

# FlowCon Insulation Shells

*Insulation shells for FlowCon valves*



## SPECIFICATIONS

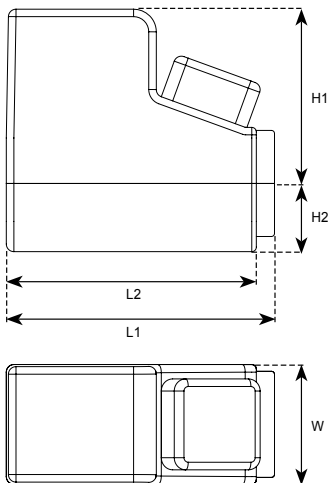
Temperature rating:	-55°C to +105°C / -67°F to +221°F, according to DIN53424
Material:	EPP (polypropylene foam)
Density:	40 g/l
Thermal conductivity:	38 mW/(m·k), according to DIN52612
Fire rating:	F, according to EN13501-1
Resistant to:	Water, sea water, glycol, silicone grease, alcohol (ethanol), soaps, deterative solutions (10% Extran MA01), mild acids (10% Nitric acid, 10% Sulfuric acid, 10% Hydrochloric acid).

## DIMENSIONS AND WEIGHTS (NOMINAL) (measured in mm unless noted)

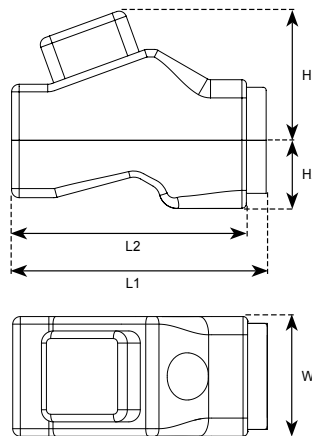
Model no.	Fits	L1	L2	W	H1	H2	Weight (kgs.)
IF3890	F3890.4	120	-	170	63	45	0.06
IA	A 15-25 with: - E-JUST <sup>1</sup> - Composite <sup>1</sup> - Stainless steel insert in adaptor <sup>1</sup> - Strainer - Strainer w. drain valve	177	165	79	115	45	0.04
IAB	AB 15-25 small with: - E-JUST <sup>1</sup> - Composite <sup>1</sup> - Stainless steel insert in adaptor <sup>1</sup> - Strainer - Strainer w. drain valve	177	165	79	115	45	0.04
IEVC	EVC 15-20 with: - E-JUST - Composite	168	155	79	85	45	0.04
IEVS	A 15-25 with EVS AB 15-25 small with EVS	177	165	79	85	45	0.03
IGreen	A 15-25 with Green.0/1 AB 15-25 small with Green.0/1 ABV 15-25 small with Green.0/1 <sup>1</sup>	177	165	79	85	50	0.03
ITJUST	A 15-25 with T-JUST AB 15-25 small with T-JUST ABV 15-25 small with T-JUST	177	165	79	85	50	0.03
IF3900	By-Pass assembly consisting of F3900.2, AB 20 and FlowCon IVC strainer	260	-	190	85	105	0.14

Note 1: Not applicable if the insulation shell is combined with IF3890.

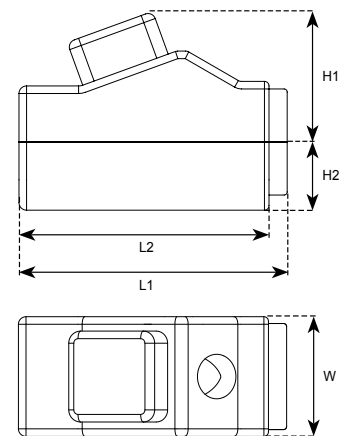
**Insulation Shell - FlowCon IA / IAB**



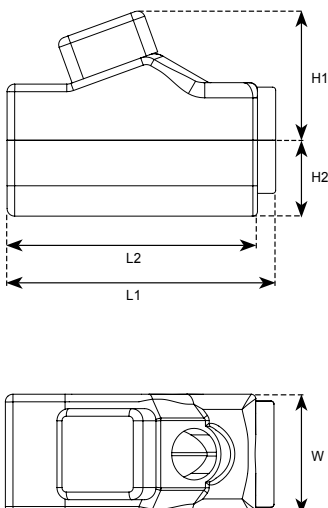
**Insulation Shell - FlowCon IEVC**



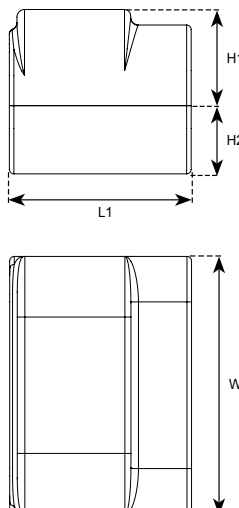
**Insulation Shell - FlowCon IEVS**



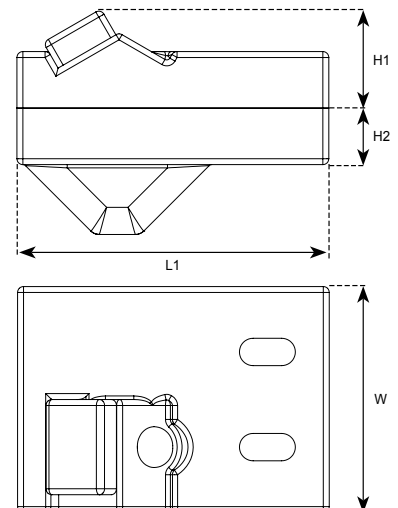
**Ins. Shell - FlowCon IGreen / ITJUST**



**Insulation Shell - FlowCon IF3890**



**Insulation Shell - FlowCon IF3900**



## MODEL NUMBER SELECTION

Insert type of valve/valve body:

**F3890**= for By-Pass unit with 4 unions

**A**= for A housings with E-JUST<sup>2</sup> / Composite<sup>2</sup> / Stainless steel insert in adaptor<sup>2</sup> / Strainer<sup>2</sup> / Strainer w. drain valve

**AB**= for AB housings DN15-25 small with E-JUST<sup>2</sup> / Composite<sup>2</sup> / Stainless steel insert in adaptor<sup>2</sup> / Strainer / Strainer w. drain valve

**EVC**= for EVC housings with E-JUST (alternatively Composite / Stainless steel insert in adaptor, but cap not covered)<sup>3</sup>

**EVS**= for A / AB housings DN15-25 small with EVS and Stainless steel insert<sup>3</sup>

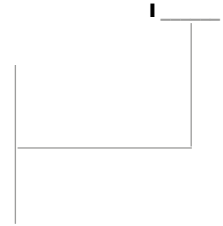
**Green**= for A / AB / ABV<sup>2</sup> housings DN15-25 small with Green.0/.1<sup>3</sup>

**TJUST**= for A / AB / ABV housings DN15-25 small with T-JUST<sup>3</sup>

**F3900**=full By-Pass assembly consisting of F3900.2, AB Valve Body and FlowCon IVC Strainer

Note 2: Not to be combined with IF3890.

Note 3: Actuator will be outside the shell.



## ACCESSORIES

Spare part p/t plug cap: ACCIPT.

## GENERAL DESCRIPTION

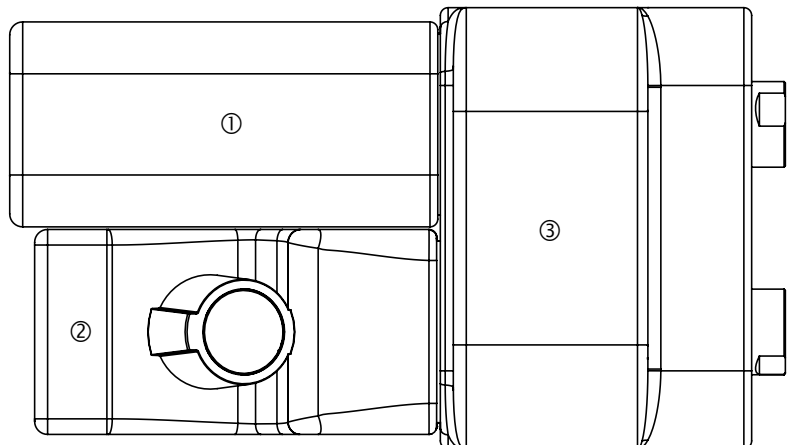
The insulation shells are temperature insulation for FlowCon valves in environments with temperatures very different from the media temperatures in the valves. The insulation shells are easily fitted and removed (if necessary) due to the soft snap function of the foam. All insulation shells for valve housings are also included with the accessory part ACCIPT (for easy access to the optional p/t plugs).

The insulation shells IA (for A-body with strainer / strainer with drain valve), IAB (for AB-body with strainer / strainer with drain valve), IEVC (for EVC-body), IEVS (for EVS-insert with either A or AB-body) and IGreen (for Green inserts with either A or AB-body) can be combined with IF3890 (for By-Pass unit) so that there is an overlap between the two parts which will affect the total length. The insulation shell IF3900 fits the full By-Pass assembly consisting of FlowCon By-Pass F3900.2, various AB DN20 valve configurations and FlowCon IVC strainer.

## APPLICATION EXAMPLE

③ IF3890 on By-Pass valve with 4 unions.

- ① IA on A 20mm housing with strainer and drain valve.  
Note: IA/IAB can only be fitted on supply side when used together with IF3890.



② IEVC on EVC 20mm housing with E-JUST and EV actuator.

## UPDATES

For latest updates please see [www.flowcon.com](http://www.flowcon.com)

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