

BRYAN® STEAM

Steam Exhaust Heads Size ranges from 1"-24"



Bryan exhaust heads offer long term, maintenance-free service.

The Exhaust Head

Over 100 years ago, John J. Hoppes created his first exhaust head. Today, Bryan builds units based on this original design concept which has proven very efficient in thousands of installations through the years.

The Best Materials

Bryan exhaust heads are constructed of the finest materials. The fabricated carbon steel results in an exhaust head that lasts longer and works harder for you.

Three Levels of Protection

The Bryan exhaust head gives three levels of protection against oil and water pollution: first, an expansion chamber; second, an impingement cone; and third, a catch trough and drain. What one misses, another gets, resulting in oil-free, water-free exhaust steam.

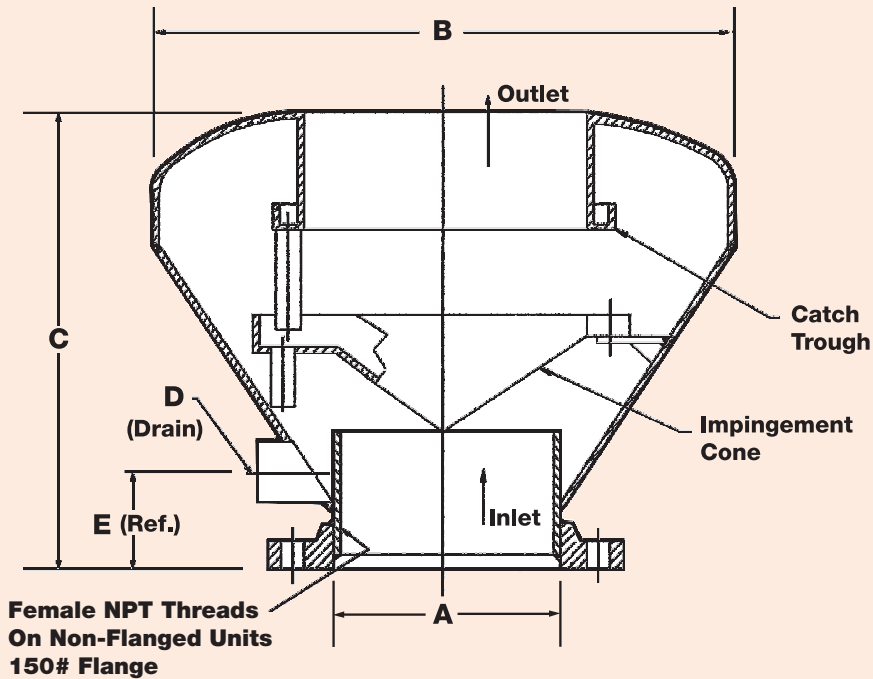
The Right Size

You have a wide range of sizes to choose from. In fact, our sizes range from 1" to 24". We have many sizes in stock and will quote on larger sizes upon request.

How Our Exhaust Head Works

Steam enters the exhaust head and gradually expands into a chamber several times the area of the pipe. The particles of oil and water in the center of the current are separated by impinging on the cone, while those on the outer edges strike against and adhere to the side of the separating chamber. The flow of the entrainment is checked by the trough partly filled with water surrounding the outlet, and the separated water is carried off through the drain pipes.

Bryan Steam Exhaust Heads



Model No.	Pipe / Flange Size		Width		Height		Drain Opening		Height to Drain		Max. Capacity in PPH	Net Weight	
	A		B		C		D		E			LBS	KG
	inches	cm	inches	cm	inches	cm	inches	cm	inches	cm			
HEH-1	1 NPT	2.54	12-3/4	32.39	12-3/16	30.96	3/4	1.91	2-1/2	6.35	100	40	18
HEH-1.5	1-1/2 NPT	3.81	12-3/4	32.39	12-3/16	30.96	3/4	1.91	2-1/2	6.35	220	40	18
HEH-2	2 NPT	5.08	12-3/4	32.39	12-3/16	30.96	3/4	1.91	2-1/2	6.35	390	40	18
HEH-2.5	2-1/2 NPT	6.35	12-3/4	32.39	12-3/16	30.96	3/4	1.91	2-1/2	6.35	610	40	18
HEH-3	3 NPT	7.62	12-3/4	32.39	12-3/16	30.96	3/4	1.91	2-1/2	6.35	880	40	18
HEH-3F	3 FLG	7.62	12-3/4	32.39	14-3/16	36.04	3/4	1.91	4-1/2	11.43	880	40	18
HEH-4F	4 FLG	10.16	16	40.64	11-1/2	29.21	1	2.54	2-3/4	6.99	1560	70	32
HEH-5F	5 FLG	12.70	16	40.64	11-1/2	29.21	1	2.54	2-7/8	7.30	2450	100	45
HEH-6F	6 FLG	15.24	20	50.80	15-3/4	40.00	1	2.54	3-1/2	8.89	3520	125	57
HEH-8F	8 FLG	20.32	20	50.80	17	43.18	1-1/2	3.81	3-7/8	9.84	6270	180	82
HEH-10F	10 FLG	25.40	24	60.96	19-3/4	50.17	2	5.08	6	15.24	9800	200	91
HEH-12F	12 FLG	30.48	24	60.96	21	53.34	2	5.08	6	15.24	14,125	210	95
HEH-14F	14 FLG	35.56	30	76.20	23-7/8	60.64	2	5.08	5-5/8	14.29	19,225	320	145
HEH-16F	16 FLG	40.64	30	76.20	24-3/8	61.91	3	7.62	6	15.24	25,125	550	249
HEH-18F	18 FLG	45.72	42	106.68	34-7/8	88.58	3	7.62	7	17.78	31,750	790	358
HEH-20F	20 FLG	50.80	42	106.68	37	93.98	3	7.62	8	20.32	39,250	875	397
HEH-24F	24 FLG	60.96	60	152.40	49-1/2	125.73	4	10.16	8	20.32	56,500	1275	578



Bryan Steam — Leaders Since 1916⁷⁸³

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