

# FLOWGUARD UNIT REFERENCE

Damper Type

Design Pressure

Shell Material

Connection Size

**FG -- 50 -- 18 -- NBR -- SS -- E -- 1½" 150 RF/WN**

Damper Volume

Membrane Material

Connection Number  
Position & Type

Connection Detail

## DAMPER TYPE

DS : Bladder Type, Stainless Steel, Single Flanged/Threaded connection, Limited Documentation, Ex-stock delivery, Lowest cost.  
DP : Bladder Type, Polypropylene, Single Threaded connection, Limited Documentation, Ex-stock delivery, Lowest cost.  
DV : Bladder Type, PVC, Single Threaded connection, Limited Documentation, Ex-stock delivery, Lowest cost.  
FG : Bladder Type, Choice of Materials, Flanged & Threaded connections, Full Documentation.  
HG : Bladder Type, High Pressure, Choice of Materials, Flanged & Threaded connections, Full Documentation.  
FB : Bellows type, Choice of Materials, Flanged & Threaded connections, Full Documentation.  
FD : Diaphragm Type, Choice of Materials, Flanged & Threaded connections, Full Documentation.  
FB/TD : Bellows Type Transfer Damper (1 PTFE membrane, 1 rubber membrane).  
FG/TD : Bladder Type Transfer Damper (2 rubber membranes).  
FL : Float Type, Choice of Materials, Flanged & Threaded connections, Full Documentation.  
FV : Vessel, No Separator, Choice of Materials, Flanged & Threaded connections, Full Documentation.

## DAMPER VOLUME

05 : 0.05 L	57 : 3.50 L	80 : 15.00 L
10 : 0.10 L	60 : 5.00 L	85 : 15.00 L
20 : 0.25 L	65 : 5.00 L	90 : 30.00 L
30 : 0.50 L	70 : 10.00 L	100 : 50.00 L
40 : 1.00 L	75 : 10.00 L	200 : 100.00 L
50 : 2.00 L		

**DESIGN PRESSURE** - Expressed in Bar G

## MEMBRANE MATERIAL

NBR : Nitrile Rubber	CR : Neoprene Rubber	TF : Teflon (PTFE)
EPT : EPDM Rubber Equivalent	IIR : Butyl Rubber	SS : 316 Stainless Steel
FPM : Viton Rubber	ECO : Epichlorohydrin Rubber	HBR : Hydrogenated Nitrile Rubber
SI : Silicon Rubber	FSI : Fluorosilicon Rubber	EPC : EPDM Peroxide Cured
NR : Natural Rubber	CS : Hypalon Rubber	

- **ITEMS NFW/EFW/FFW REFER TO WHITE FOOD COMPOUNDS**

## SHELL MATERIAL

SS : 316 Stainless Steel	HC : Hastelloy C	PP : Polypropylene
CS : Carbon Steel	M : Monel	PVC : Polyvinylchloride
TT : Titanium	CN : Cupro-Nickel	DX : Duplex 31803

## CONNECTION – NUMBER, POSITION & TYPE

A : Single Port, Threaded  
B : Twin Port(In Line), Threaded  
C : Single Port, Flange Facing  
E : Single Port, Welded Flange  
F : Twin Port (In Line), Welded Flanges (Side Entry/Exit set at 180 Degrees)  
E/F : Twin Port (In Line), Welded Flanges (Side Entry, Bottom Exit)  
F90 : Twin Port (In Line), Welded Flanges (Side Entry/Exit set at 90 Degrees)

## CONNECTION SIZE & DETAIL

Port Size expressed in inches or millimetres, followed by Connection Specification, i.e. Flange Rating or Thread Type.