

Air Flow Clearances for Merchandiser Layouts

Hussmann Self-Contained Merchandisers



BCH



LTH



HGL



HGM



DDSS



MD



GSVM



SHM



NAV



NIM-6



LBN



ISF / ISM



SN / SM



HSD

November 2014

ATTENTION

Merchandisers must operate for 24 hours
before loading product!

Regularly check merchandiser temperatures.

Do not break the cold chain. Keep products
in cooler before loading into merchandiser.

These merchandisers are designed
for pre-frozen and /or pre-chilled products only.



IMPORTANT
KEEP IN STORE FOR FUTURE REFERENCE
Quality that sets industry standards!

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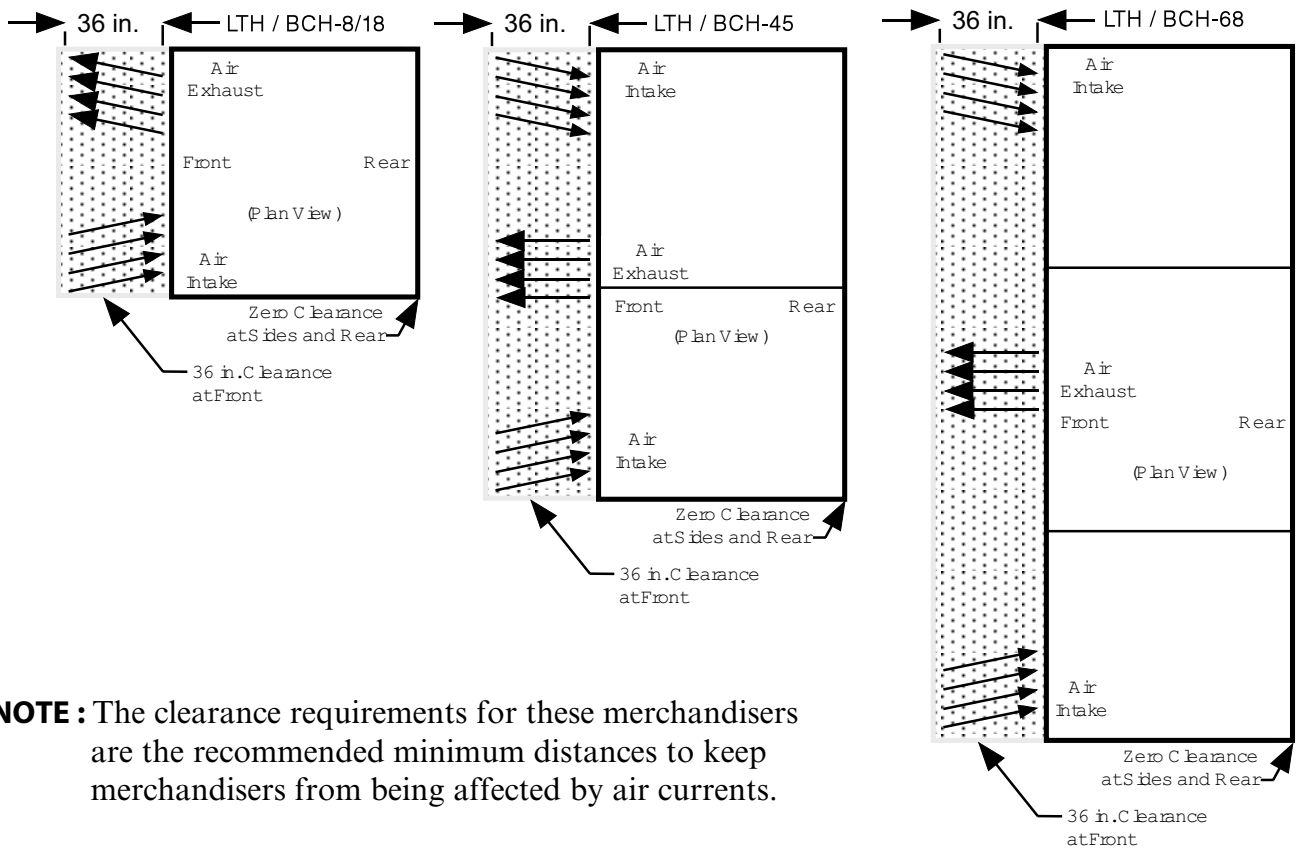
SELF-CONTAINED CLEARANCES

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Air flow must be considered when **positioning merchandisers near walls, other merchandisers and areas where air currents exist**. Decreased efficiency and cooling occurs when warm air is discharged from one merchandiser's air exhaust and is directed to another merchandiser's air intake. Over time, this can lead to refrigeration failure and product spoilage. Not all models take in or discharge air in the same manner. Refer to the illustrations of the different models types to learn details about each model's air flow clearance requirements.

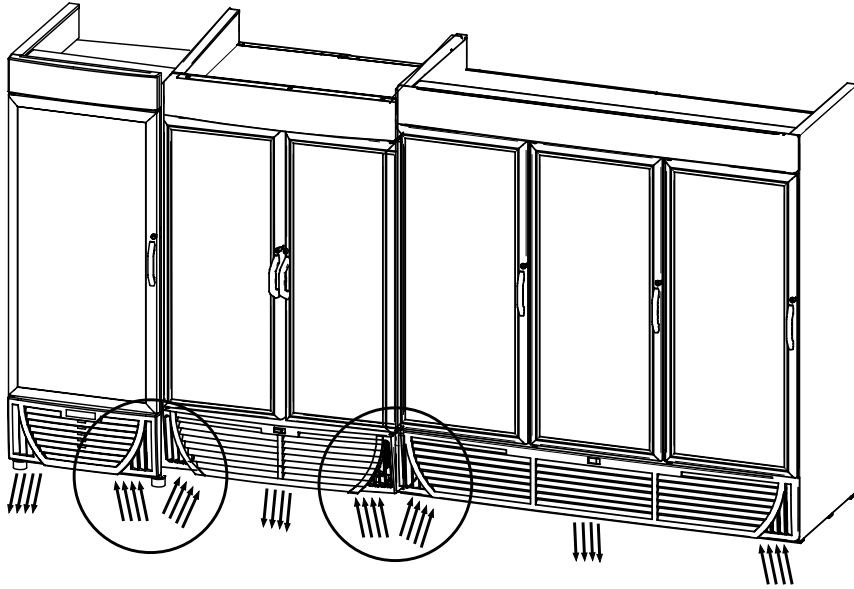


* LTHs can be pushed against the wall.

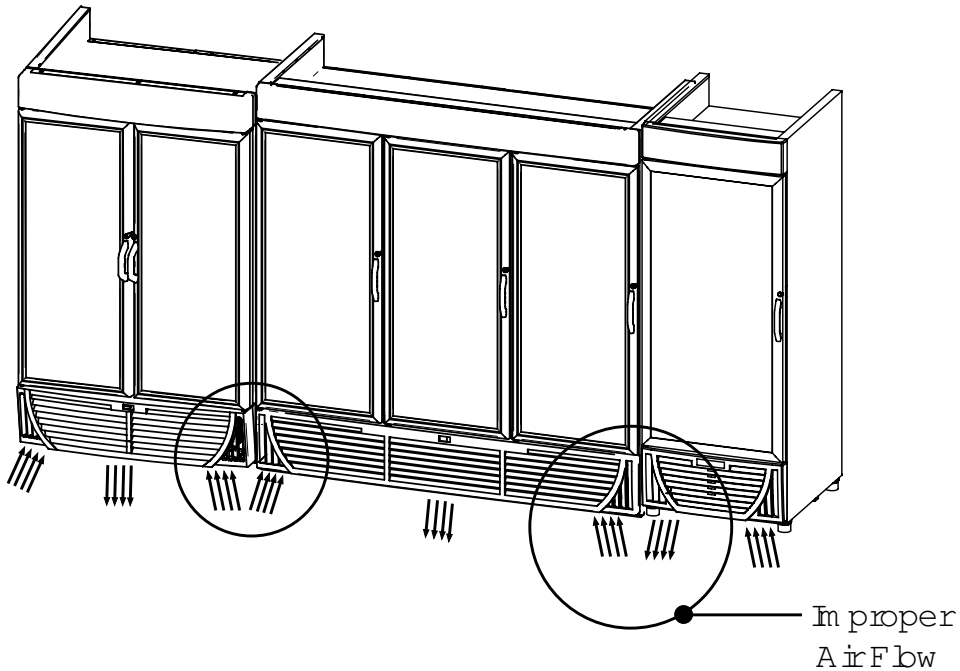


NOTE : The clearance requirements for these merchandisers are the recommended minimum distances to keep merchandisers from being affected by air currents.

The illustration below is a lineup of LTH merchandisers properly placed next to each other in series. Notice the air intake arrows are pointed in the same direction for merchandisers located next to each other.



A merchandiser's air flow can be disturbed by the air flow from adjacent merchandisers. In this illustration the LTH-18 is placed on the wrong side of this merchandiser lineup. LTH-18 and BCH-18 merchandisers must be placed on the left-hand side of the lineup to prevent the middle merchandiser from drawing warm air.



HGL-BS and HGM-BS models must have a 6-in. clearance at the rear and a 24-in. clearance in front. All merchandiser grilles must remain free of dust and debris for optimal performance.

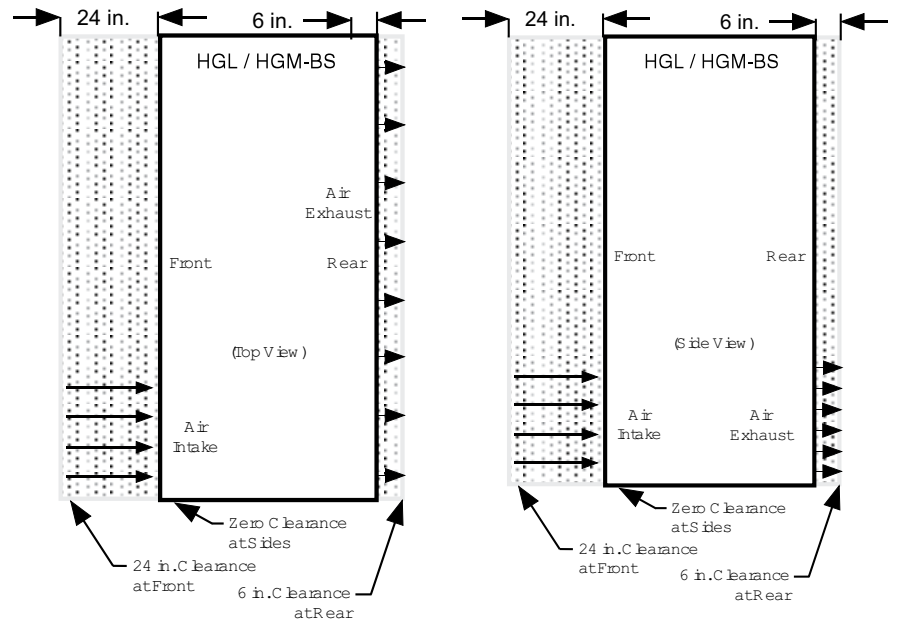
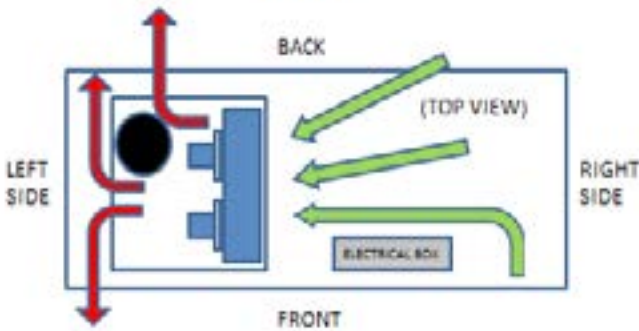


HGL



HGM

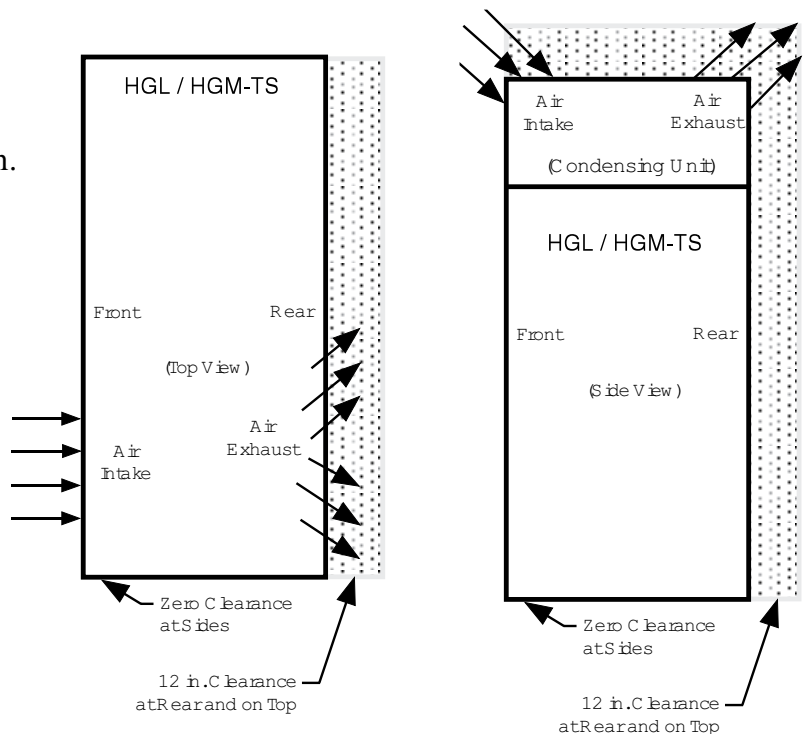
HGM2BS



NOTE: HGM-2BS merchandisers require the same clearance space, but the air flow is different as shown in the illustration at right. Avoid installing 1-door merchandisers on the left side of the case.

HGL-TS and HGM-TS have a condensing unit at the top. These models require a 12-in. clearance at the top and rear.

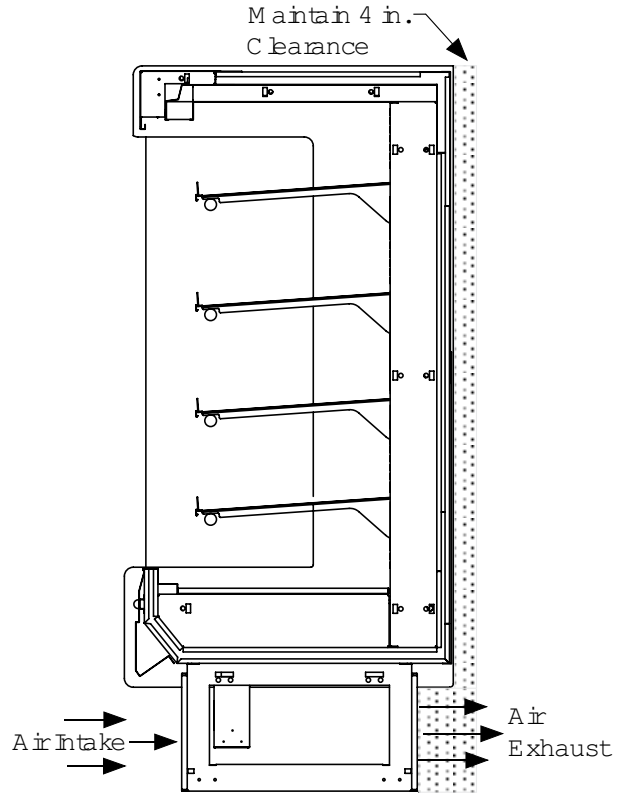
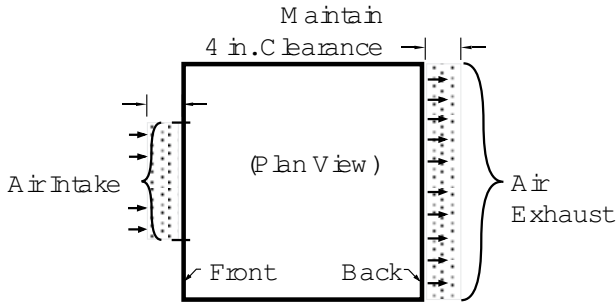
NOTE: Always place the single door case on the left side when placing one and three-door HGL/HGMs in a line-up to avoid airflow problems.





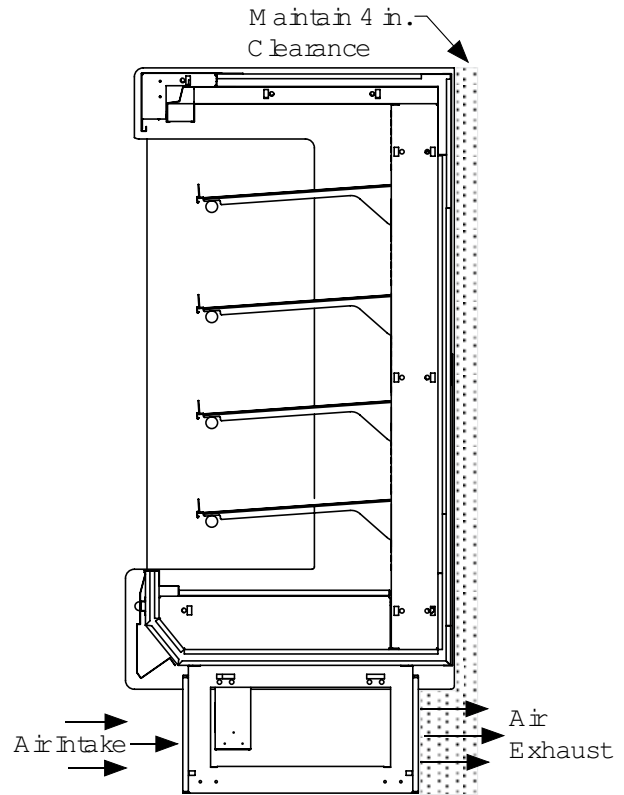
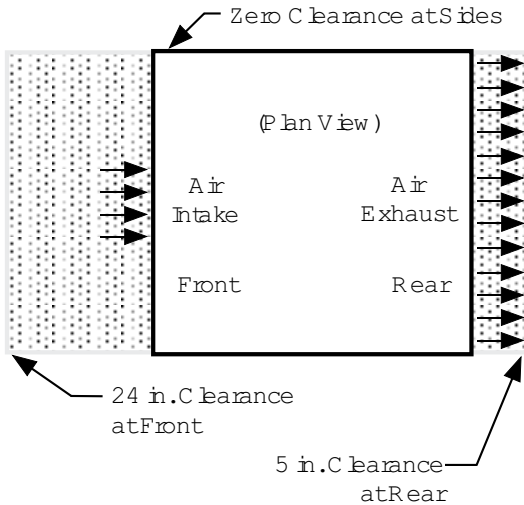
DDSS

DDSS models must have a 4-in. clearance at the rear.



MD

MD models must have a 24-in. clearance in the front and a 6-in. clearance at the rear.

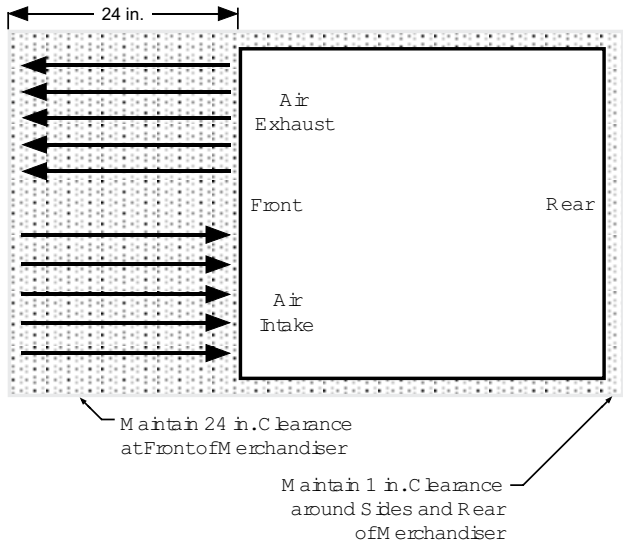




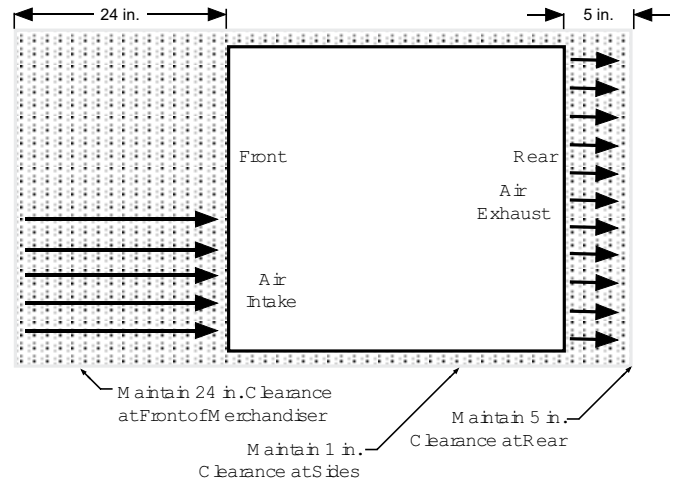
GVSM models have a 24-in. clearance in the front, a 1-in. clearance at the sides and a 5-in clearance at the rear.

GVSM

GVSM4060 GVSM4072



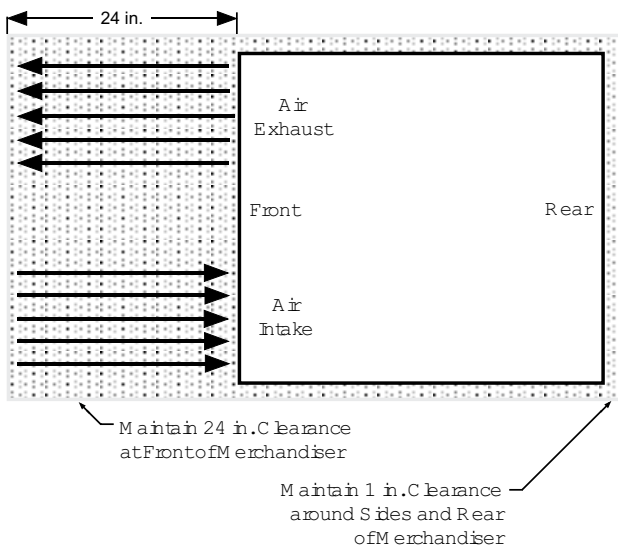
GVSM5272



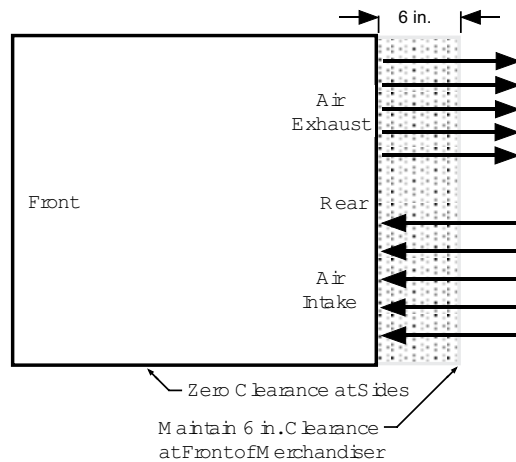
SHM models have a 24-in. clearance in the front, a 1-in. clearance at the sides, and a 1-in clearance at the rear.

SHM

SHM-3 and SHM-4



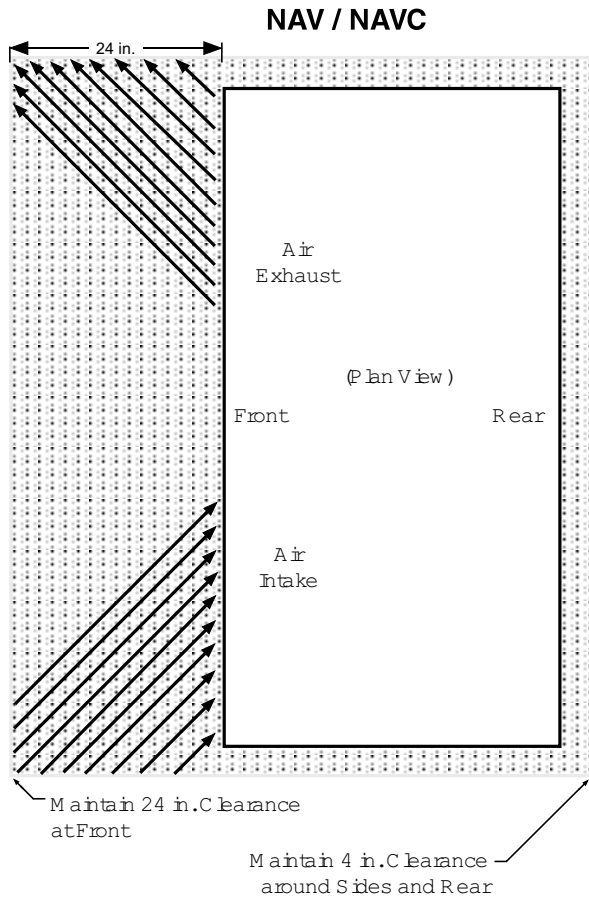
SHM-4BW
(Condensing Unit Rotated 180°)



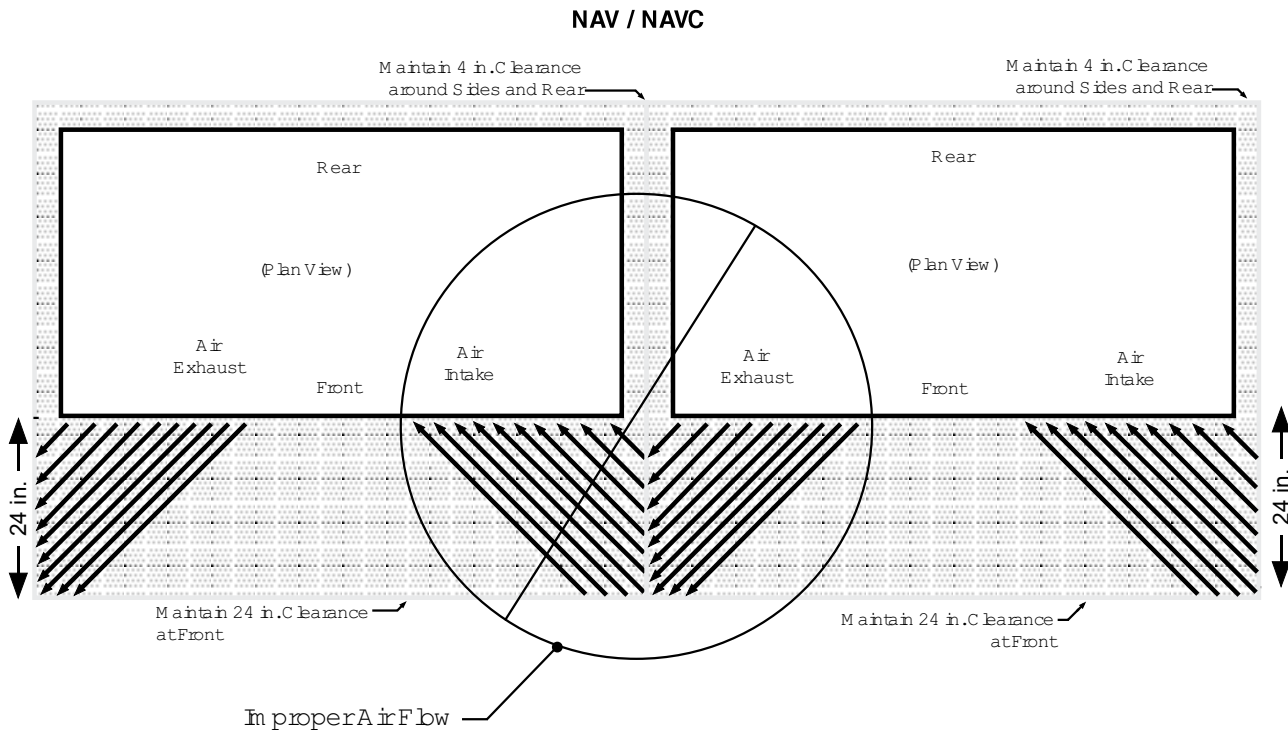


NAV

NAV / NAVC models must have a 24-in. clearance in the front, a 1-in. clearance at the sides, and a 1-in. clearance at the rear.



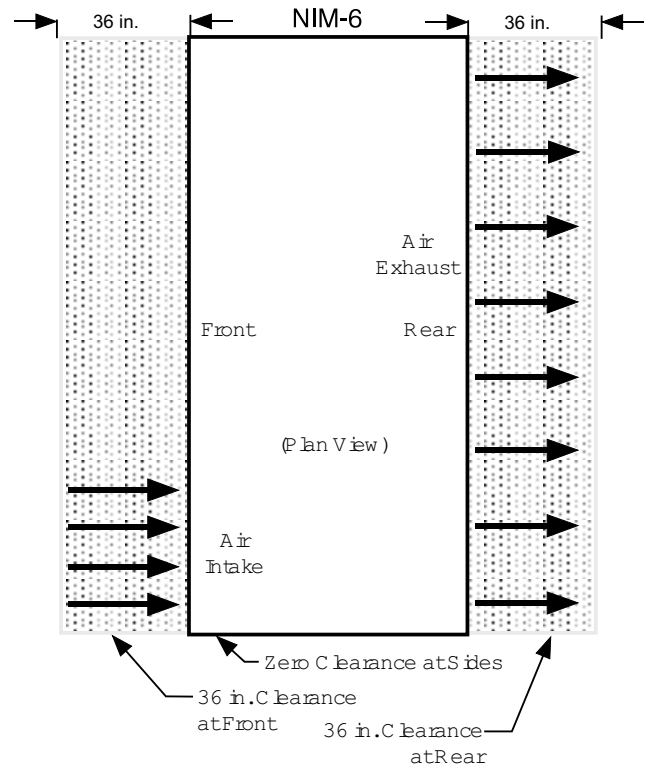
Merchandisers must not draw in air from the warm exhaust of another merchandiser. Do not place these NAV models end to end.





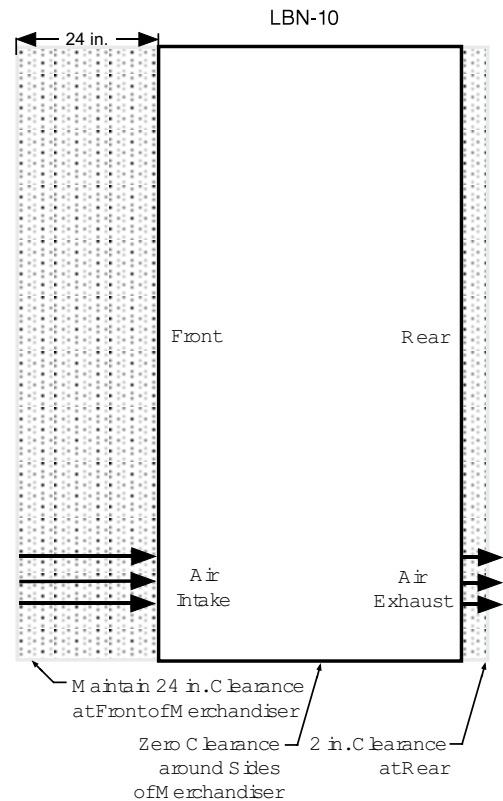
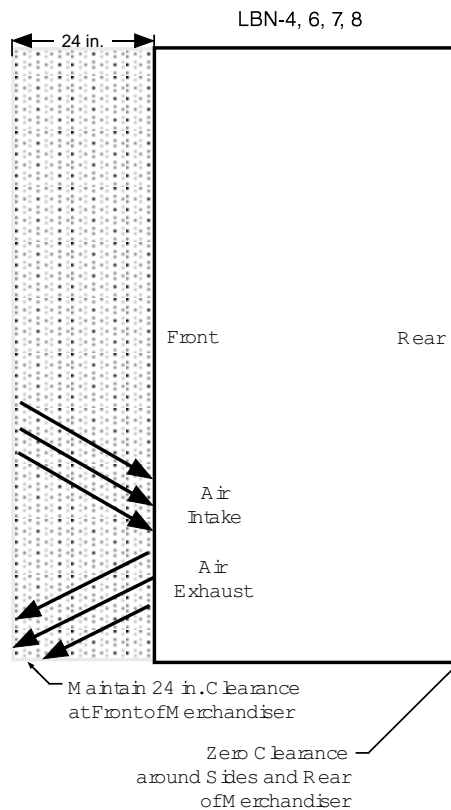
NIM-6

NIM-6 models must have a 36-in. clearance in the front and a 36-in. clearance at the rear.



LBN

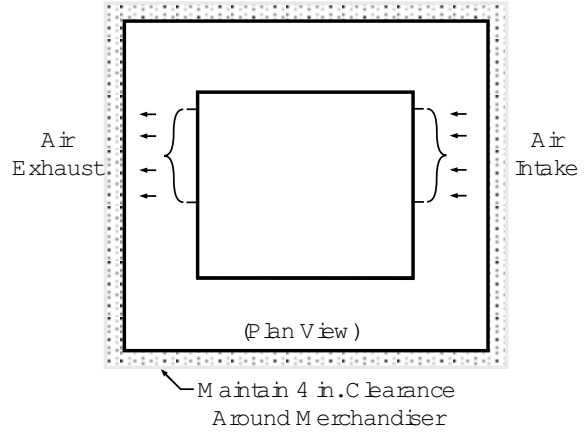
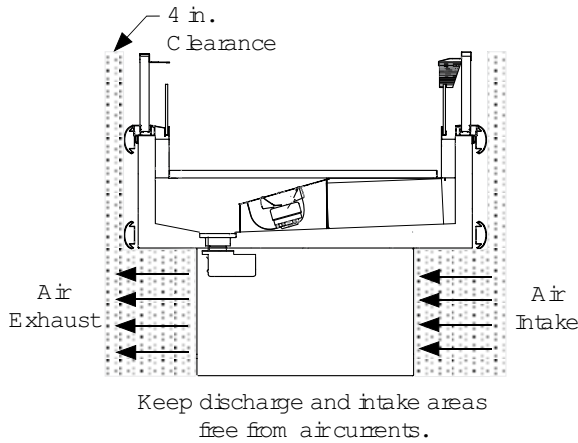
LBN models must have a 24-in. clearance in the front. LBN-10 merchandisers have a 2-in. clearance at the rear.



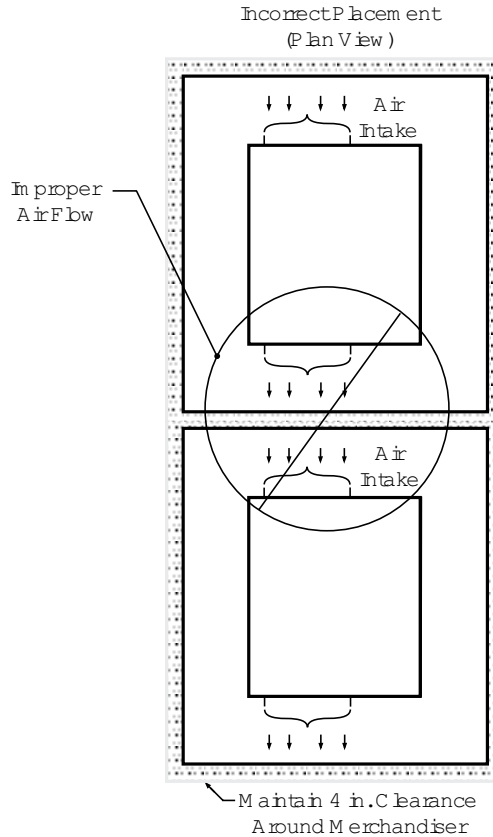
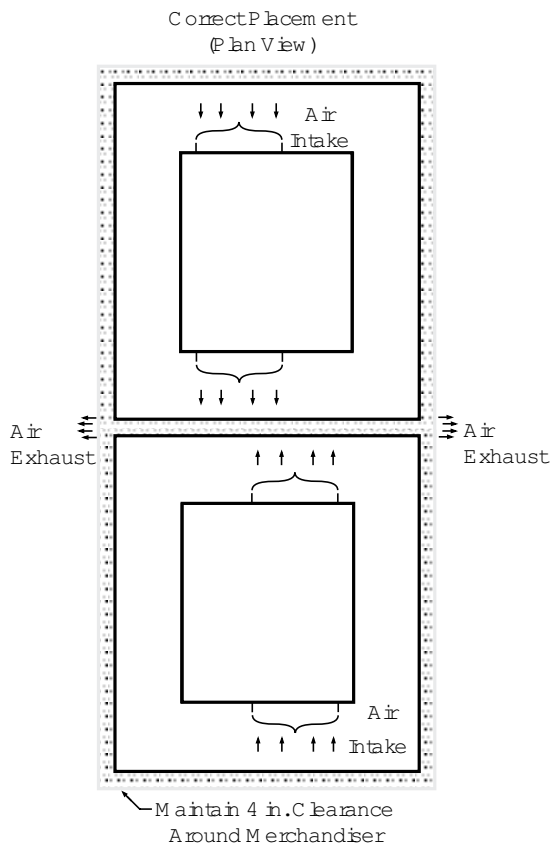


ISF / ISM models must have a 4-in. clearance around all sides of these merchandisers. Do not block the vented base panels. Product must not be placed outside of the designated load limits.

ISF / ISM



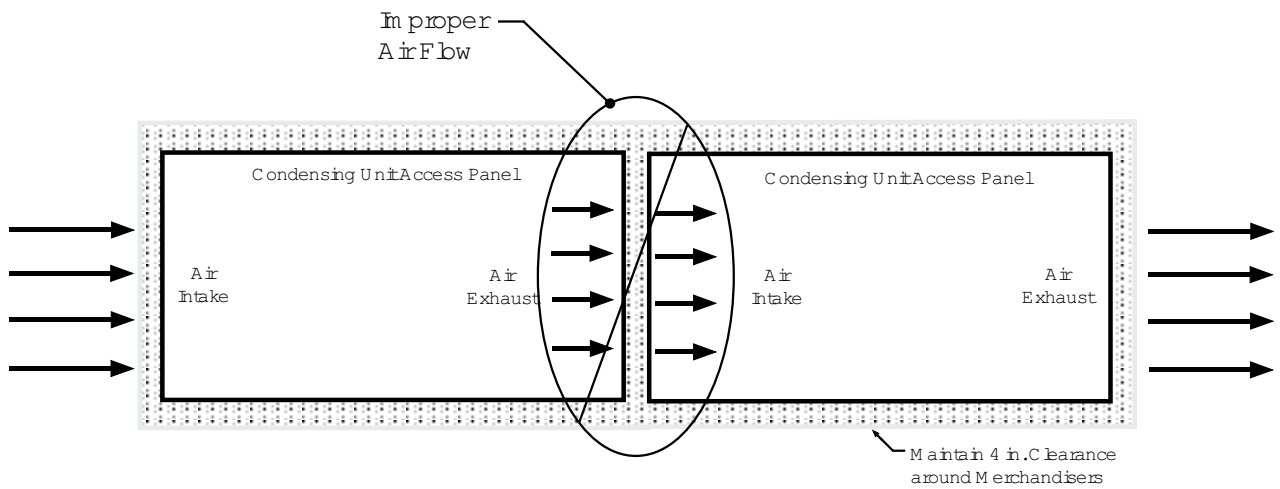
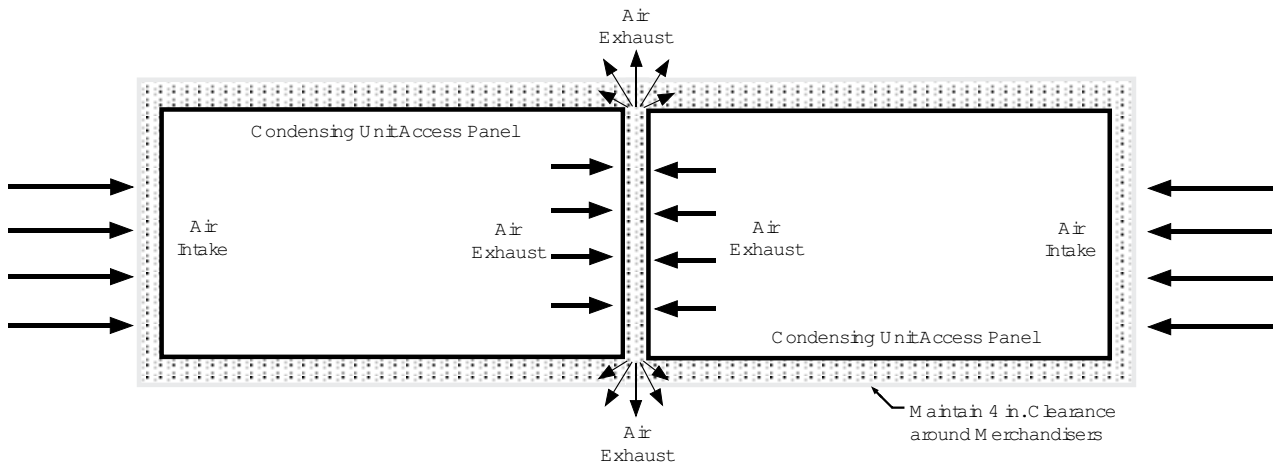
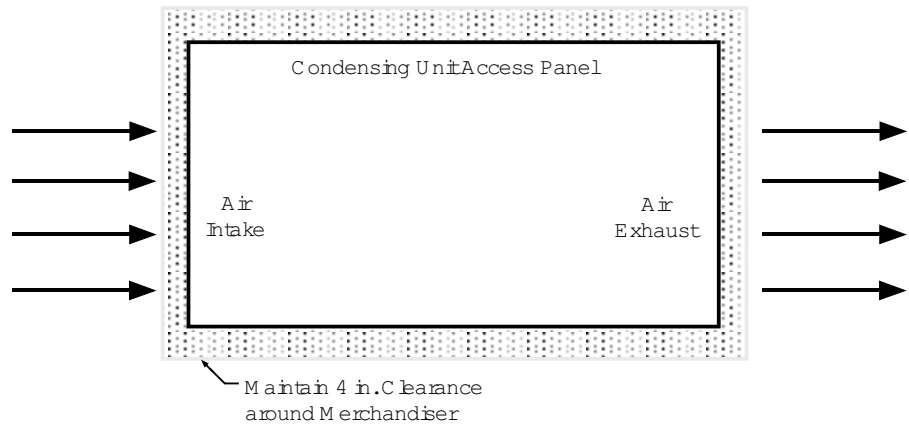
Merchandisers must not draw in air from the warm exhaust of another merchandiser. IS models placed in close proximity must have the air discharge directed toward the inside of the two merchandisers. This prevents warm discharge air from being directed towards the air intake of another merchandiser. See the illustrations below.





SN / SM

SN / SM models must have a 4-in. clearance around all sides of these merchandisers.





HSD

HSD models must have a 4-in. clearance around all sides of these merchandisers.

