

project brief

TYPE OF FACILITY:

Medical Research / Educational Facility



UBC Life Sciences Centre

■ Vancouver, British Columbia



The University of British Columbia (UBC) Life Sciences Centre is the hub of medical education and research in Western Canada. This new facility features the largest commercial mechanical room in the province. Facing a fast track construction schedule, the large space required a piping solution that could deliver ease and speed of installation, while providing outstanding reliability.

To meet this schedule, Victaulic couplings, fittings and valves were used. The contractor utilized Vic-300 MasterSeal™ Butterfly Valves, check valves, strainers, Tour & Andersson balancing valves, and Victaulic pump components (suction diffusers and tri-service valve assemblies). To further aid fast track installation, the contractor took advantage of the Victaulic bag and tag program. Coordinated packaging, marking and shipping of products as per contractor requirements maximized their efficiency on the jobsite, providing product when and where it was needed.

SPECIFICATIONS:

SERVICES:	PIPE MATERIALS:	PIPE SIZE RANGE:
Hot, Chilled, Condenser Water	Carbon Steel	1½ – 12"/40 – 250 mm
Domestic Water	Copper/AWWA	2 – 8"/50 – 200 mm
Glycol Heat Recovery/Heating	Carbon Steel	2 – 8"/50 – 200 mm
Medical Vacuum Vent	Galvanized	4"/100 mm

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MARKET:

HVAC

VICTAULIC SOLUTIONS:

Compressed schedule and speed and ease of installation

OWNER:

University of British Columbia Properties

CONTRACTORS:

Fred Welsh Ltd.

ENGINEER/CONSULTANT:

MCW Consultants Ltd.

COMPLETED DATE:

2006



WCAS-75PG9W

