

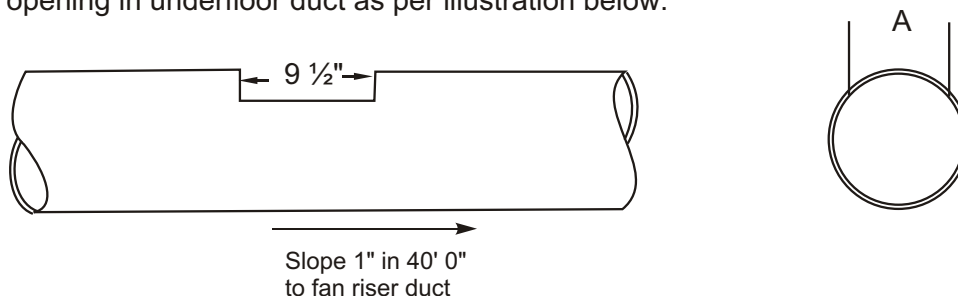
SERIES 55 NON-DISAPPEARING FLOOR UNITS

PREPARATION

1. Check all boxes and equipment for any concealed damage. If damage is found, notify the shipper immediately. Car-Mon cannot be responsible for any damage not reported to the shipper.
2. Review the complete instruction sheet before beginning, to get familiar with the components and any extra materials that the installer may have to supply.
3. The underfloor units include the SADDLE, the DOOR & FRAME ASSEMBLY, and the TUBING ASSEMBLY WITH NOZZLE. Saddles have been manufactured to fit specified duct size. Make sure the saddles are attached to the proper size duct. The saddle duct size will be marked on the saddle if different sizes are shipped.
4. This manual contains instructions for installation of units consisting of 3" to 5" single tube units or dual units with 3" or 4" tubes. Custom units with larger tubes may require some modification to installation.

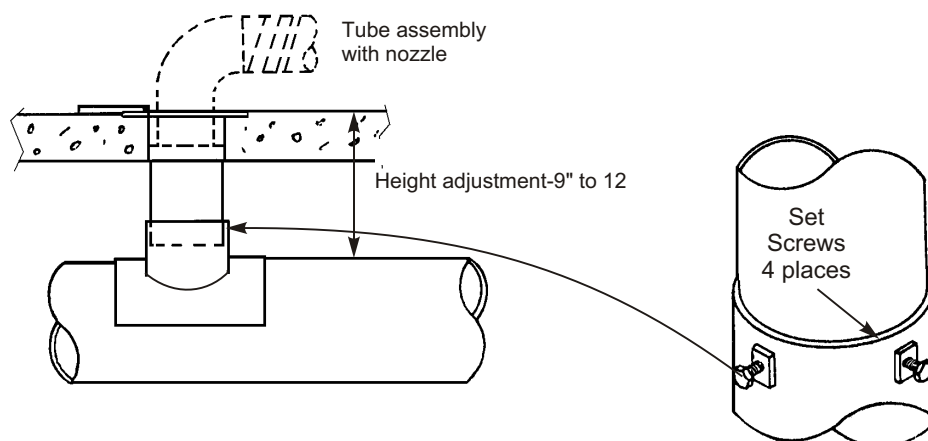
INSTALLATION

1. Dig trench to proper depth, pitched 1" in 40' towards fan ducting end for drainage. (It is advisable that a clean-out plenum be provided in the riser duct for clean out of condensation or wash down of the floor.) Underfloor duct can be laid and joined per manufacturer's instructions. Top of duct must be 9-12" below finished floor line. (See below)
2. Cut opening in underfloor duct as per illustration below.



3. Duct opening should be cut with a 9 1/2" length. For width, use the following for the A dimension:

3" or 4" single tube units: 4 1/2" 3" or 4" dual or 5" or 6" single units: 6 1/2"



4. Place and level saddle completely over the opening. If underfloor duct size is slightly larger than the saddle size, pressure can be applied to "open" the saddle to conform to the transite diameter.

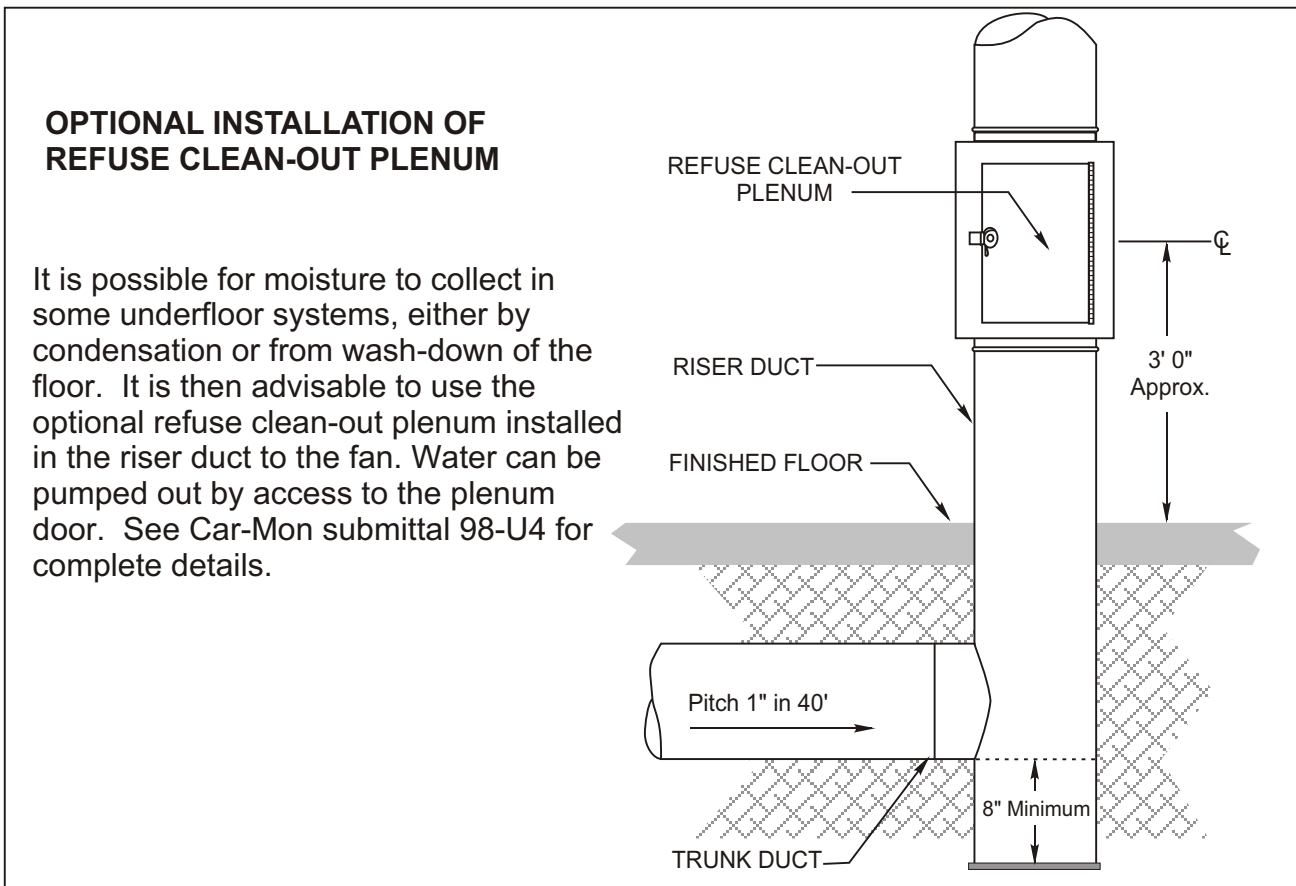
5. Saddle may be attached to duct with lag bolts in the pre-drilled saddle holes. Saddle can also be attached with metal banding. A silicone caulk is recommended between saddle and duct. With PVC duct, the caulk should always be used.
6. Insert top of unit into saddle to required finished floor height, and tighten set screws which are supplied.
7. Backfill with acceptable material per specifications.
8. Pour concrete flush with upper surface of floor unit top. Take caution that no foreign material or concrete is spilled on top or into floor unit when installing.

OPERATION

1. Open floor unit door and plug nozzle into receptacle. When using dual units, both tubes should be attached to insure proper operation and to avoid debris being sucked into open receptacle.
2. Attach exhaust adapter to vehicle. Make sure fan is running BEFORE starting vehicle. After servicing, shut off vehicle engine and let the fan cool the tube with ambient air before detaching.

MAINTENANCE

1. Door should be opened and receptacle swept out periodically to prevent build up of dirt and grime.
2. Hinges for doors should be oiled once every two months.
3. Adapters should be kept clean and tubing inspected periodically for any cracks or wear.



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