



This thermal image shows how a correctly positioned Shearflow air curtain can completely separate warm and cold air zones.

COLD STORAGE

Cold Stores, food preparation areas and chill rooms can be protected against the ingress of warm air by the installation of a Shearflow ambient (unheated) air curtain. The ambient air curtain provides an invisible air barrier and if a well designed, correctly sized unit is installed it is possible to prevent mixing of internal (chilled) and external (warm) air. Extensive research is carried out at Shearflow's research and development facilities to ensure that the airflow speed and pattern is exactly as needed for such critical applications.

Use of air curtains to protect cold stores also avoids the need for protective screens and barriers in front of open

doorways, which reduce visibility, for example where powered handling equipment is in use. Ambient air curtains may also be used as dust and insect barriers.

All Shearflow S-Series modular air curtains can be supplied as ambient units for cold stores. The modular construction allows any width of doorway to be covered and door heights of up to 6m to be screened. Vertical mounting, using optional mounting brackets, allows further flexibility.

When ordered as cold store variants, S range air curtains can be supplied with additional brackets, to clear projecting cold store doors, and door switch activation.

For individual model specifications please see respective pages.

Vertically mounted modular units in chill store.

