



INSTALLATION NOTES

1. IT IS NOT NECESSARY TO HAVE A RETURN AIR DUCT BETWEEN THE FAN COIL AND THE RETURN AIR GRILLE AS LONG AS THE ENCLOSURE THAT THE FAN COIL AND RETURN AIR GRILLE ARE LOCATED IN ARE SEALED SO THAT NO AIR WILL BE DRAWN FROM ANY OTHER AREAS.
2. THE REASON FOR THE 6' MINIMUM FLEX DUCT LENGTH IS BLOWER AIR NOISE DISSIPATION. SHORTER LENGTHS OF FLEX DUCT WILL CREATE A NOISIER INSTALLATION. ALL FLEX DUCT MUST BE RUN WITHOUT SHARP BENDS OR KINKS. DUCTING SHOULD BE STRETCHED AS MUCH AS IS POSSIBLE.
3. THE HRO HOSE ADAPTER IS SHIPPED LOOSE FROM THE TB TRANSITION BOX TO ALLOW THE INSTALLER FLEXIBILITY IN LOCATING THE AIR INLET TO THE TRANSITION BOX. THE HOSE ADAPTER MAY BE INSTALLED ON ANY SIDE OR BACK OF THE TRANSITION BOX. TO INSTALL THE HOSE ADAPTER PLACE THE HOSE ADAPTER AGAINST THE BOX WHERE YOU WANT TO LOCATE IT. USING A PENCIL DRAW A LINE AROUND THE INSIDE OF THE HOSE ADAPTER ON THE TRANSITION BOX TO MARK WHERE YOU WILL NEED TO CUT THE BOX. CUT THE PLASTIC BOX USING A SHARP KNIFE OR JIGSAW. LINE THE HOSE ADAPTER UP WITH THE HOLE ON THE BOX. DRILL FOUR HOLES LARGE ENOUGH FOR RIVETS THROUGH THE HOSE ADAPTER INTO THE BOX. BEFORE RIVETING, PLACE A BEAD OF SILICONE SEALANT AROUND THE PERIMETER OF THE HOSE ADAPTER WHERE IT WILL MATE TO THE BOX. THIS WILL PREVENT ANY AIR LEAKAGE. RIVET THE HOSE ADAPTER TO THE BOX.
4. INSTALL RETURN AIR GRILLES SO THAT WHEN YOU LOOK INTO THE FACE AREA OF THE GRILLE YOU DO NOT SEE THE FILTER MATERIAL.
5. SUPPLY AND RETURN GRILLES MUST BE AT LEAST MINIMUM AREA SPECIFIED FOR THE PARTICULAR FAN COIL THAT THEY ARE INSTALLED WITH.
6. THE RETURN AIR PATH BETWEEN THE RETURN AIR GRILLE AND FAN COIL MUST BE AT LEAST AS LARGE IN AREA AS THE RETURN AIR GRILLE SIZE. RESTRICTIONS TO THE RETURN AIR PATH WILL HINDER UNIT PERFORMANCE.
7. DRAINS SHOULD BE RUN DOWNHILL FROM THE FAN COIL UNDER BOTH STATIC AND RUNNING CONDITIONS.
8. SEE THE SYSTEM INSTALLATION MANUAL FOR FURTHER INSTRUCTIONS.

AQUA-AIR				MARINE AIR CONDITIONING SYSTEMS	
AQOW, AQOCW OVERHEAD INSTALLATION					
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