



Victoria International Airport Terminal

Victoria, British Columbia



CHALLENGE: Jet engine exhaust odors. Prior to the start of a six phase \$21 million airport expansion and renovation project, the airport authority was receiving regular complaints about jet engine exhaust odors in the offices, terminal and baggage claim areas.

SOLUTION: Twenty-six 2" Dynamic Tandem Air Cleaners were installed in four new custom air handling units and one existing air handling unit serving a baggage claim area, customs area, ticketing and arrivals area, pre-board and retail spaces, and new baggage handling facility.

RESULTS: The first Dynamic Tandem Air Cleaners were installed in phase one during the summer of 2001. According to the engineer, "Once the Dynamic Air Cleaners were installed, the jet exhaust odor complaints stopped. We were at first skeptical, but that was the first indication that the Dynamic Air Cleaners really did perform well."

Although the mechanical portion of each phase went out for bid, the client was happy with the filtration system performance and made sure that air handlers on all subsequent phases were equipped with Dynamic Air Cleaners.

KEY PARAMETERS

Type of Facility: Existing (EB)

Function: Airport Terminal

Area: 120,000 sq. ft.

TEAM

Owner: Victoria Airport Authority

Architect: Moore Paterson

Engineer: Hirschfield Williams Timmins Ltd.

Construction Manager: Durwest Construction Management