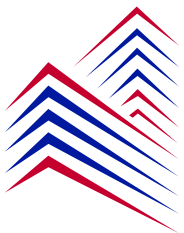


# INDUCTION UNITS

FMLBY  
FMTBY



**DADANCO**

feel the difference™

# BUILT ON INNOVATION

**HIGH EFFICIENCY PERIMETER INDUCTION UNITS (HEPIU)** utilize Dadanco innovations to significantly improve the performance, energy efficiency and comfort levels of HVAC systems with minimal changes to existing infrastructure and less demand on space with a “greener” solution. DADANCO’s HEPIU systems can dramatically improve the buildings HVAC system performance without the need to increase the size of the existing ductwork system. With increased entrainment ratios, DADANCO units are able to utilize 2 row coils with 12 fins per inch, where the older units had less heat transfer surface. This dramatically increases cooling and heating output.

## PRODUCT DATA AND PERFORMANCE

**Primary Airflow** is 15 to 70 CFM

**Performance Range** 1,400-6,800 heating/cooling BTUH

**Coil** 2 row coils with 12 fins per inch

**Sizes** From 2 to 6ft.

**\*Data assumes a 4' unit with 0.5GPM of water**

## COMMON APPLICATIONS

**From system upgrades to freeing floor space**, DADANCO induction units are available to replace and upgrade most of the older induction unit models that are no longer in regular production from their original manufacturers. Reducing noise levels can also be achieved with the new induction units as well as freeing floor space by replacing the existing wall/floor mounted induction units with concealed ceiling-mounted active chilled beam. (See ACB30/35)

If increasing the unit cooling capacities and lowering noise levels is an objective, the new induction units can be sized to maximize the cooling capacities while still operating at no more than the original primary airflows and operating static pressures. Dadanco induction units utilizing the new nozzles are whisper quiet and will provide significant noise reduction over the original units .

Induction unit replacements are often in the following building types; Hospitals and Health Care, Government buildings, Institutional buildings, Defense buildings, Schools/ Universities, Laboratories and Commercial buildings.

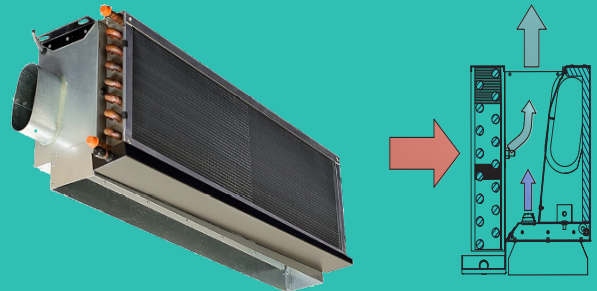




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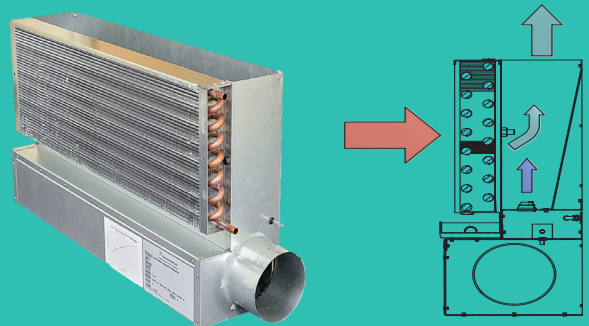
## FMLBY THE "LOW BOY"

Designed for direct replacement units, DADANCO's low boy can fit seamlessly into a 1 1/2" enclosure with standard 3 or 4 inch oval transitions. Custom projects requiring a round spigot on the unit DADANCO can provide a flat oval on a round transition or redesign the low boy to fit around a round spigot



## FMTBY THE "TALL BOY"

Designed for taller enclosures, the 17" induction unit provides an easy installation solution for replacement projects. The Tall Boy is designed with standard 3 or 4 inch round transitions that fits most current connections.



### PERFORMANCE CHARACTERISTICS

MODEL	SIZE		TYPICAL CAPACITY			SOUND LEVEL
	Width	Height	Cooling (BTUH)	Heating (BTUH)	Primary Airflow (CFM)	
FMLBY	8 3/4"	11 1/2"	1,400-4,500	2,900-6,800	15 - 70	NC15-NC30
FMTBY	7 1/8"	17"	1,400-4,500	2,900-6,800	15 - 70	NC15-NC30





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