

Table 1. Recommended Air Exchange Rates per animal in cubic meters per minute.

Management Group	Weight in Kilograms	Minimum Rate Cold Weather	Transition Rate Mild Weather	Transition Rate Warm Weather	High Rate Summer
Newborn	40-80	0.4	0.9	1.8	2.8
Transition	80-180	0.6	1.1	2.4	3.7
Adolescent	180-365	0.7	1.4	2.8	4.2
Bred Heifer	365-545	0.9	1.7	3.4	5.1

Source: Gooch, Curt A., P.E. "Existing Facilities for Replacement Housing – 4th in a Series: Providing a conducive environment for housing heifers may be possible in older facilities" and "Cow Comfort: An Overview of All Components." Pro-Dairy Program of Cornell University Cooperative Extension Service, Department of Agricultural and Biological Engineering, Cornell University.

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