

Data Sheet

MODEL DA05, DA07, DA10

Non-Metallic Surge Dampeners

Quality System ISO9001
Certified

Environmental Management
System ISO14001 Certified

Metallic Construction



SANDPIPER®

IDEX
FLUID & METERING

Models DA05, DA07 & DA10

Warren Rupp, Inc. • A Unit of IDEX Corporation
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Nearly surge-free flow.

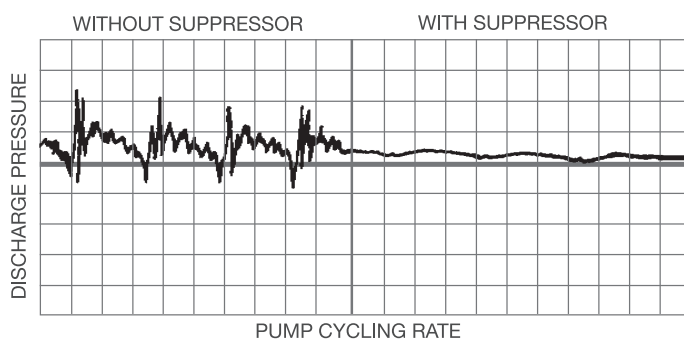
Steadier pressures.

Less shock to pipes.

Air-operated diaphragm pumps offer a wide range of benefits not available in any other type of pump. However, in some applications, pulsations in the discharge flow may be undesirable. Pulsation can be virtually eliminated by installing a Warren Rupp Surge Dampener.

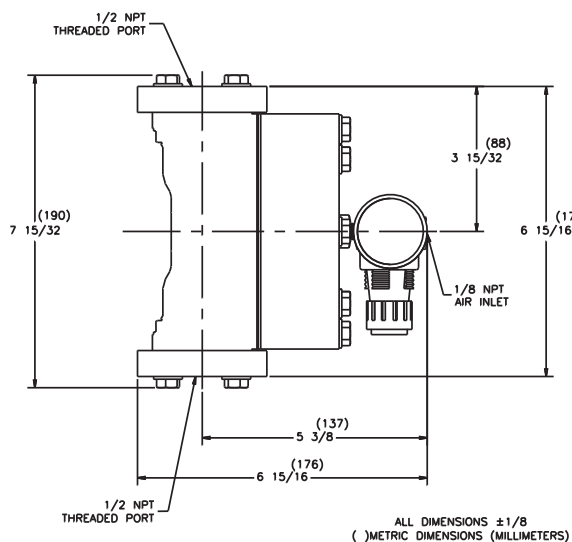
Designed specifically for use with the ½" and ¾" pumps, these units can provide nearly surge-free flow. Here's how it works:

The Surge Dampener is manually charged with air. Once this is done, the unit's diaphragm will stroke at the same rate as the pump. This movement effectively dampens flow and pressure fluctuations. No air is consumed by the Dampener, once it is charged.



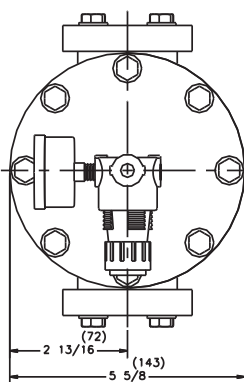
- Virgin PTFE diaphragms are standard.
- Wetted parts in polypropylene, PVDF and nylon.
- Minimal diaphragm movement results in long service life.
- Non-wetted parts are polypropylene and stainless steel.
- Small and modular in design, to fit the tightest installations

Model & Type Code	Series	Size	Design Level	Wetted Material	Non-Wetted Material	Diaphragm Material	Porting	Hardware	Options	Shipping Wt. Lbs/kg
Dampener Model DA05										
DA051PPTNS00.	DA	05	1	P	P	T	N	S	00.	6/2.72 kg
DA051PPTNT00.	DA	05	1	P	P	T	N	T	00.	6/2.72 kg
DA051KPTNS00.	DA	05	1	K	P	T	N	S	00.	6/2.72 kg
DA051KPTNT00.	DA	05	1	K	P	T	N	T	00.	6/2.72 kg
DA051NPTNS00.	DA	05	1	N	P	T	N	S	00.	6/2.72 kg
DA051NPTNT00.	DA	05	1	N	P	T	N	T	00.	6/2.72 kg
DA051APTNS00.	DA	05	1	A	P	T	N	Z	00.	6/2.72 kg
DA051SPTNS00.	DA	05	1	S	P	T	N	S	00.	6/2.72 kg
DA051KPTBS00.	DA	05	1	K	P	T	B	S	00.	6/2.72 kg
DA051NPTBS00.	DA	05	1	N	P	T	B	S	00.	6/2.72 kg
DA051NPTBT00.	DA	05	1	N	P	T	B	T	00.	6/2.72 kg
DA051PPTBS00.	DA	05	1	P	P	T	B	S	00.	6/2.72 kg
DA051PPTBT00.	DA	05	1	P	P	T	B	T	00.	6/2.72 kg
Dampener Model DA07										
DA071PPTNS00.	DA	07	1	P	P	T	N	S	00.	6/2.72 kg
DA071PPTBT00.	DA	07	1	P	P	T	B	T	00.	6/2.72 kg
DA071PPTBS00.	DA	07	1	P	P	T	B	S	00.	6/2.72 kg
DA071NPTBS00.	DA	07	1	N	P	T	B	S	00.	6/2.72 kg
DA071NPTNS00.	DA	07	1	N	P	T	N	S	00.	6/2.72 kg
DA071NPTNT00.	DA	07	1	N	P	T	N	T	00.	6/2.72 kg
DA071NPTBT00.	DA	07	1	N	P	T	B	T	00.	6/2.72 kg
Dampener Model DA10										
DA101PPTAS00.	DA	10	1	P	P	T	A	S	00.	7.2/3.25 kg
DA101PPTAT00.	DA	10	1	P	P	T	A	T	00.	7.2/3.25 kg

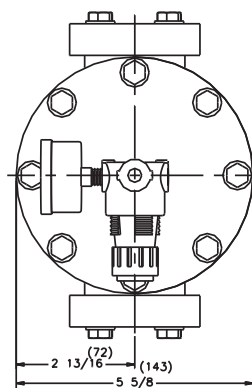
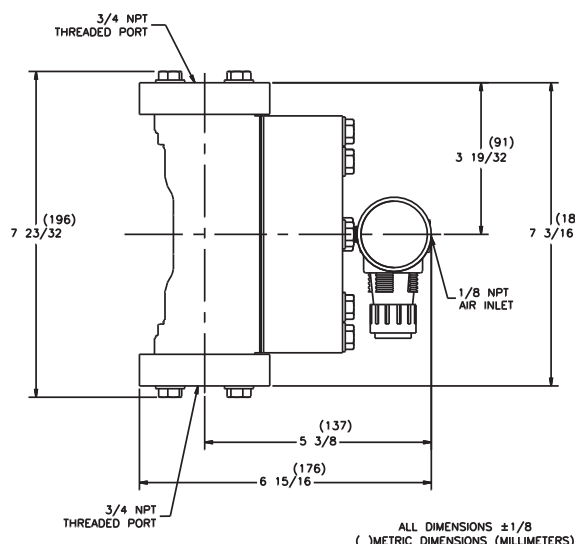


DA05

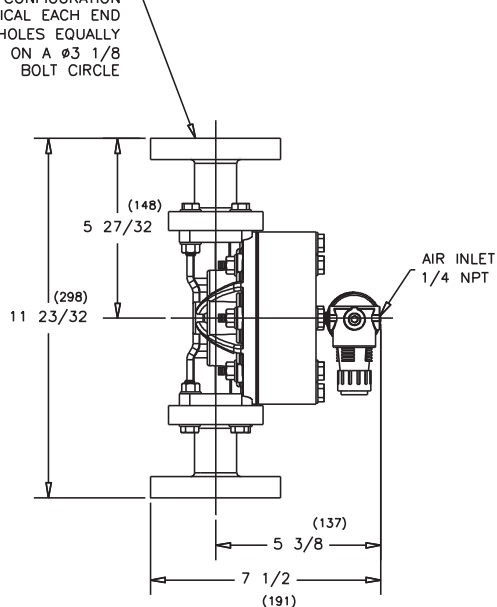
Metallic and
Non-Metallic



DA07



ANSI STANDARD 125#
1" FLANGE CONFIGURATION
TYPICAL EACH END
 $\phi 5/8$ (4) HOLES EQUALLY
SPACED ON A $\phi 3 1/8$
BOLT CIRCLE



DA10

