EHC, EHF & EHS

Ductile Iron, Carbon Steel & Stainless Steel

Model	EHC	EHC	EHF	EHS
Sizes	1", 1 1/2", 2", 2 1/2", 3", 4"	6", 8", 10"	2", 2 1/2", 3", 4", 5", 6", 8", 10", 12"	
Connections	NPT, 150# FLG	125# FLG	150# FLG	
Body Material	Ductile Iron	Cast Iron	Carbon Steel	Stainless Steel

Typical Applications

Exhaust Heads are used to separate entrained water from flash steam prior to being discharged or vented to the atmosphere. Typically used to eliminate water damage to rooftops and other equipment.

How It Works

Exhaust heads use the cyclonic effect where the velocity of the steam is used to generate centrifugal motion that whirls the steam and throws the entrained water to the wall of the unit where it is released to a drain below. Correct sizing of exhaust heads for steam service is important in order to assure the highest possible desiccation of the steam.

Sample Specification

Exhaust Head shall be a cyclone design for vertical venting to atmosphere. Unit shall have a vortex containment plate feature to prevent re-entrainment of liquid. Exhaust Head to be constructed in cast iron, carbon steel or stainless steel and available in FNPT and flanged connections.

Installation

Exhaust Head must be installed at the top of a vertical vent pipe. Exercise standard piping and structural practices when installing this unit. Proper drainage of the exhaust head is essential for proper operation. Pipe the drain Connection of the exhaust head to a roof gutter or down spout.

Exhaust Head Use:

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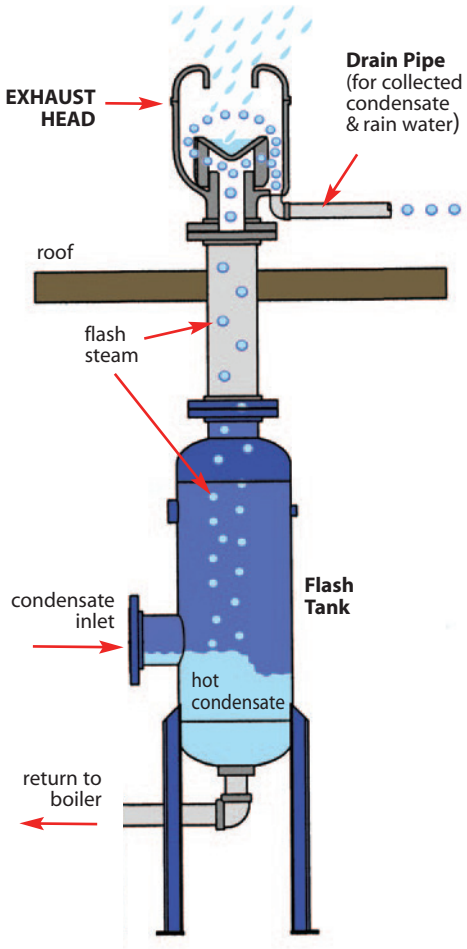

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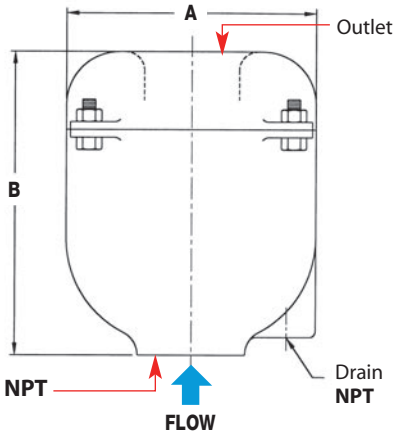
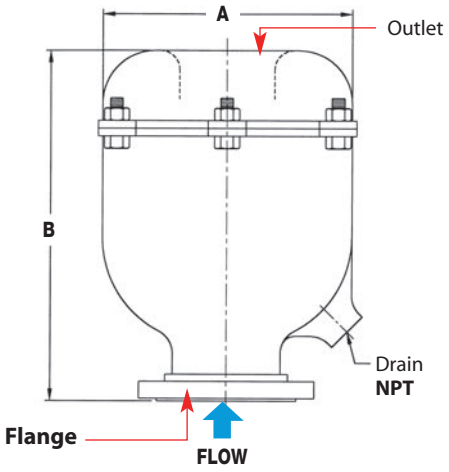




EHC - Ductile (D.I.) / Cast Iron (C.I.)

EHC DIMENSIONS *(inches),* **CAPACITIES** *(lbs/hr)*

Mat'l	Inlet Size	Inlet Connection	Model Code	A	B	Drain NPT	Weight (lbs)	Capacity*
D.I.	1"	NPT	EHC-14-N	5 1/4	6 1/8	1/2	12	160
	1 1/2"	NPT	EHC-16-N	5 1/4	6 1/8	1/2	12	370
	2"	NPT	EHC-17-N	7 1/2	8 7/8	3/4	32	1,000
	2 1/2"	NPT	EHC-18-N	7 1/2	8 7/8	3/4	32	1,000
	3"	NPT	EHC-19-N	8 3/4	11 1/4	3/4	50	2,100
D.I.	3"	150# FLG	EHC-19-F150	8 3/4	15	3/4	60	2,700
	4"	150# FLG	EHC-20-F150	10	15	1	82	2,700
C.I	6"	125# FLG	EHC-22-F125	14 3/4	18 3/4	1 1/2	137	6,000
	8"	125# FLG	EHC-23-F125	18	20	2	170	10,500
	10"	125# FLG	EHC-24-F125	23	24	2	335	16,000

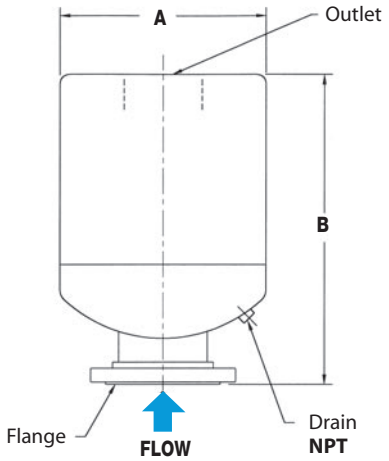
* *Capacity in pounds of exhaust steam per hour at atmospheric pressure of 14.7 PSIA.*
** *3" & 4" 150# use NPT pipe nipple and screw on flange.*
Note: For Stainless Steel versions replace EHF with EHS in model code. Example: **EHS17-150**

EHF (Carbon Steel) & EHS (Stainless Steel)

EHF & EHS DIMENSIONS *(Inches)* **& CAPACITIES** *(lbs/hr)*

Inlet Size	Inlet Connection	Model Code (Carbon Steel)	Model Code (Stainless Steel)	A	B	Drain NPT	Weight (lbs)	Capacity*
2"	150# FLG	EHF-17-F150	EHS-17-F150	10 3/4	20	1	95	1,000
2 1/2"	150# FLG	EHF-18-F150	EHS-18-F150	10 3/4	20	1	110	1,000
3"	150# FLG	EHF-19-F150	EHS-19-F150	10 3/4	20	1 1/2	115	1,600
4"	150# FLG	EHF-20-F150	EHS-20-F150	10 3/4	20	1 1/2	125	2,700
5"	150# FLG	EHF-21-F150	EHS-21-F150	16	28	2	145	4,000
6"	150# FLG	EHF-22-F150	EHS-22-F150	16	28	2	177	6,000
8"	150# FLG	EHF-23-F150	EHS-23-F150	20	30	2	320	10,500
10"	150# FLG	EHF-24-F150	EHS-24-F150	20	30	2	340	16,000
12"	150# FLG	EHF-25-F150	EHS-25-F150	24	34	2	390	22,000

* *Capacity in pounds of exhaust steam per hour at atmospheric pressure of 14.7 PSIA.*



PIPELINE ACCESSORIES