

**MODEL EH**  
 The most accepted and respected engine-driven cooler in the gas compression industry.



144 EH

**MODEL EH SPECIFICATIONS**

- Fan diameters from 24" to 168".
- Engine drive and electric motor drive configurations.
- Typical compression HP: 100-2,000.

**MODEL EH ADVANTAGES**

- This compact, unitized cooler combines engine and compressor cooling in a single unit.



*Optional Warm Air Recirculation System*

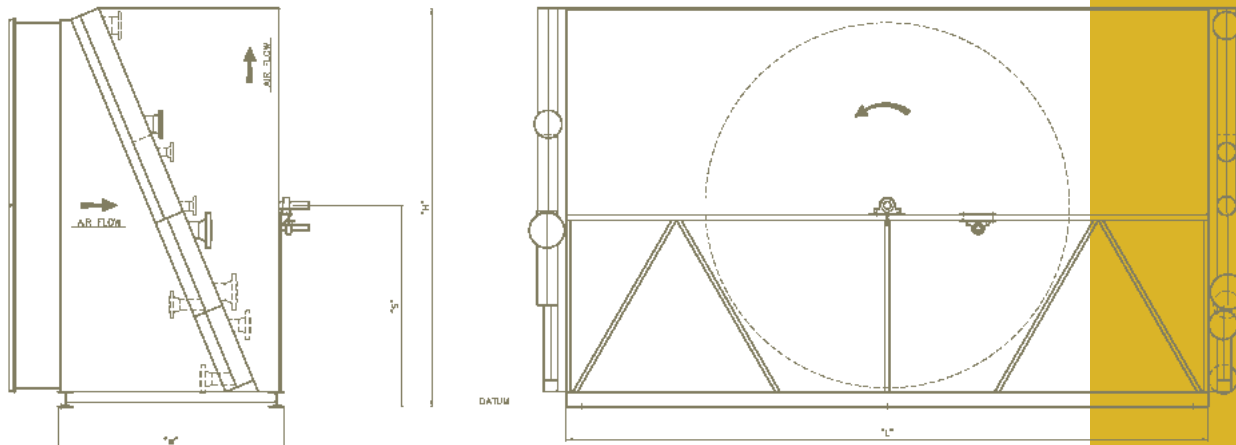


*Main Lower Installation*

- The unique sloped section arrangement provides greater cooling capacity within a given plot area and reduces packaging costs by minimizing the cooler footprint.
- Forced-draft fan moves cool air through the unit, which results in lower fan horsepower requirements and higher efficiency.
- Plenum design, adjustable shutters and/or fixed turning vanes are integral to the design and help guide airflow through the cooler, improving exit air velocity and reducing air recirculation.
- Vertical discharge minimizes the effects of wind variation and location of adjacent equipment.
- Center of gravity located near the unit's physical midpoint, promoting safer transportation and handling.
- Rotating components are located in the cool air stream of the cooler promoting longer life, ease of visual inspection and safer maintenance.



*Optional Bug Screen / Lint Screen*



FAN DIAMETER	L	W	H	S	FAN DIAMETER	L	W	H	S
24	28	33	32	16	84	100-112	69	115	55
32	40	36	41	20	93	124-136	69	115	55
36	52	39	46	23	96	136-160	69-76	115-133	55-66
42	52	44	59	32	108	160-184	73-84	122-147	62
48	64	47	66	36	120	184-208	80-88	136-158	69
54	64	54	84	44	132	208-232	84-93	147-169	74
60	64-88	52-64	80-103	37-55	144	232-280	90-96	158-178	80
72	88	58-64	93-104	46-55	156	256-304	94-100	172-186	87
81	88-100	64-69	104-115	55	168	256-328	108-113	186-197	93

L = Base beam length, W = Base beam width, H = Height, S = Grade to c/A shaft  
 \*Dimensions shown in inches \*\*Dimensions may vary for estimation only.

## HARSCO INDUSTRIAL AIR-X-CHANGERS MODEL EH

### OPTIONAL FEATURES

- Cooler finish per customer specifications, including tint-to-match paint and galvanizing.
- Auxiliary louvers (manual or automated) located upstream of the cooling sections to provide additional protection in cold weather climates.
- Automated louver control, typically using pneumatic actuators.
- Warm air recirculation systems to better control process outlet temperature in cold weather climates.
- Hailguard over air discharge duct to protect cooling sections.
- Low noise emission fans.
- Bug screens / lint screens over air intake to minimize external fouling of cooling sections.