

**MODEL Z**  
A bolt-together horizontal cooler designed for high-horsepower applications.



*132-2Z with Optional Extended Subcolumns*

#### MODEL Z SPECIFICATIONS

- Fan diameters from 48" to 204".
- Electric motor or hydraulic drive configurations.
- Single- and multi-fan.
- Forced or induced draft.
- Typical compression HP: 500-10,000.

#### MODEL Z ADVANTAGES

- Increased intake area for more flexible siting.
- Suitable for installation on subcolumns or skids.
- Unique design fits most typical pipe-rack mounts.
- Bolt-together design allows for optional field assembly.
- Design allows increased fan deck clearance for easier drive maintenance.



*Optional Automated Louvers*

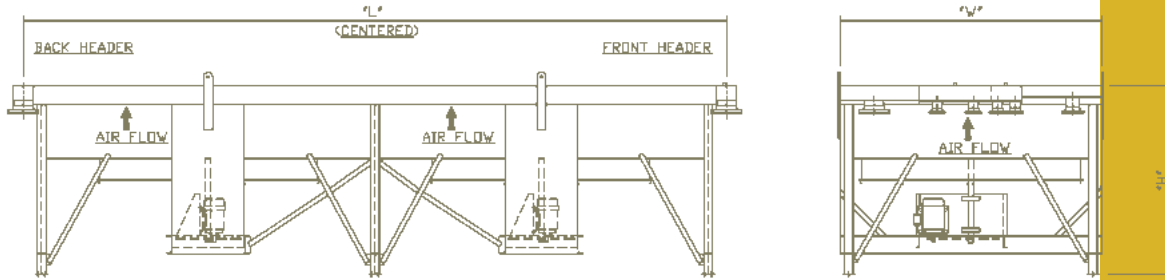


*Optional Over-the-End Warm Air Recirculation System*



*Optional Low Noise Emission Fan*

## MODEL 2Z

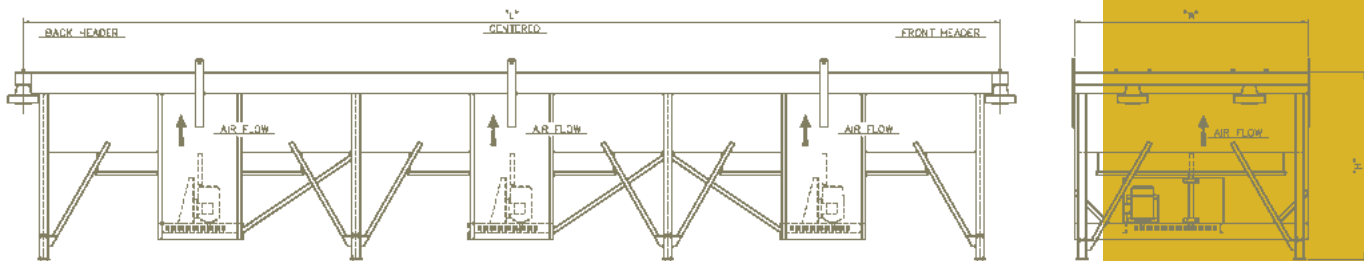


FAN DIAMETER	L	W	H	FAN DIAMETER	L	W	H	FAN DIAMETER	L	W	H
60	160-196	72-96	129	120	364-412	132-156	129	180	580-652	192-216	129
72	184-244	84-108	129	132	388-460	144-168	129	192	628-700	204-228	129
84	219-315	96-132	129	144	436-508	156-180	129	204	676-724	216-240	129
96	268-316	108-132	129	156	484-556	168-192	129				
108	316-364	120-144	129	168	532-604	180-204	129				

L = Length, W = Width, H = Height

\*Dimensions shown in inches \*\*Dimensions may vary for estimation only.

## MODEL 3Z



FAN DIAMETER	L	W	H	FAN DIAMETER	L	W	H	FAN DIAMETER	L	W	H
72	276-364	84-108	129	120	532-628	132-156	129	168	724-724	180-204	129
84	340-436	96-120	129	132	604-700	144-168	129	180	724-724	192-216	129
96	412-484	108-132	129	144	676-724	156-180	129	192	724-724	204-228	129
108	460-556	120-144	129	156	724-724	168-192	129	204	724-724	216-240	129

L = Length, W = Width, H = Height

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## HARSCO INDUSTRIAL AIR-X-CHANGERS MODEL Z

### OPTIONAL FEATURES

- Cooler finish per customer specifications, including tint-to-match paint and galvanizing.
- Multi-speed drives or auto-variable fans can provide superior degree of temperature control.
- Column extensions available to accommodate any headroom clearance.
- Framed drive-mount system, allowing side-access for easier electric motor maintenance and improved structural integrity.
- Louvers (manual or automated) downstream of the cooling sections to control air flow for temperature control.
- Auxiliary louvers (manual or automated) located upstream of the cooling sections to provide additional protection in cold weather climates.
- Warm air recirculation systems available over the end or side of the unit to better control process outlet temperature in cold weather climates.
- Hailguard over cooling section coils, independent or integral with shutters, to protect cooling sections.
- Low noise emission fans.
- Bug screens / lint screens over air intake to minimize external fouling of cooling sections.