

(This foreword is provided for information only and is not part of the draft addendum.)

FOREWORD

Draft Addendum 90.1r – 1st Public Review Draft.

As it was written, exception b could be interpreted to mean that an economizer is not required on any system that has any type of filtration. This was not the committee's intent. The intent was for specific types of air cleaning that are expensive and have high pressure drops to be excluded from the economizer requirement. Gas phase air cleaning should be used to clean the ventilation air only. If it is required to be sized for economizer airflow, its cost becomes prohibitive.

Addendum 90.1r

Exceptions to 6.3.1: Economizers are not required for the systems listed below.

- (a) Individual fan-cooling units with a supply capacity less than the minimum listed in Table 6.3.1.
- (b) Systems that include gas phase air cleaning in order to meet the requirements of 6.1.2 of ASHRAE Standard 62.
- (c) Where more than 25% of the air designed to be supplied by the system is to spaces that are designed to be humidified above 35°F (2°C) dewpoint temperature to satisfy process needs.
- (d) Systems that include a condenser heat recovery system complying with 6.3.6.2.
- (e) Systems that serve *residential* spaces where the system capacity is less than five times the requirement listed in Table 6.3.1.
- (f) Systems that serve spaces whose sensible cooling load at design conditions, excluding transmission and infiltration loads, is less than or equal to transmission and infiltration losses at an outdoor temperature of 60°F (16°C).
- (g) Systems expected to operate less than 20 hours per week.
- (h) Where the use of outdoor air for cooling will affect supermarket open refrigerated casework systems.
- (i) Where the cooling efficiency meets or exceeds the efficiency requirements in Table 6.1.3.