

Installer's Guide

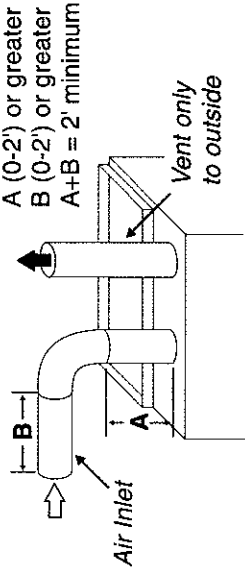
DOWNFLOW/ HORIZONTAL VENTING TABLE
TABLE 12

MAXIMUM VENT LENGTH:		DIRECT VENT (2 PIPE SYSTEM) - MAXIMUM TOTAL EQUIVALENT FEET FOR VENT AND INLET AIR PIPES (See Notes)				NONDIRECT VENT (1 PIPE SYSTEM) - MAXIMUM TOTAL EQUIVALENT FEET FOR VENT PIPE ONLY (See Notes)			
MODEL	2" PIPE & FITTINGS	2-1/2" PIPE & FITTINGS	3" PIPE & FITTINGS	4" PIPE & FITTINGS	2" PIPE & FITTINGS	2-1/2" PIPE & FITTINGS	3" PIPE & FITTINGS	4" PIPE & FITTINGS	4" PIPE & FITTINGS
*DH1B040A9241A	60	80	100	130	50	80	80	130	130
*DH1B065A9421A	45	80	100	130	40	80	80	130	130
*DH1C085A9481A	NOT ALLOWED	80	100	130	NOT ALLOWED	80	80	80	130
*DH1D110A9601A	NOT ALLOWED	15	60	130	NOT ALLOWED	25	70	70	130

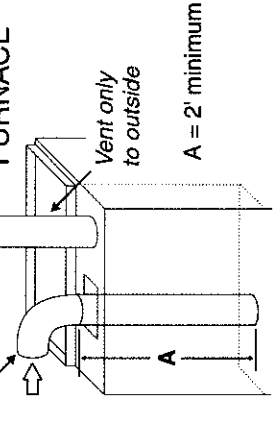
NOTES: * - First letter may be "A" or "T".
 1. The INLET AIR of one pipe systems require the installation of a 90° elbow (to prevent dust and debris from falling straight into the furnace) and a 2 foot horizontal or vertical straight pipe section connected before or after the elbow.
 2. DO NOT MIX PIPE DIAMETERS IN THE SAME LENGTH OF PIPE OUTSIDE THE FURNACE CABINET (Except adapters at the top of the furnace). If different inlet and vent pipe sizes are used, the vent pipe must adhere to the maximum length limit shown in the table above (See Note 7 below for exception). The inlet pipe can be of a larger diameter, but never smaller than the vent pipe.
 3. MAXIMUM PIPE LENGTHS MUST NOT BE EXCEEDED! THE LENGTH SHOWN IS NOT A COMBINED TOTAL, IT IS THE MAXIMUM LENGTH OF EACH (Vent or Inlet air pipes in two pipe systems).
 4. One standard radius 90° elbow is equivalent to 12' of 4" pipe, one SHORT radius 90° elbow is equivalent to 10' of 3" pipe and one LONG radius elbow is equivalent to 6' of 3" pipe. One SHORT/LONG radius 90° elbow is equivalent to 7 1/4' of 2 1/2" pipe, & 5' of 2" pipe. Two 45° elbows equal one 90° elbow.
 5. The termination tee or bend must be included in the total number of elbows. If the BAYAIR30A/VENTA termination kit is used, the equivalent length of pipe is 5 feet. There is zero equivalent length for the BAYVENT200B.
 6. Pipe adapters are field supplied.
 7. 4" pipe may be reduced to 3" for termination with BAYAIR30A/VENTA or BAYVENT200B without additional length restriction.
 8. For Canadian applications ONLY, IPEX 1960006 may be used for horizontal and vertical terminations. IPEX 081216, IPEX 081218, and IPEX 081219 may only be used for horizontal vent terminations. Equivalent lengths are IPEX 1960009 = 5 feet, IPEX 081216 = 11 feet, IPEX 081218 = 16 feet, and IPEX 081219 = 21 feet.

SINGLE PIPE VENTING

UPFLOW FURNACE



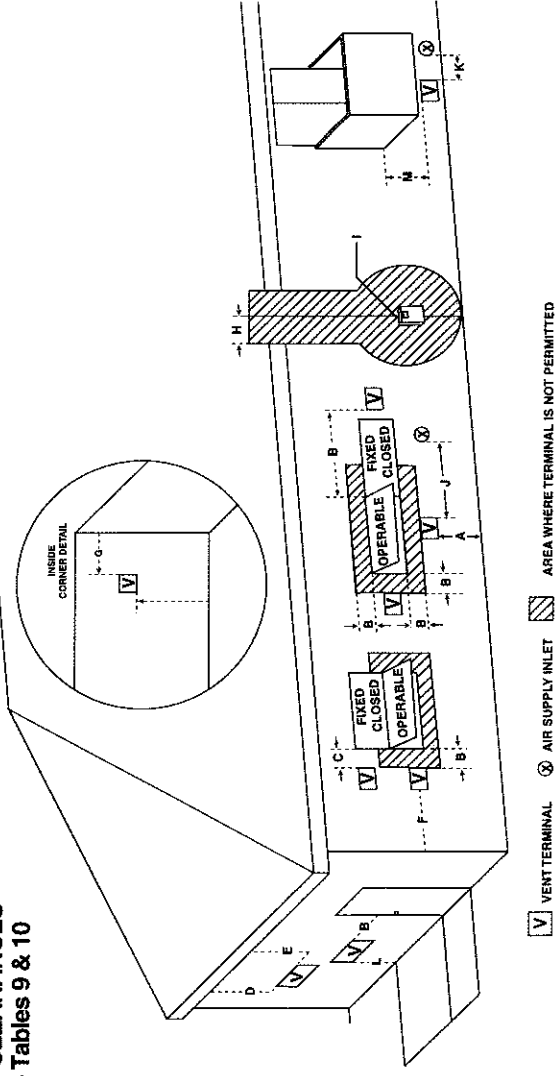
DOWNFLOW FURNACE



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VENT CLEARANCES

See Tables 9 & 10



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