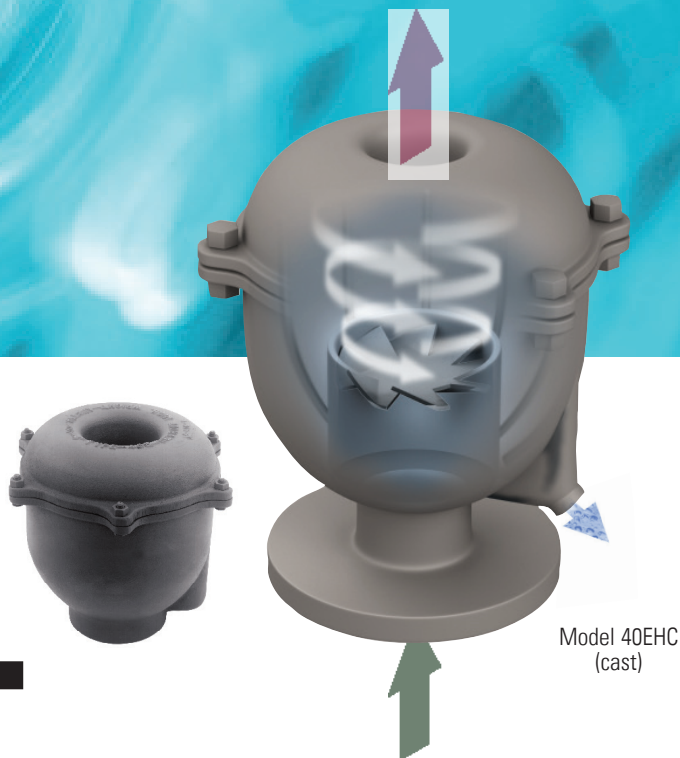


# Type 40 Exhaust Heads

- Threaded or flanged connections
- Cast iron, carbon, or stainless steel construction

## Features

- Choice of cast or fabricated construction
- Removes 99% of liquid and solid entrainment particles larger than 10 microns
- No required maintenance
- Highly efficient
- Virtually no back pressure



Eaton Type 40 Exhaust Heads are designed to separate entrained water and oil from exhaust air, gas, or steam prior to being discharged directly into the atmosphere. They remove more than 99% of liquids and solids over 10 microns in size from the discharged flow, reducing maintenance costs on roofs and surrounding objects.

Size 4" models can be ordered with flanges or threads. The flange bolt holes are drilled to straddle the center line of the drain outlet. Flanges are cast integral with the body and have slotted holes, which are recessed to prevent the bolt heads from turning.

### Model 40EHMF fabricated carbon or stainless steel construction

The Eaton Model 40EHMF Exhaust Head is welded at all joints to withstand heavy duty usage. These exhaust heads work at high temperatures and remain efficient even when steam or gas is discharged at high velocities. The Model 40EHMF has been designed to minimize the noise associated with high discharge velocities.

The units permit free flow of steam, gas or vapors with an absolute minimum of back pressure. They feature a separating element of 304/304L stainless steel, and the entire exhaust head can be ordered in 304/304L or 316/316L stainless steel if required.

### Operation

Moisture-laden gas, air, or steam enters at the inlet of the exhaust head where it is directed into a centrifugal upward motion. The entrained solids and moisture droplets are separated out by a reduction in velocity and fall into a drain reservoir.

### Model 40EHC rugged cast iron construction

The Eaton Model 40EHC Exhaust Head is designed for long service life. Its body, cover and separating elements are made of high tensile strength cast iron. Sizes 3" and smaller have threaded NPT connections. 5" and larger have 125 lb. flanged connections.



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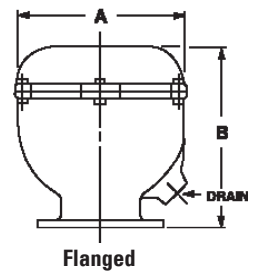
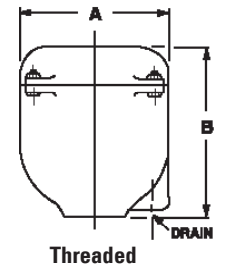
# Type 40 Exhaust Heads

## Model 40EHC Exhaust Heads - Cast Iron

### Dimensions\* (mm)

	Pipe size (in)	Diameter A	Height B	Drain connection NPT (in)	Flange O.D.	Weight (kg)	Capacity (lb) Exhaust steam/h at atmospheric pressure (1 bar)	Capacity (SCFM) Exhaust air at atmospheric pressure (1 bar)
<b>Threaded Inlet</b>	1	191	229	1/2	–	12	160	45
	1-1/2	191	232	1/2	–	12	370	100
	2	191	225	3/4	–	12	1,000	280
	3	222	286	3/4	–	18	2,100	500
	4	254	302	1	–	23	2,700	700
<b>Flanged Inlet</b>	3	222	375	3/4	190.5	18.2	2,100	500
	4	254	381	1	229	31	2,700	700
	5	330	356	1-1/2	254	41	4,000	1,100
	6	375	476	1-1/2	279	52	6,000	1,700
	8	457	508	2	343	86	10,500	2,900
10	584	610	2	406	152	16,000	4,500	

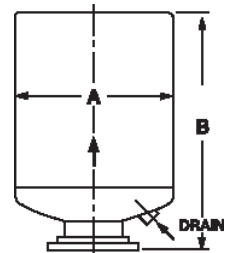
\* Please contact your responsible Eaton area sales manager for exact dimensions



## Model 40EHMF Exhaust Heads - Fabricated Carbon or Stainless Steel

### Dimensions (mm)

Pipe size (in)	Diameter of outlet	A	B	Drain Size (in)	Type	Weight (kg)	Capacity (lb) Exhaust steam/h at atmospheric pressure (1 bar)	Capacity (SCFM) Exhaust air at atmospheric pressure (1 bar)
2-1/2	63	219	406	1	Threaded	25	1,000	280
3	76	273	483	1-1/2	Threaded	30	1,600	410
4	102	356	610	1-1/2	Threaded	45	2,700	700
5	127	406	660	1-1/2	Threaded	59	4,000	1,100
6	152	457	762	1-1/2	Threaded	64	6,000	1,700
8	203	508	914	2	Threaded	109	10,500	2,900
10	254	610	1,067	2	Threaded	177	16,000	4,500
12	305	762	1,219	2-1/2	Threaded	250	24,000	6,500
14	356	914	1,372	2-1/2	Threaded	341	34,000	8,800
16	406	1,016	1,524	3	Threaded	386	44,000	11,500
18	457	1,067	1,676	3	Threaded	534	52,000	14,500
20	508	1,219	1,829	3	Threaded	682	66,000	17,000
24	610	1,372	2,134	4	Flanged	841	94,000	26,000
30	762	1,829	2,591	4	Flanged	955	145,000	40,000
36	914	1,981	2,845	4	Flanged	2,045	210,000	55,000
42	1,067	2,438	3,302	4	Flanged	2,773	290,000	76,000
48	1,219	2,591	3,760	4	Flanged	3,545	375,000	99,000



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07-2023