

40EHC



40EHMF



EXHAUST HEADS

**for Effective Removal
of Condensate from
Exhaust Air, Gas
or Steam**

Wright-Austin exhaust heads are designed to separate all entrained water and oil from exhaust air, gas or steam prior to being discharged directly into the atmosphere. Available in cast iron or fabricated steel, these rugged exhaust heads effectively remove more than 99% of liquids and solids over 10 microns in size, saving thousands of dollars in maintenance costs on roofs and surrounding objects.

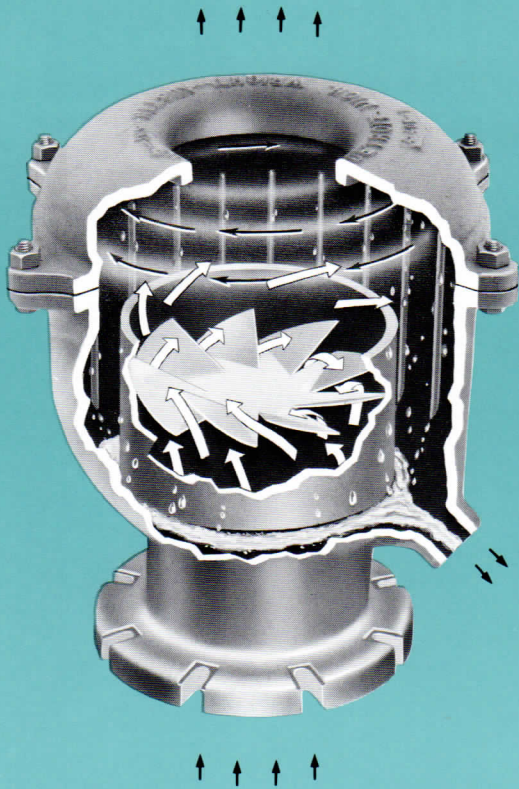
WRIGHT-AUSTIN COMPANY
DETROIT, MICHIGAN 48207

MANUFACTURERS OF:
GAS/LIQUID SEPARATORS
EXHAUST HEADS
TRAPS, STRAINERS & AIR VENTS

REPRESENTED BY:

WRIGHT-AUSTIN TYPE "40EHC" EXHAUST HEAD

Cast Iron



FEATURES

The Wright-Austin "40EHC" exhaust head is designed for long service life . . . with body, cover and separating element made of high tensile cast iron which will not crack or corrode. (Cast aluminum is also available).

This rugged exhaust head incorporates the same basic principles and features used so successfully in Wright-Austin separators. It provides maximum separation of objectionable entrained liquids and solids from exhaust steam, gases and vapors.

Our unique "Vortex Containment Plate" assures positive shear action at liquid-vapor interface. Highly efficient and virtually without back pressure, the "40EHC" requires no maintenance.

SPECIFICATIONS

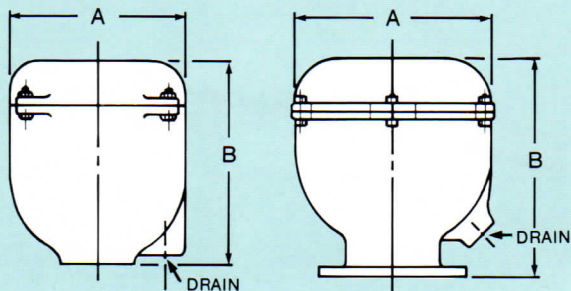
Sizes 4" and smaller have threaded (NPT) connections. Sizes 4" and larger are flanged and drilled, 125 lb. ANSI standard. Bolt holes of flanges are drilled to straddle center line of drain outlet. Flanges are cast integral with body and have slotted holes which are recessed to prevent bolt head from turning (except for 4" size which is offered both threaded and flanged).

GUARANTEE

99% removal of all liquid and solid entrainment where the particle size exceeds ten microns.

THREADED

FLANGED



DIMENSIONS (IN INCHES) AND WEIGHTS

Pipe Size	Diameter A	Height B	Drain Connection	Flange O.D.	Weight (Pounds)	Capacity # exhaust steam/hr. at atmospheric pressure (14.7 PSIA)	Capacity exhaust air (SCFM) at atmospheric pressure (14.7 PSIA)
THREADED INLET							
1"	5¼	6⅞	½	NPT	11	160 (LBS.)	45 SCFM
1½"	5¼	6⅞	½	"	11	370	100
2 or 2½"	7½	8⅞	¾	"	25	1,000	280
3	8¾	11¼	¾	"	40	2,100	500
4	10	11⅞	1	"	50	2,700	700
FLANGED INLET							
4	10	15	1	9	68	2,700	700
5	13	14	1½	10	90	4,000	1,100
6	14¾	18¾	1½	11	115	6,000	1,700
8	18	20	2	13½	190	10,500	2,900
10	23	24	2	16	335	16,000	4,500

WRIGHT-AUSTIN TYPE "40EHMF" EXHAUST HEAD MUFFLER

**Fabricated Carbon Steel
or Stainless Steel**

FEATURES

The Wright-Austin "40EHMF" exhaust head muffler is fabricated out of carbon steel and is electrically welded at all joints to withstand heavy duty usage. This model utilizes the production-proven centrifugal separating principle found in Wright-Austin 30L Series in-line separators. It withstands high temperatures and remains efficient even when steam or gas is discharged at high velocities. This unit has been designed to minimize high velocity discharge noise.

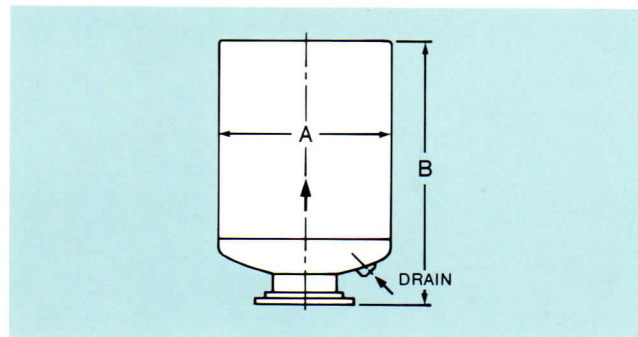
The "40EHMF" is designed for free flow of steam, gas or vapors with an absolute minimum of back pressure. Its separating element is 304L stainless steel, and the entire exhaust head is also available in 304L or 316L stainless steel if required.

SPECIFICATIONS

All sizes up to and including 24" have 150# ANSI slip-on raised face inlet flange. 26" and larger sizes have 125# ANSI slip-on flat face inlet flange that will match to 150# drilling. On stainless steel exhaust head mufflers, flanges 8" and larger are carbon steel with stainless steel raised face. Other flanges are optional.

GUARANTEE

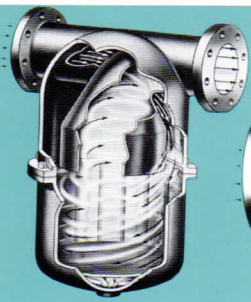
99% removal of all liquid and solid entrainment where the particle size exceeds ten microns.



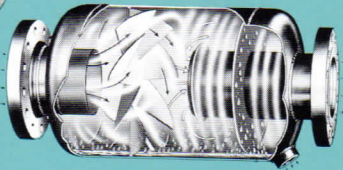
DIMENSIONS (IN INCHES) AND WEIGHTS

Pipe Size	Diameter of Outlet	A	B	Drain Size	Weight Lbs.	Capacity # exhaust steam/hr. at atmospheric pressure (14.7 PSIA)	Capacity exhaust air (SCFM) at atmospheric pressure (14.7 PSIA)
2½	2½	8¾	16	1 NPT	55	1,000 (LBS)	280 SCFM
3	3	10¾	19	1½ "	65	1,600	410
4	4	14	24	1½ "	100	2,700	700
5	5	16	26	1½ "	130	4,000	1,100
6	6	18	30	1½ "	140	6,000	1,700
8	8	20	36	2 "	240	10,500	2,900
10	10	24	42	2 "	390	16,000	4,500
12	12	30	48	2½ "	550	24,000	6,500
14	14	36	54	2½ "	700	34,000	8,800
16	16	40	60	3 "	850	44,000	11,500
18	18	42	66	3 "	1175	52,000	14,500
20	20	48	72	3 "	1500	66,000	17,000
24	24	54	84	4 Flanged	1850	94,000	26,000
30	30	72	102	4 "	2100	145,000	40,000
36	36	78	112	4 "	4500	210,000	55,000
42	42	96	130	4 "	6100	290,000	76,000
48	48	102	148	4 "	7800	375,000	99,000

WRIGHT-AUSTIN Offers a Full Line of Reliable Steam/Condensate Separators and Draining Equipment.



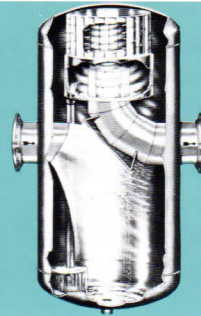
Type "T" In-Line Separators
(Refer to Bulletin TB541)



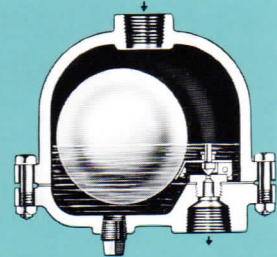
Type "30L" Series Separators
(Refer to Bulletin TB520)



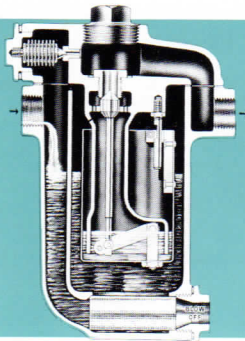
Type "30L-ST" Vertical Downflow Separator/Trap
(Refer to Bulletin TB532)



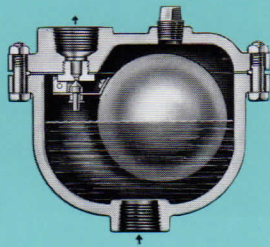
Type "10R" Series Separators
(Refer to Bulletin TB549)



No. 90AC Float Trap
(Refer to Bulletin TB571)



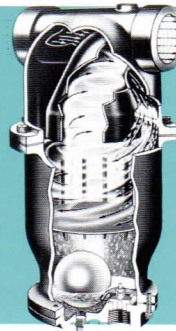
No. 500C Series Bucket Trap
(Refer to Bulletin TB560)



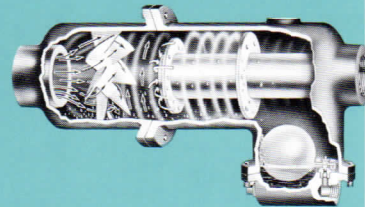
No. 90 & 95 Air Vent Traps
(Refer to Bulletin TB561)



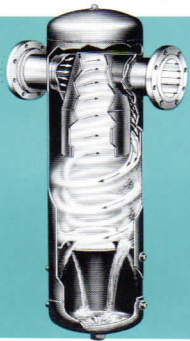
Liquid Level Gages
(Refer to Bulletin TB559)



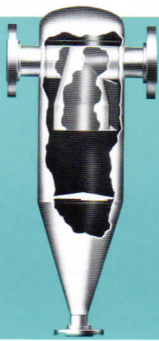
Type "ST" Separator/Trap
(Refer to Bulletin TB534)



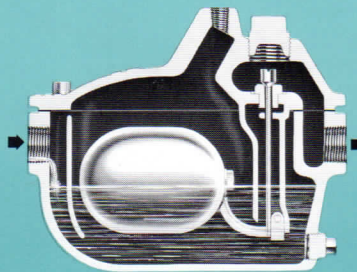
Type "31L-ST" Low Profile Separator/Trap
(Refer to Bulletin TB531)



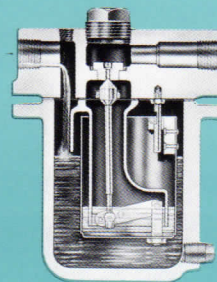
Type "TS" Separators
(Refer to Bulletin TB536)



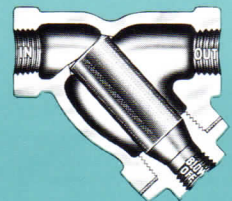
"DTL" Dry Type Separators
(Refer to Bulletin TB537)



No. 230AC Float Trap
(Refer to Bulletin TB569)



No. 70AC & 100AC Series Bucket Traps
(Refer to Bulletin TB568)



"Y" Type Strainers
(Refer to Bulletin TB562)



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