREWS.
3. MOUNT THE SWITCH BOX TO THE WALL BRACKET USING THE PAN HEAD SCREWS.
4. COMPLETE WIRING AND INSTALL THE SWITCH BOX COVER.

VAT UNIT MOUNT ASSEMBLY

VAT UNIT MOUNT NOTES:

1. THE SWITCH CAN BE MOUNTED TO THE VAT UNIT FASCIA ON THE SIDE OR BOTTOM. BEFORE DRILLING MAKE SURE THAT THERE IS NO INTERFERENCE ON THE INSIDE OF THE FASCIA.
2. DRILL (2) 4mm (5/32") DIA. HOLES INTO THE VAT FASCIA USING THE SWITCH AS A TEMPLATE.
3. INSERT THE STUD PLATE INTO THE FASCIA FROM THE INSIDE.
4. MOUNT THE SWITCH BOX TO THE STUD PLATE USING THE NUTS. THIS WILL SANDWICH THE FASCIA BETWEEN THE STUD PLATE AND THE SWITCH BOX.
5. COMPLETE WIRING AND INSTALL THE SWITCH BOX COVER.
NOTE:
MAXIMUM TUBE LENGTH 152 METERS (500 LINEAR FEET)

NOTE:
CHASE AND LOCATION AS REQUIRED (BY OWNER'S G.C.) SIZED TO HOUSE ALL INTERCONNECTING CONTROL/AUDIO CABLES

* TUBE DIVERTER CAN BE USED WITH 114mm (4½") DIA. STEEL OR PVC PNEUMATIC TUBES. THE APPROPRIATE CLAMPS OR TRANSITION SLEEVES WILL BE INCLUDED BASED ON THE TYPE OF TUBES SPECIFIED.

* 114mm (4½") DIA. (STEEL SHOWN) PNEUMATIC TUBES OVERHEAD. ACTUAL TUBE RUN(S) TO BE DETERMINED AT SITE.

OPERATOR/CUSTOMER UNIT BLOWER PACKAGES WITH 3'-6" X 3'-6" SERVICE ACCESS BY OWNERS G.C. (LOCATION CAN VARY)

NOTE:
MAXIMUM TUBE LENGTH 152 METERS (500 LINEAR FEET)

NOTE:
CHASE AND LOCATION AS REQUIRED (BY OWNER'S G.C.) SIZED TO HOUSE ALL INTERCONNECTING CONTROL/AUDIO CABLES

* TUBE DIVERTER CAN BE USED WITH 114mm (4½") DIA. STEEL OR PVC PNEUMATIC TUBES. THE APPROPRIATE CLAMPS OR TRANSITION SLEEVES WILL BE INCLUDED BASED ON THE TYPE OF TUBES SPECIFIED.

* 114mm (4½") DIA. (STEEL SHOWN) PNEUMATIC TUBES OVERHEAD. ACTUAL TUBE RUN(S) TO BE DETERMINED AT SITE.

OPERATOR/CUSTOMER UNIT BLOWER PACKAGES WITH 3'-6" X 3'-6" SERVICE ACCESS BY OWNERS G.C. (LOCATION CAN VARY)

NOTES:
1. ALL WORK AND MATERIALS SHALL CONFORM TO THE NATIONAL, ALL STATE, AND LOCAL ELECTRICAL CODES WHICH MAY BE APPLICABLE. ELECTRICAL CONTRACTOR TO BE RESPONSIBLE FOR ANY CHANGES NECESSARY TO COMPLY WITH THESE CODES.

2. ALL CONDUIT, POWER WIRES, JUNCTION BOXES, AND OVERLOAD PROTECTION DEVICES, ARE TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.

3. IF PNEUMATIC TUBING IS ROUTED THROUGH A PLENUM CEILING IT WILL REQUIRE RIGID (STEEL) AIRLINE IN PLACE OF FLEXIBLE HOSE. AN AIRLINE PLENUM KIT/STEEL AIRLINE WILL NEED TO BE ORDERED ACCORDINGLY. THE BLOWER PACKAGES IN PLENUM APPLICATIONS SHOULD BE LOCATED BELOW THE CEILING AND NOT EXCEED 30.5 METERS (100') FROM ANY CONNECTION TO THE INLET NOZZLE ON 90° PNEUMATIC TUBE BENDS (ONLY AT OPERATOR/CUSTOMER UNITS).

4. CHASE AND LOCATION AS REQUIRED (BY OWNER'S G.C.) SIZED TO HOUSE ALL INTERCONNECTING CONTROL/AUDIO CABLES

5. ALL WORK AND MATERIALS SHALL CONFORM TO THE NATIONAL, ALL STATE, AND LOCAL ELECTRICAL CODES WHICH MAY BE APPLICABLE. ELECTRICAL CONTRACTOR TO BE RESPONSIBLE FOR ANY CHANGES NECESSARY TO COMPLY WITH THESE CODES.
VACUUM AIR TUBE 21GX
TYPICAL DRIVE-UP INSTALLATION WITH DIVERTER
TRANSACTION DRAWER AND (2) VAT 21GX SYSTEM

NOTES:
1. IF PNEUMATIC TUBING IS ROUTED THROUGH A PLENUM CEILING IT WILL REQUIRE RIGID (STEEL) AIRLINE IN PLACE OF FLEXIBLE HOSE. AN AIRLINE PLENUM KIT/STEEL AIRLINE WILL NEED TO BE ORDERED ACCORDINGLY. THE BLOWER PACKAGES IN PLENUM APPLICATIONS SHOULD BE LOCATED BELOW THE CEILING AND NOT EXCEED 30.5 METERS (100’) FROM ANY CONNECTION TO THE INLET NOZZLE ON 90° PNEUMATIC TUBE BENDS (ONLY AT OPERATOR/CUSTOMER UNITS).
2. ALL DETAILS AND EQUIPMENT LOCATIONS SHOWN FOR ILLUSTRATION ONLY. VERIFY ALL SITE CONDITIONS.

* TUBE DIVERTER CAN BE USED WITH 114mm (4½") DIA. STEEL OR PVC PNEUMATIC TUBES. THE APPROPRIATE CLAMPS OR TRANSITION SLEEVES WILL BE INCLUDED BASED ON THE TYPE OF TUBES SPECIFIED.

TUBE SUPPORT REQUIRED AT DIVERTER COUPLING JOINTS AS THE DIVERTER CANNOT SUPPORT THE PNEUMATIC TUBING.

TUBE CONNECTIONS TO ALWAYS BE MOUNTED PARALLEL TO FLOOR OR DRIVEWAY.

TUBE SUPPORT REQUIRED AT DIVERTER COUPLING JOINTS AS THE DIVERTER CANNOT SUPPORT THE PNEUMATIC TUBING.

TUBE SUPPORT SYSTEM TO SUITE BUILDING CONDITIONS. DIVERTER TO BE SUPPORTED INDEPENDENT OF PNEUMATIC TUBES.

NOTE: OWNER'S GENERAL CONTRACTOR TO PROVIDE ACCESS TO BLOWER PACKAGE, DIVERTER AND PNEUMATIC TUBE SYSTEM

*ALL DIMENSIONS MARKED WITH AN ASTERISK MAY VARY WITH BUILDING/CANOPY CONSTRUCTION