



The Next Generation of Cool

# INDUSTRIAL COOLER SERIES

High-performance Standard Coolers built for industrial equipment

IEAcooling.com  
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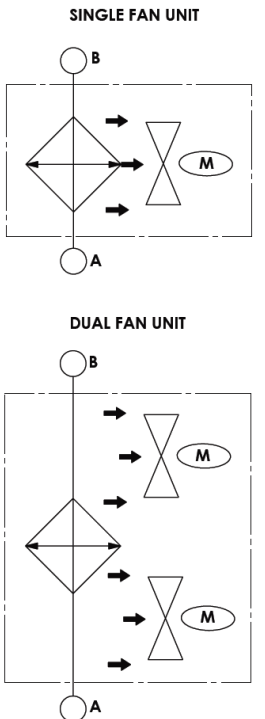
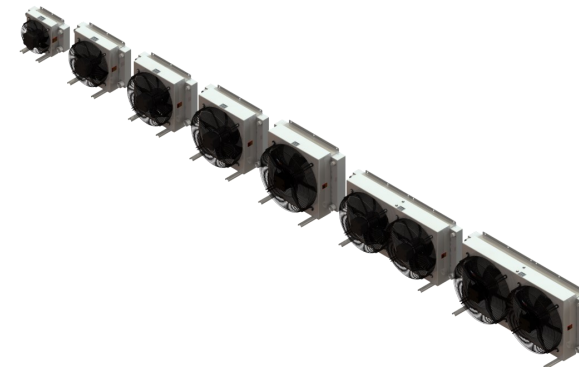


# THE NEXT GENERATION OF COOL

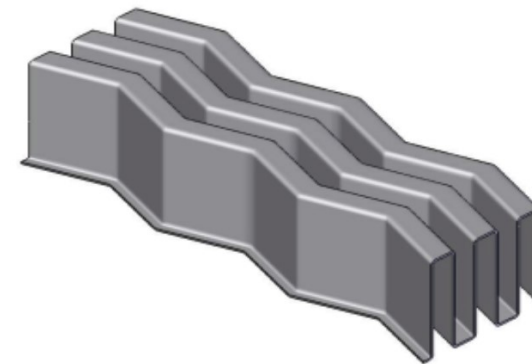


## COOLING THAT GETS THE JOB DONE

For process equipment, you need a cooler that can keep pace with your operation. Ready to handle the heat, the new industrial oil cooler series is designed to keep pace with pressure and airflow cooling needs. And like all IEA heat exchangers, they come in a variety of sizes that can be customized to fit your needs.



## SERIES HIGHLIGHTS

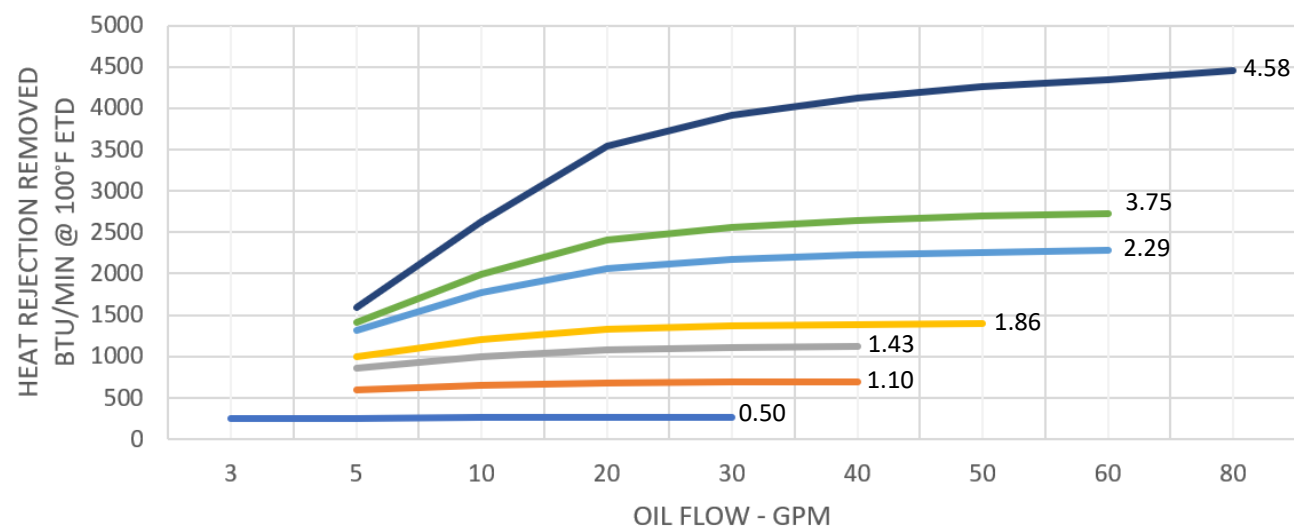


High-performance, low-fouling air fin

- Designed for hydraulic oil or auxiliary cooling
- Rated flows up to 80 GPM
- Pressure rating up to 300 PSI
- Non-louvered low-fouling air fin
- All SAE ORB ports
- Aluminum bar and plate construction
- Suction or blower fan available
- Great as stand alone fuel cooler



INDUSTRIAL OIL COOLER SERIES PERFORMANCE DATA



STEP 1:

$$HP \times 42.41 = \text{BTU/MIN}$$

STEP 2:

- The entering oil temperature is generally the maximum desired system oil temperature. (~ 180-200°F)
- The entering air temperature is the highest anticipated ambient air temp, plus any pre-heating of the air prior to entering the cooler: Very important if air is drawn from engine compartment, etc.

STEP 3:

**BTU/MIN Heat Load X (100/Desired ETD) = BTU/MIN for use with chart above**

STEP 4:

Select the model size that is on or above this point to meet these conditions.



And with our in-house manufacturing and assembly, even custom coolers are ready when you need them.

## SPECIFICATIONS

Model	Fan	Motor	Approx Noise	Number	Current A		
Size, Sq. Ft.	Diameter (mm)	Voltage (AC)	level dB(A) @1 m	of Fans	115 1ø	230 1ø	230 3ø
0.50	200	115 or 230	64	1	0.58	0.35	0.80
1.10	300	115 or 230	60	1	1.32	0.70	0.45
1.43	350	115 or 230	61	1	2.20	1.20	0.82
1.86	400	115 or 230	64	1	2.90	1.65	1.30
2.29	450	115 or 230	72	1	2.40	3.30	1.80
3.75	400	115 or 230	64	2	2.90	1.65	1.30
4.58	450	115 or 230	72	2	2.40	3.30	1.80

## CUSTOM ORDERING

## 1. MODEL SERIES

## 2. MODEL SIZE

☐ OCHV

Tell us what size you need:  sq. ft.

### 3. AC FAN

Select from:

Suction  
(Standard)

Blower  
(Custom)

115VAC:

□ - 1151S

□ - 1151B

230VAC:

□ - 2301S

□ - 2301B

230VAC 3ø:

□ - 2303S

□ - 2303B

#### 4. TEMP SWITCH

Select from:

☐ Blank — No Switch

□ TS120 — 120° F

□ TS140 — 140° F

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