



# The PipeHugger range by PulseGuard<sup>®</sup> Inc.

"I Have you hugged your pipes today"

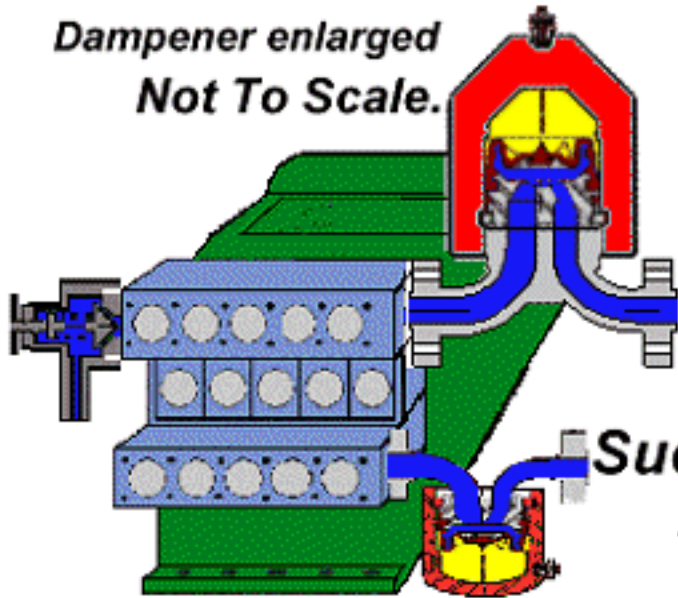
Guard against pulsation

Pressure pulsation interceptors, that also remove suction and discharge acceleration head.

## Whatever your system type, Dampening Pressure Pulsation also Reduces Flow Fluctuation the converse is not true. without flo-thru.

**PipeHugger - With elastomer membranes and up to twin 6" connections.**

Dampener enlarged  
Not To Scale.

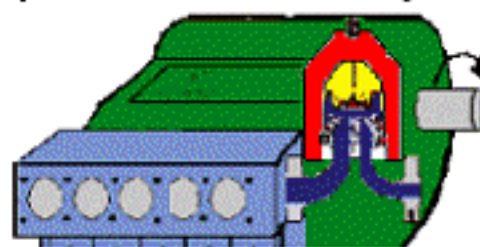


### PIPEHUGGER

Dampeners the same  
end saves space.

Suction damper down,  
stops bubble lock.

Dampener to scale with pump.



A 400 RPM Quin will  
normally run @ 800  
when "turbo charged"  
with PIPEHUGGER dampers.

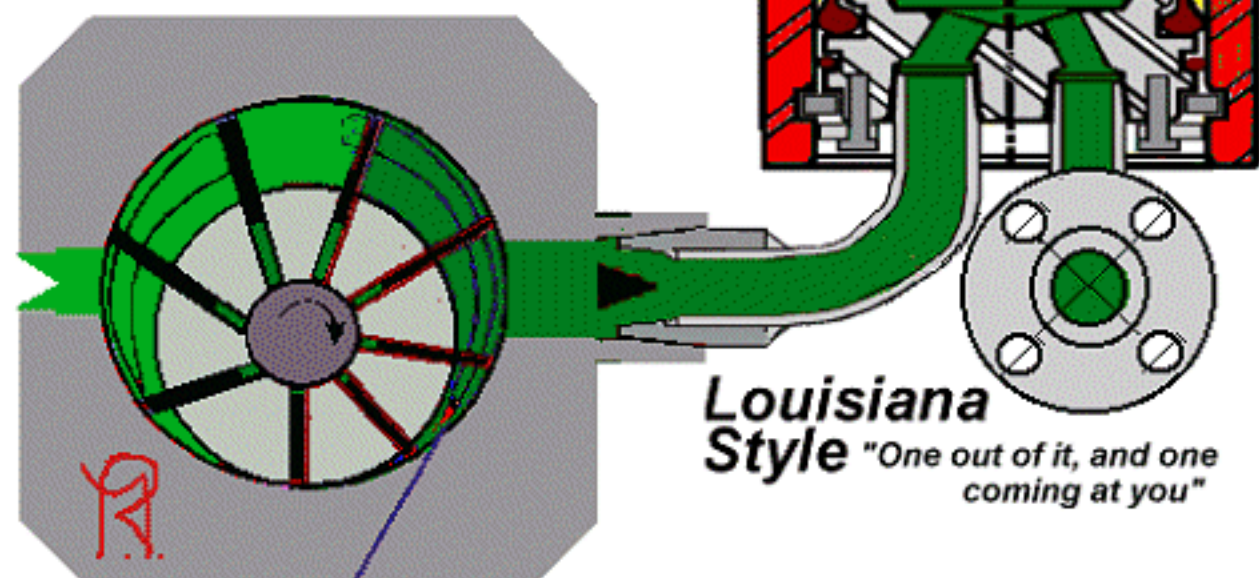
(given enough HP and ceramic plungers  
etc) without starvation knock.

See FLEXORBER for Flexflon & PTFE.

### PIPEHUGGER

For higher frequency &  
EPDM, Nitrile, Hypalon  
fluoro elastomers, etc

See FLEXORBER for Flexflon & PTFE.



Louisiana  
Style "One out of it, and one  
coming at you"

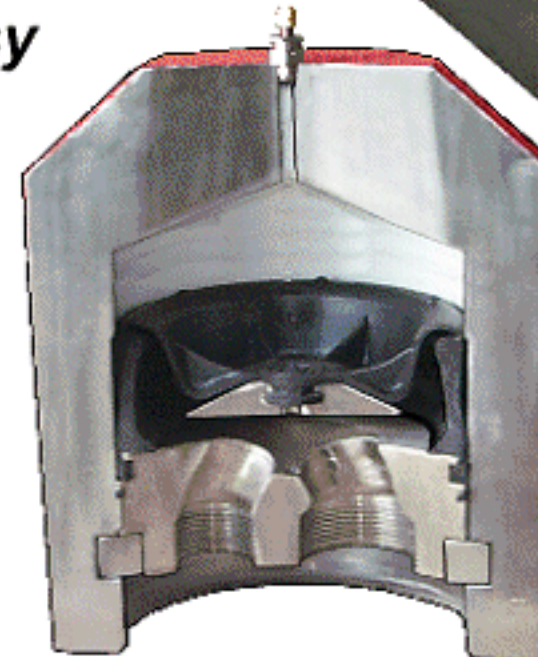
As the vane passes over the  
end of the port slot, there is  
a pressure peak from liquid  
trying to escape.

### PIPEHUGGER

Duplex stainless and  
Victaulic clamp pipe  
connections.

Florida style  
"Easy in easy out"

Freedom from  
pitting in R.O. brine  
and easy  
system  
assy.



Vessels from  
solid billet for up to  
15,000 psi /1000 Bar

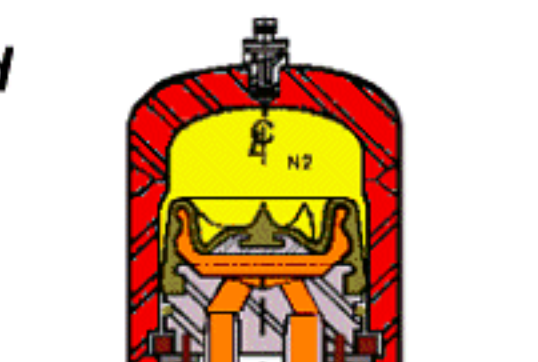
### PIPEHUGGER

Standard "off shelf" inventory PipeHuggers  
are twin connection NPT, awiating your  
choice of pipe and connection orientation.  
See "Texas" "New England" \* "Louisiana" Styles below.

### New England Style



"One up it  
and one  
in left field"



Texas Style  
"Long horn - spool piece"

To match sandwich  
TFE diaphragm  
heads, see double  
layer FLEXFLON  
diaphragm dampers,  
with secondary  
containment "O"  
ring sealing and  
hazard alert port,  
the Flexorber HP range.

### PIPEHUGGER

Intercepts the "velocity  
jump" from low vol-  
umetric efficiency and the  
stored energy decompression spike.

For larger diameter dampeners, where the ratio of connection size to chamber diameter ensure the dissipation of intercepted higher frequency pressure pulsation, please ALSO see the PIPEHUGGER low pressure ranges.

GOTO [www.pulseguard.com/pulsation\\_dampening/pulse\\_damper\\_types/bag\\_bladder\\_tube/Liquid\\_in\\_bladder/hp\\_flow\\_thru/phr\\_all\\_pumps.htm](http://www.pulseguard.com/pulsation_dampening/pulse_damper_types/bag_bladder_tube/Liquid_in_bladder/hp_flow_thru/phr_all_pumps.htm)