

# 11 EXHAUST HEAD

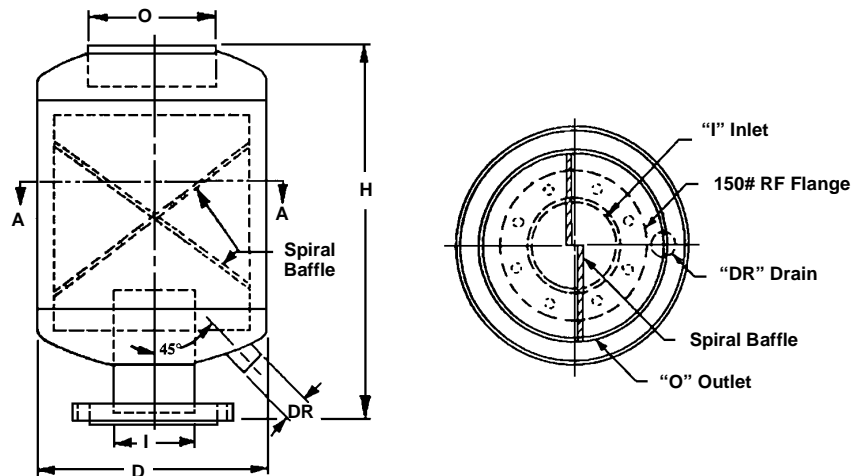
**Clean and Quiet Release of Steam, Air, & other Gases Vented to Atmosphere.**

Entrained water, oil and dirt in exhaust steam, air or gas vented to atmosphere can cause damage, unsightly icing and dirt accumulation on roofs, buildings and surroundings. A Penn Cyclone Exhaust Head placed on the end of the vent line creates a cyclone spinning action that separates entrainment and directs it to a drain. The large diameter outlet and internal baffles help minimize exhaust noise while protecting the line from the entry of rain and snow.

**CYCLONIC ACTION** - Spins out entrained water, oil and dirt.

**REDUCES NOISE** - Large exhaust opening minimizes noise.

**PROTECTS LINES** - "Spiral Baffle" covers and protects vent line.



**Exhaust Head Sizing and Dimensions:**

To size an Exhaust Head use your vent line size to determine the inlet "I" size. Check the RATED CAPACITY to the actual maximum flow rate. Select a larger size for higher capacities as required.

**DIMENSIONS                      RATED CAPACITY**

MODEL NO.	"I" INLET	"O" OUTLET	"DR" DRAIN	"D" DIAMETER	"H" HEIGHT	STEAM #/hr	AIR Scfm	WT. FLNG.
EX 10-2	2"	6"	3/4"	10"	21"	645	280	85#
EX 10-2 1/2"	2 1/2"	6"	3/4"	10"	21"	920	400	90#
EX 10-3	3"	6"	3/4"	10"	21"	1,420	615	95#
EX 10-4	4"	6"	1"	10"	21"	2,450	1,060	105#
EX 14-5	5"	8"	1 1/2"	14"	21"	3,845	1,665	140#
EX 14-6	6"	8"	1 1/2"	14"	21"	5,540	2,400	160#
EX 20-8	8"	10"	2"	20"	26"	9,610	4,165	310#
EX 20-10	10"	12"	2"	20"	26"	15,150	6,565	330#
EX 24-12	12"	14"	3"	24"	30"	21,325	9,240	485#
EX 24-14	14"	16"	3"	24"	30"	26,000	11,270	525#
EX 26-16	16"	18"	3"	26"	38"	34,000	14,725	685#
EX 36-18	18"	20"	3"	36"	54"	45,000	19,500	1,130#
EX 42-20	20"	24"	3"	42"	58"	54,000	23,160	1,800#
EX 42-24	24"	30"	3"	42"	58"	69,000	29,880	1,875#
EX 48-30	30"	36"	4"	48"	65"	120,000	51,600	2,035#
EX 54-36	36"	42"	4"	54"	75"	188,000	81,240	2,710#

**Exhaust Head Suggest Specifications:**

Furnish and install on plans a Cyclone Exhaust Head to provide clean quiet exhaust of steam, air or other gas. Unit to be rated for a maximum flow capacity of \_\_\_\_\_ #/hr. Saturated steam or \_\_\_\_\_ SCFM Air or Gas venting to atmosphere.

Constructed of a welded carbon steel body with helical baffle internals. The inlet to be a \_\_\_\_\_" size with a 150# flanged or beveled connections. A "NPT" threaded drain "sufficiently sized for the entrainment flow" shall be included. A pipe stub outlet open to atmosphere shall also be provided. The exposed interior and the exterior of the unit will be coated with high heat aluminum paint.