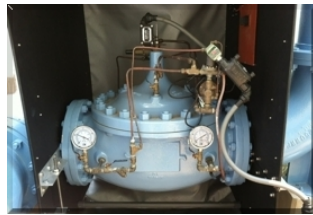
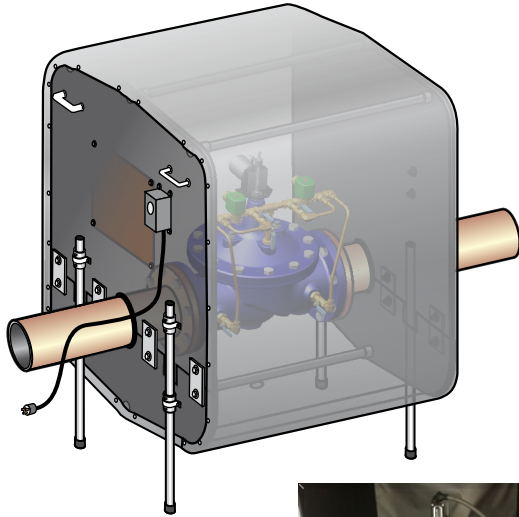




MODEL — VHB Series

Control Valve Removable Heating Box



Typical Applications

- Water Treatment Facilities
- Ground or Elevated Storage Tanks
- Booster Pump Stations
- Pipe Lines
- Ground Water Wells
- Golf Courses

This brochure contains typical applications for the VHB Series control valve heating box systems. There are many different applications not shown in this brochure. Contact us with your specific application and we will provide a field proven solution.

Model VHB

- Simple Solution to Freeze Protection on Exposed Control Valves
- Modular Design Allows for Easy Installation and Removal
- Durable Weather Resistant Construction
- Heated or Non-Heated Models
- Designed for Valve Sizes up to 36"
- Adjustable Stabilization Legs Prevent Heating Box Movement

The VHB Series control valve heating box systems are designed and used for freeze protection on exposed control valves up to 36".

The VHB heating boxes easily install with bolt on side flange panels, wrap-around insulating blanket with snap fasteners and velcro flap connections.

The heating boxes provide an internal insulated/heated environment for the control valve as ambient temperature drops below freezing.

The VHB heating boxes are industrial grade and fabricated with extreme wear-resistant materials for outdoor waterproof service in corrosive areas. They operate on 120 VAC power and have an FM approved bi-metallic thermostat sensing ambient temperature. The thermostat automatically turns the heating box on as the ambient temperature drops below 35° (F) and turns the heating box off as ambient temperature rises above 50° (F). This automatic on/off temperature control reduces power consumption and maintenance time when ambient temperatures rise or fall throughout the day.

Easy open wrap-around blanket cover allows valve access for controls adjustment without removing the box. Optional side access flaps with velcro connections can be incorporated into the blanket cover upon request.

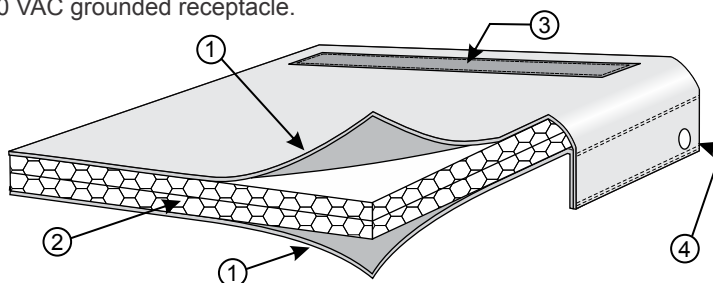
Adjustable stabilization legs prevent heating box movement after installation.

*The VHB Series control valve heating box systems are not rated for hazardous or explosive areas.

Materials of Construction

The VHB heat box blanket cover is fabricated with a top and bottom shield of Teflon coated heavy-woven fiberglass fabric that is water and wear-resistant. The next layer is a double sheet of durable water resistant bubble insulation. The blanket is stitched and cross-stitched complete with quick snap fastener flaps to secure the wrap-around blanket to the side flange panels. The side flange panels are made of 3/8" thick HDPE high tensile strength, impact resistant, and abrasion resistant thermoplastic. One side panel includes a 12" X 12" silicone rubber heating pad (360 watts) to radiate heat inside the valve box. Larger heating boxes include an additional heating pad. The external power cord is connected to any 120 VAC grounded receptacle.

1. TEFLON COATED HEAVY-WOVEN FIBERGLASS FABRIC
2. DURABLE WATER RESISTANT BUBBLE INSULATION
3. VELCRO CONNECTIONS
4. SNAP FASTENERS



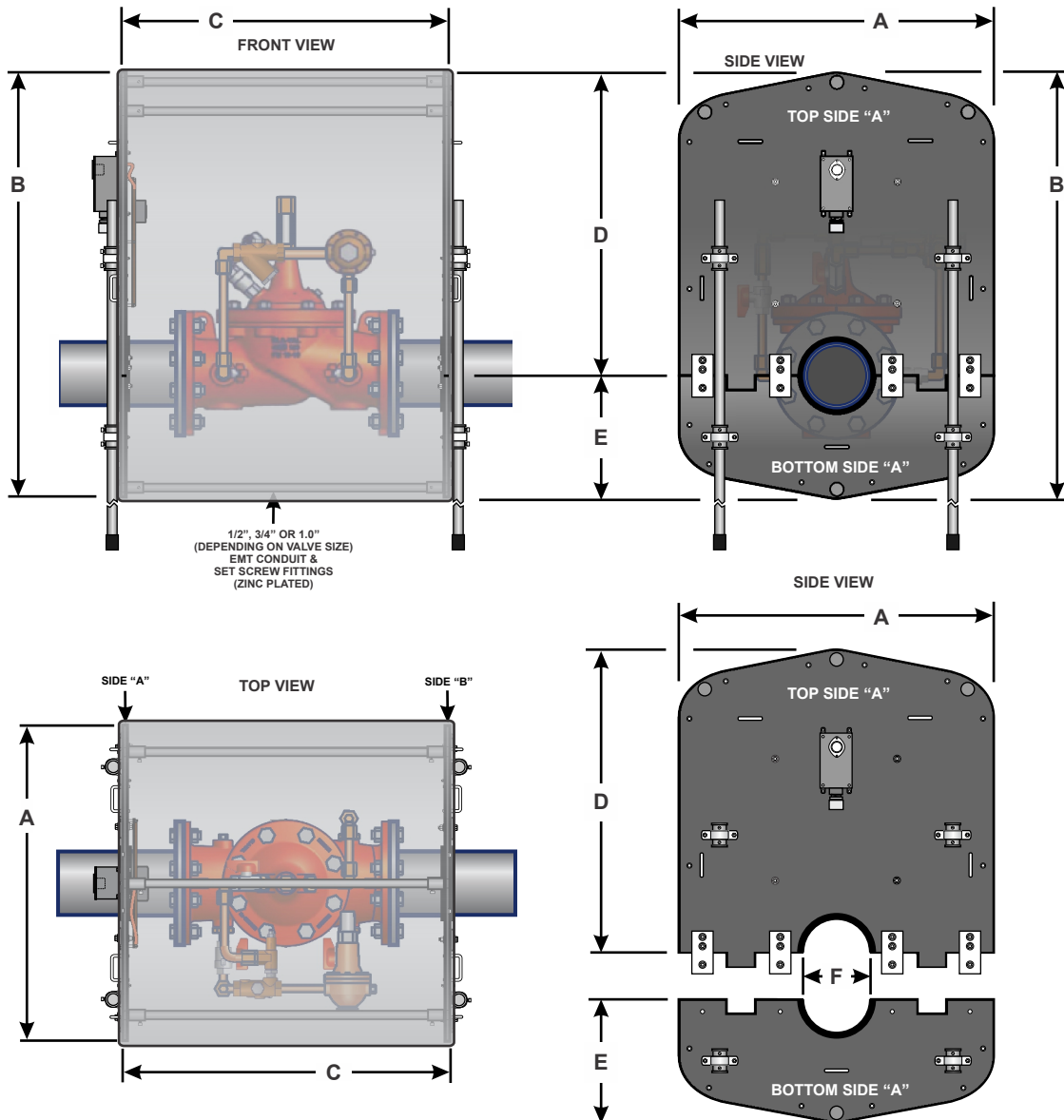
Control Valve Removable Heating Box

Heating Box Dimensions
Valve Models 100-01 & 100-20

SIZE	A	B	C	D	E	F
2"	26.0"	31.5"	17.5"	23.0"	8.5"	2.5"
3"	26.0"	31.5"	20.0"	23.0"	8.5"	3.8"
4"	26.0"	33.0"	23.0"	23.0"	10.0"	4.8"
6"	46.0"	46.0"	28.0"	36.0"	10.0"	6.9"
8"	46.0"	49.0"	37.0"	36.0"	13.0"	9.1"
10"	54.0"	55.0"	42.0"	42.0"	13.0"	11.1"
12"	54.0"	59.0"	46.0"	42.0"	17.0"	13.2"
14"	62.0"	65.0"	51.0"	48.0"	17.0"	15.3"
16"	62.0"	69.0"	54.0"	48.0"	21.0"	17.4"
18"	70.0"	75.0"	58.0"	54.0"	21.0"	19.5"
20"	70.0"	80.0"	64.0"	54.0"	26.0"	21.6"
24"	80.0"	104.0"	73.0"	78.0"	26.0"	25.8"
30"	84.0"	120.0"	75.0"	89.0"	31.0"	32.0"
36"	94.0"	126.0"	88.0"	95.0"	31.0"	38.3"

Heating Box Dimensions
Valve Models 61-02 & 661-02

SIZE	A	B	C	D	E	F
3"	26.0"	31.5"	20.0"	23.0"	8.5"	3.8"
4"	26.0"	35.0"	23.0"	25.0"	10.0"	4.8"
6"	46.0"	49.0"	28.0"	39.0"	10.0"	6.9"
8"	46.0"	54.0"	37.0"	41.0"	13.0"	9.1"
10"	54.0"	58.0"	42.0"	45.0"	13.0"	11.1"
12"	54.0"	64.0"	46.0"	47.0"	17.0"	13.2"
14"	62.0"	70.0"	51.0"	53.0"	17.0"	15.3"
16"	62.0"	76.0"	54.0"	55.0"	21.0"	17.4"
18"	70.0"	76.0"	58.0"	55.0"	21.0"	19.5"
20"	70.0"	81.0"	64.0"	55.0"	26.0"	21.6"
24"	80.0"	104.0"	73.0"	78.0"	26.0"	25.8"
30"	84.0"	120.0"	75.0"	89.0"	31.0"	32.0"



Control Valve Removable Heating Box

Heating Box Side Flange Panels Materials of Construction

