

**Emergency Pressure Relief Valve (EMERGENCY VENT) Hinged Operated
Model No: PFCI/EPRV/2051**

The Pre'con Model No: PFCI/EPRV/2051 Emergency Pressure vent is designed based over 40 years of technical expertise in manufacturing high quality and reliable conservation vent.

The continual improvements in design provides the optimum combination of reliability, High flow capacity and low leakage rate suitable for variety of service.

The Emergency Pressure relief valve Hinged type is designed for economical solution against the requirement of higher setting with weight loaded pallet. For the examination of tank, the entire pallet assembly with hinge may be lifted, which offer clear passage. Since no dismantling of unit or replacement of gasket is necessary, This eliminates the use of expensive manpower needed to pur the emergency vent back in operation.

Standard material of construction for body is Cast Aluminium, Cast Steel, Stainless steel 304/316. Pallet is made of Stainless Steel 304/316.

Special Features.

Pre'con Special "air cushioning" diaphragms are constructed of Teflon. Teflon diaphragms contribute to high resistance to adhesion of ice & gum formation caused by atmospheric moisture and resinous vapors. Thus assuring protection against pallet sticking to the seating surface.

The carefully constructed seat and pallet assembly offer superior combination for High flow capacity with minimum over pressure.

The Vertical central guiding system ensures the proper alignment of seating surface and vertical lift of pallet provides maximum flow.

The emergency vent is very easy to install and very convenient in handling .

All pre'con products are inspected and tested in house to meet all critical requirements of customer.

The venting capacities certified in accordance with API /ISO and EN standard.



TABLE – 1 SELECTION OF MATERIAL

DESCRIPTION	A	B	C	D
Body	Cast Aluminium	CS	SS304	SS316
Diaphragm	PTFE	PTFE	PTFE	PTFE
Hinge Pin	SS304	SS304	SS304	SS316
Diaphragm Retainer	AL/SS 304	AL/SS 304	SS 304	SS 316
Fasteners	MS Zinc plated	MS /SS 304	SS304	SS316
Hinge	MS Zinc plated	MS /SS304	SS304	SS316
Hinge Arm	MS Zinc Plated	MS /SS 304	SS304	SS316

Any special materials like Teflon coating, FRP coating, Hast alloy, upon request.

TABLE – 2 SELECTION OF PALLET MATERIAL

DESCRIPTION	A	B
Size	6" to 12"	14" to 24"
Set Pressure mm Wc	100 to 1000	100 to 800
Pallet Material	Stainless Steel	Stainless Steel

Any special materials like Teflon coating, FRP coating, Hast alloy, Titanium upon request.

End connections : ANSI, API 650 ,DIN, JIS,BS & IS
 Smaller size available on request.