

BRYAN Exhaust Heads



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.

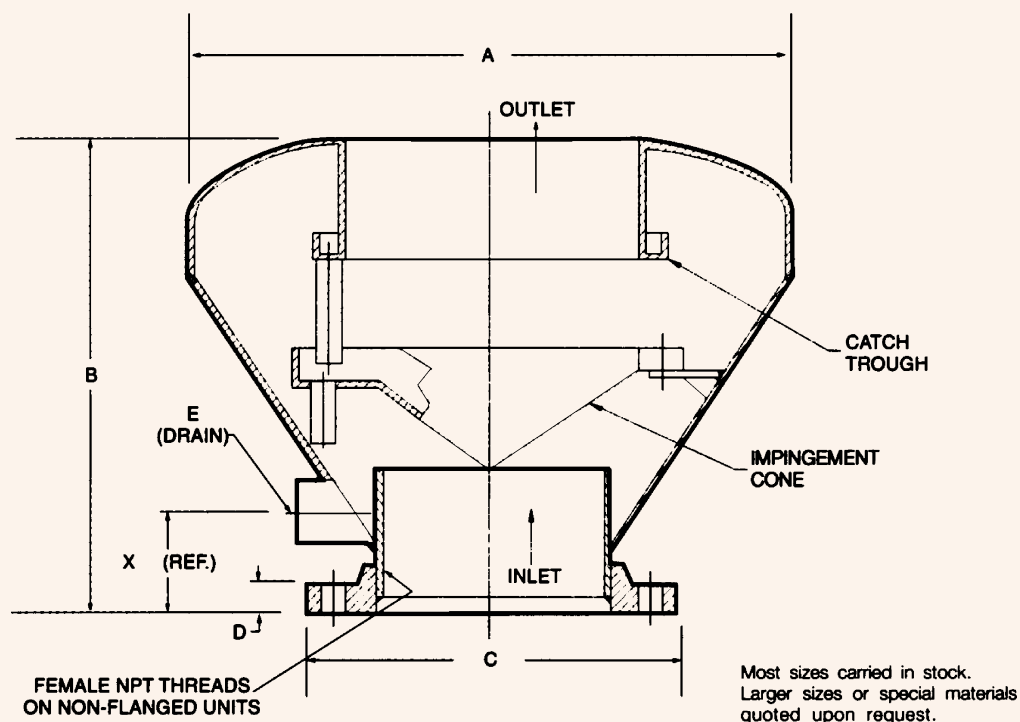
The Right Size

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.

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MODEL NO.*	NOMINAL PIPE SIZE	EXHAUST HEAD DIMENSIONS						NET WEIGHT LBS
		A	B	C	D	E	X	
HEH-1	1"	12-3/4"	12-1/4"			3/4"	2-1/2"	40
HEH-1.5	1-1/2"	12-3/4"	12-1/4"			3/4"	2-1/2"	40
HEH-2	2"	12-3/4"	12-1/4"			3/4"	2-1/2"	40
HEH-2.5	2-1/2"	12-3/4"	12-1/4"			3/4"	2-1/2"	40
HEH-3	3"	12-3/4"	12-1/4"			3/4"	2-1/2"	40
HEH-3F	3"	12-3/4"	12-1/4"	7-1/2"	1"	3/4"	2-1/2"	40
HEH-4F	4"	16"	12-3/4"	9"	1"	1"	4"	70
HEH-5F	5"	16"	12-5/8"	10"	1"	1"	4"	100
HEH-6F	6"	20"	15-1/2"	11"	1"	1"	4-5/8"	125
HEH-8F	8"	20"	17-1/2"	13-1/2"	1-1/8"	1-1/2"	4-1/2"	180
HEH-10F	10"	24"	20-1/2"	16"	1-1/8"	2"	7"	200
HEH-12F	12"	24"	21-3/4"	19"	1-1/4"	2"	7"	210
HEH-14F	14"	30"	25"	21"	1-3/8"	2"	7"	320
HEH-16F	16"	30"	25"	23-1/2"	1-7/16"	3"	7"	550
HEH-18F	18"	42"	35-1/2"	25"	1-1/2"	3"	8"	790
HEH-20F	20"	42"	36-1/2"	27-1/2"	1-5/8"	3"	8"	875
HEH-24F	24"	60"	50"	32"	1-7/8"	4"	9"	1275

*Note: "F" in Model Number designates 150 psi Flanged Model. Specifications subject to change without notice.



Bryan Steam LLC —Since 1916

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