

BLACKFIVE VALVES

CABINETS FOR SAMPLING VALVES

INTRODUCTION

Safety Sample cabinets can be provided for most Blackfive Sampling valves to provide extra protection to operators when taking samples, also to provide extra security to the company from unauthorised release of material from the process.

INSTALLATION

Standard Cabinets can be fitted to the following series valves :-
Series 1, Series 5, Series 6, Series 8, Series 10, Series 11 and Series 12 valves. A remote standard cabinet can also be fitted to the Series 11 valves.

TECHNICAL SPECIFICATION OF CABINETS

Standard cabinets are manufactured from Grade 304 Stainless steel with a removable hinged door and a flexible polymer door seal. The doors are fitted with an adequate safety glass viewing window allowing the sample bottle and its contents to be clearly visible. The doors are also fitted with a chromed handle and a lock supplied with two keys.

External dimensions of the cabinets are 300 mm high x 250 mm wide x 150 mm deep. Normally the sample collection adaptor is arranged for the bottle to vent into the cabinet. Flanged connections can be provided as an extra to connect to an extraction system. The base of the cabinet is fitted with a ¼ " BSP drain.

Cabinets can be fitted to valves for horizontal or vertical pipework.

For the Series 6, Series 10 and Series 11 valves in horizontal pipework the cabinets are self supporting off the pipework or off the working floor.

Bottle shrouds/supports can be provided for collecting samples into serum cap bottles. Steam heating coils can also be provided inside the cabinets for materials liable to solidify in cold weather. Also jackets can be provided for most valves. Facilities to purge the bottle connectors and if necessary the cabinets with dry nitrogen can be provided. Some valves can be provided with lockable handles. Valves can be provided with cabinets to sample from pipelines under full vacuum. Special cabinets can be made to order if standard cabinets are not suitable.

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