



OIL/AIR COOLER

Air Heat Exchanger
Air Heat Exchanger for Mobile

www.klughydraulics.com

OIL/AIR COOLER

AH SERIES OIL/AIR COOLER

APPLICATION

Suitable for: Variable pump discharge line, hydraulic system return pipe road, independent cooling loop, the cooling lubrication system.

Applied in: Machine tools, special-purpose machinery, engineering machinery, port machinery, hydraulic power station, the lubrication system.

PRODUCT FEATURES

Dynamic pressure rated 35 bar, using the high performance of axial flow fan is compact and efficient heat sink, in order to get the best cooling effect.

Based on the system heating situations, can choose single or double fan cooling fan.

To enter the standard for the oil outlet: PT (RC) thread, other threaded also can be customized.

The fan voltage: AC22V, AC380V, DC12V, PC24V.

TECHNICAL PARAMETERS FMA AC SERIES

MODEL	FLOW (L/min)	WORK PRESSURE (Bar)	COOLING CAPACITY (Kcal/h)	POWER CONSUMPTION		RATED SPEED (rpm)	NOISE (dB)	MAX. TEMPERATURE (°C)	MAX. VISCOSITY (mm ² /S)	WEIGHT (kg)
				EXCHANGE WIND TEMPLE (AC220V)	EXCHANGE WIND TEMPLE (AC380V)					
AH0607T	60	35	800	38	45	2700	50	130	2000	4
AH0608T	60	35	1200	38	45	2700	50	130	2000	4.5
AH0608TL	60	35	2600	38*2	45*2	2700	50	130	2000	6.7
AH1012T	100	35	4700	100	80	2500	60	130	2000	11
AH1417T	150	35	12100	140	140	1420	60	130	2000	22.2
AH1470T	200	35	15400	140	140	1420	60	130	2000	22.6
AH1490T	250	35	20000	140	140	1420	60	130	2000	25.6
AH1680T	300	35	26000	340	370	1400	70	130	2000	55

1KW=860Kcal

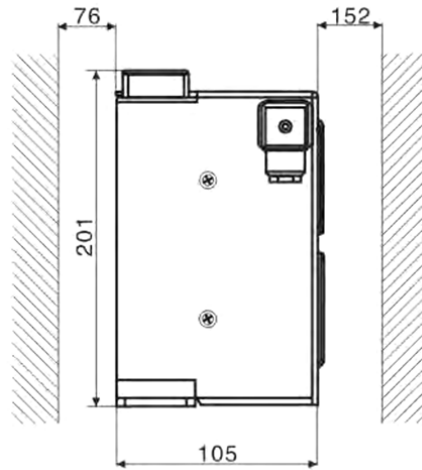
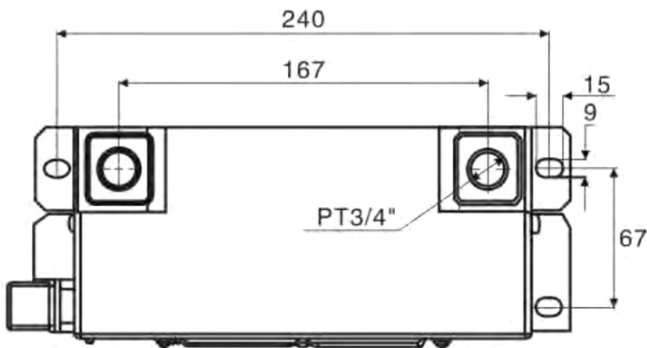
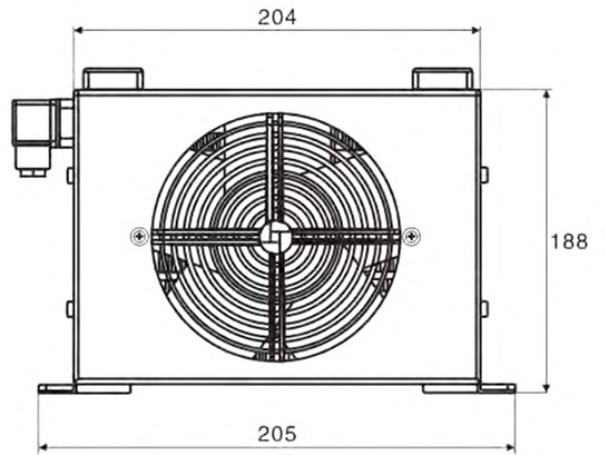
Cooling capacity, cooling power when $\Delta T = 40^{\circ}\text{C}$.

Different voltage has different consumption power, it is only with AC220V, AC380, for example.

Axial flow fan type: standard for suction type.

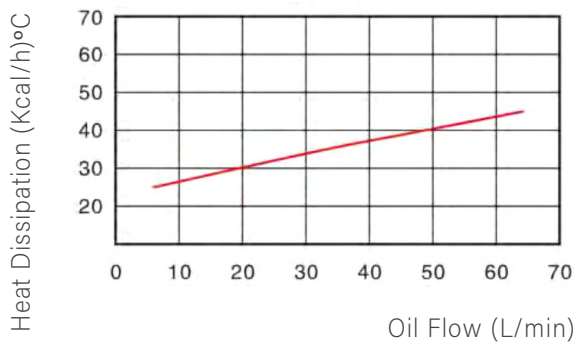
Noise of numerical value for the distance 1 m place, make reference only, because of its surrounding environment, the influence of factors such as viscosity and reflection.

AH0607T

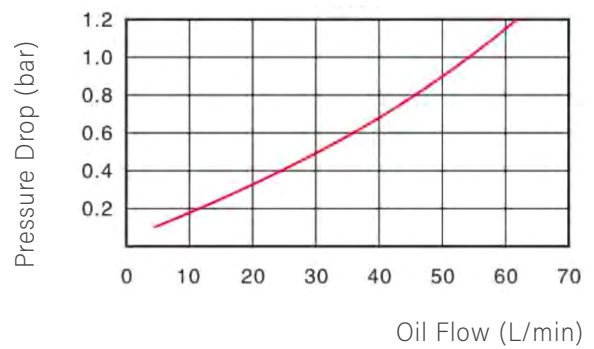


PERFORMANCE CURVES

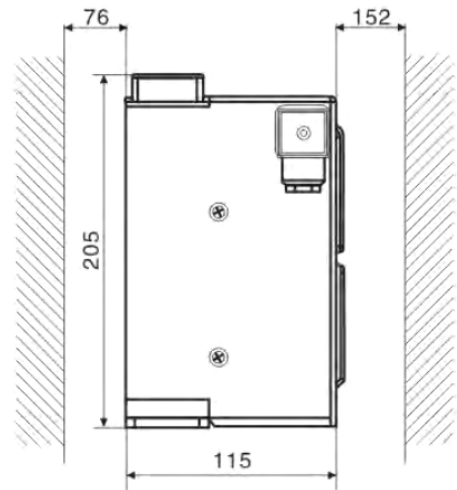
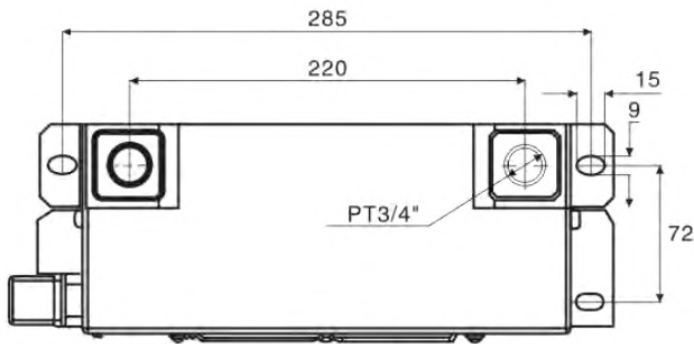
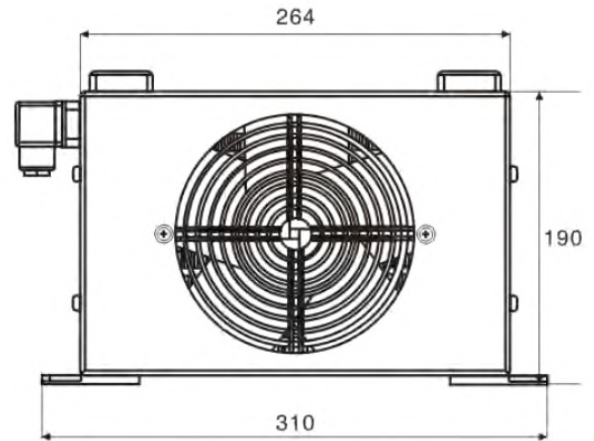
COOLING CAPACITY



PRESSURE DIFFERENTIAL ΔP

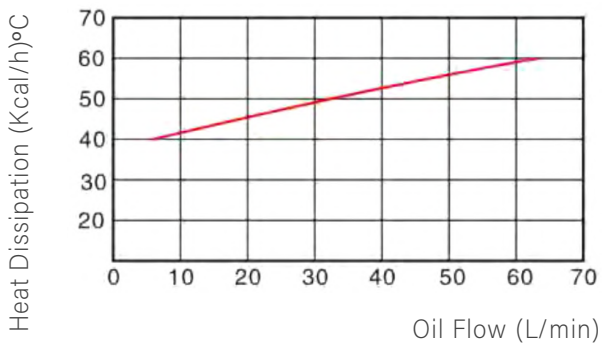


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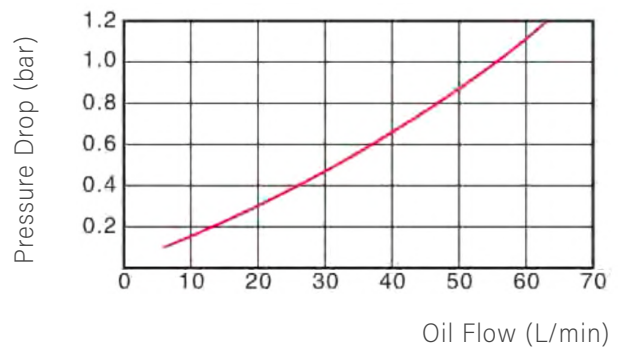


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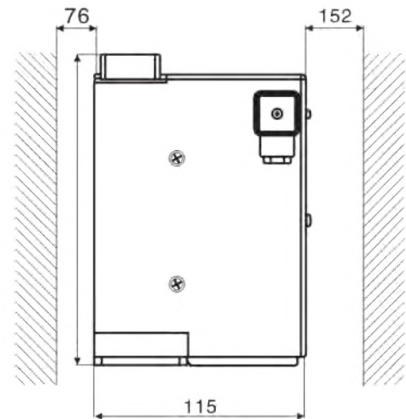
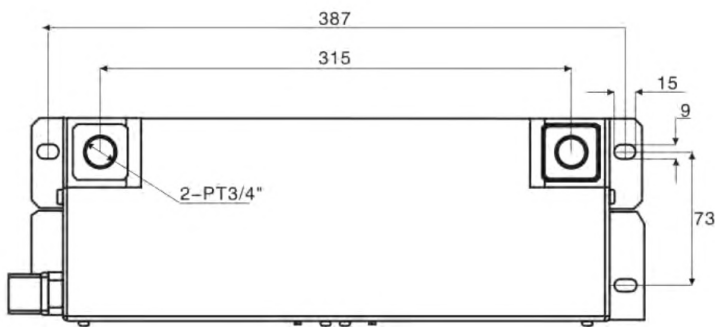
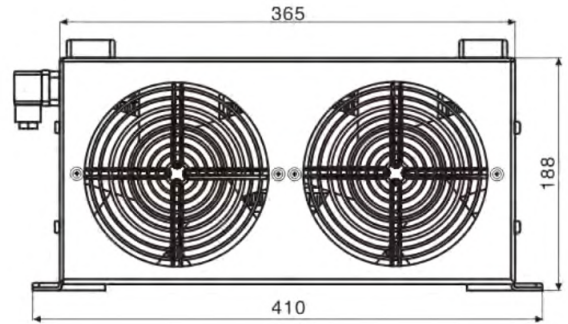
COOLING CAPACITY



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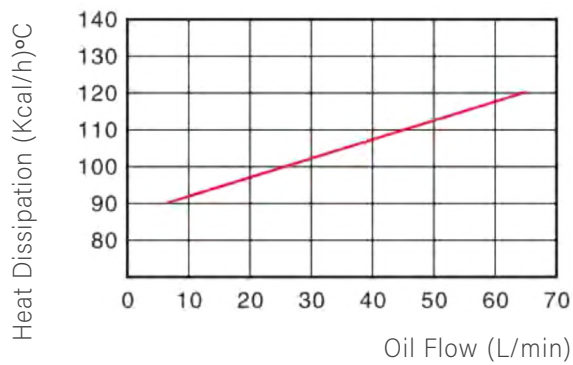


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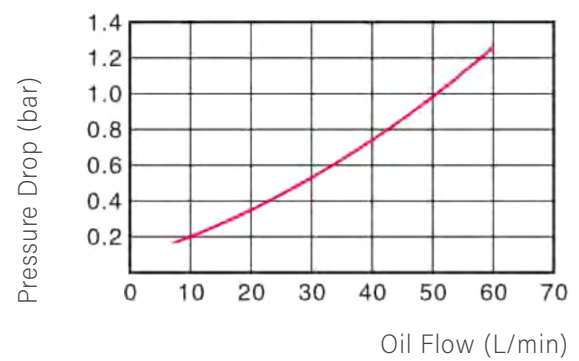


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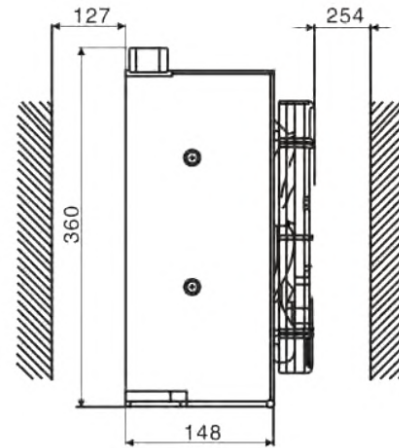
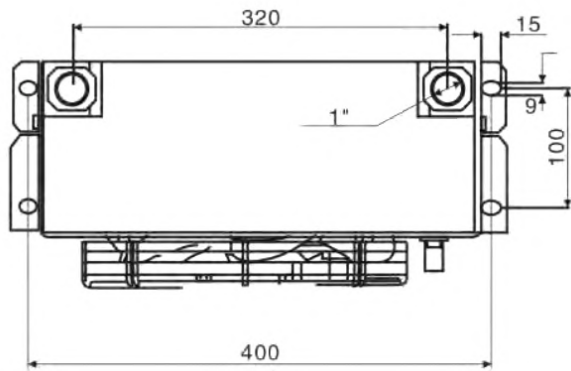
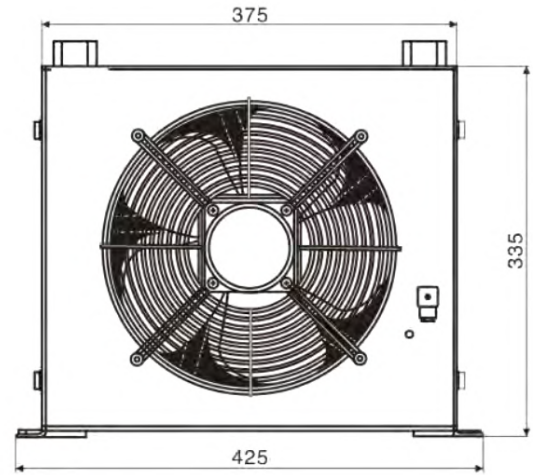
COOLING CAPACITY



PRESSURE DIFFERENTIAL ΔP

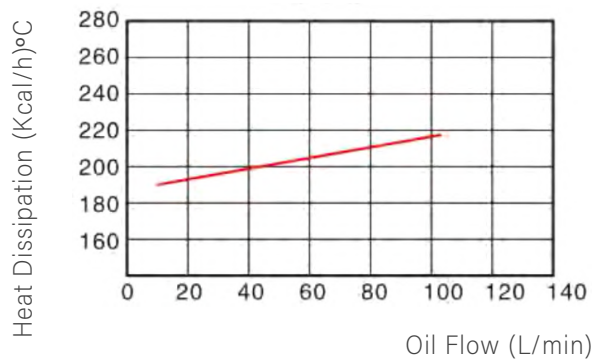


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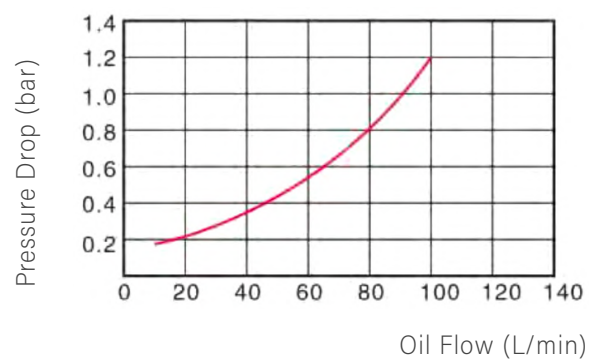


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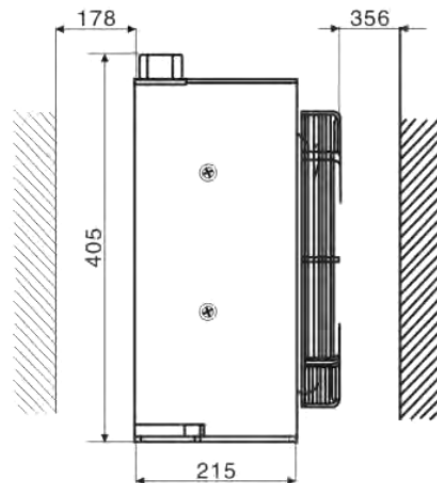
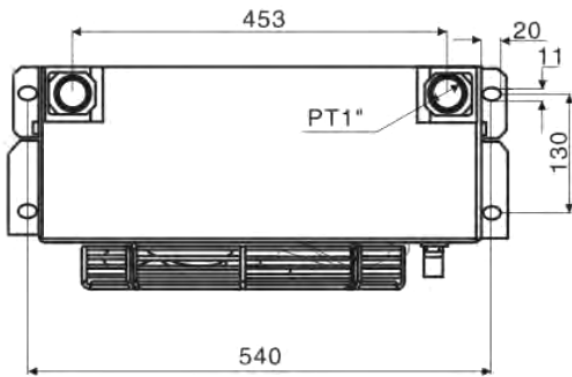
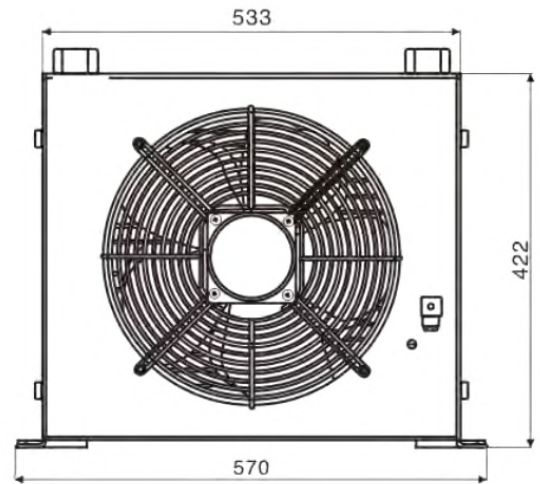
COOLING CAPACITY



PRESSURE DIFFERENTIAL ΔP

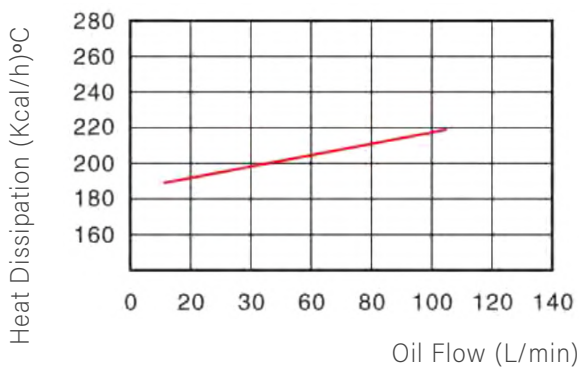


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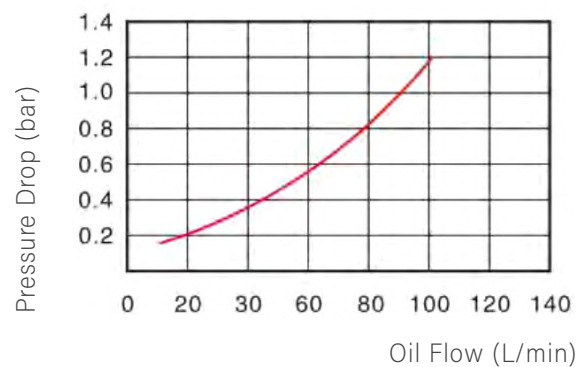


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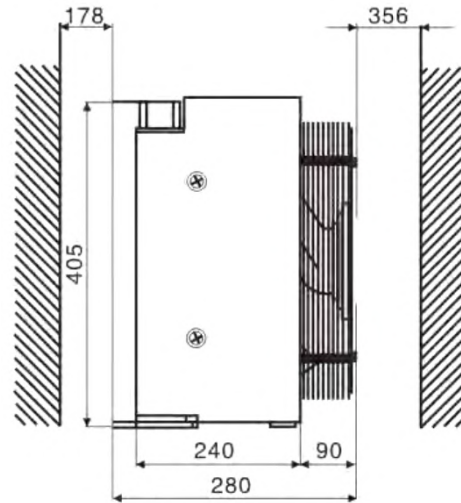
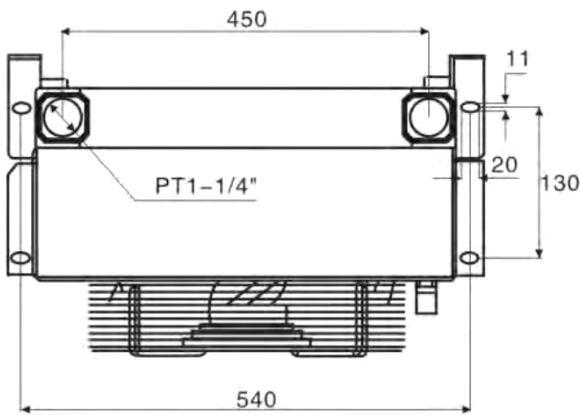
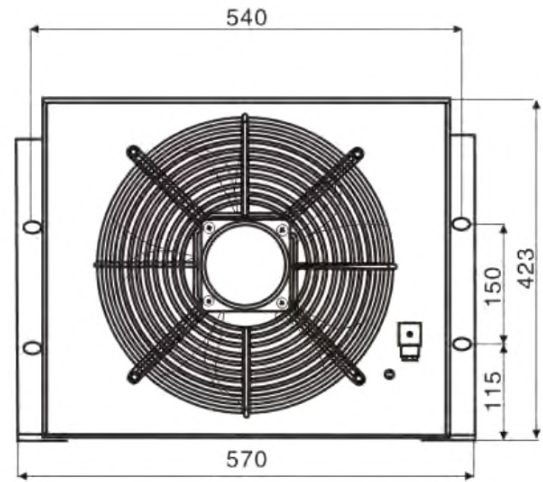
COOLING CAPACITY



PRESSURE DIFFERENTIAL ΔP

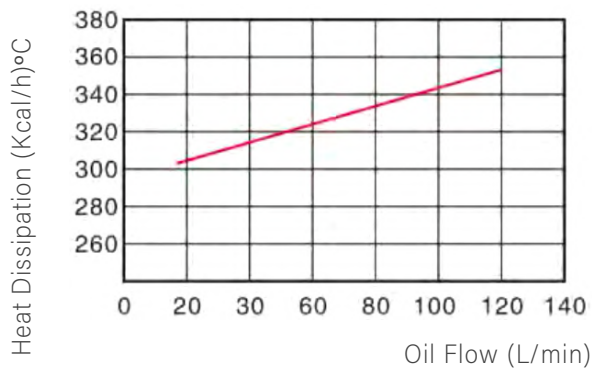


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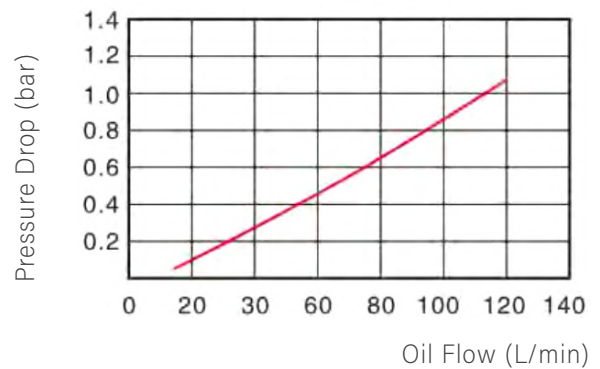


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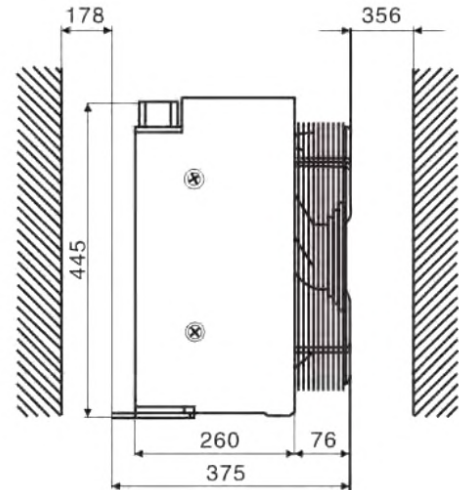
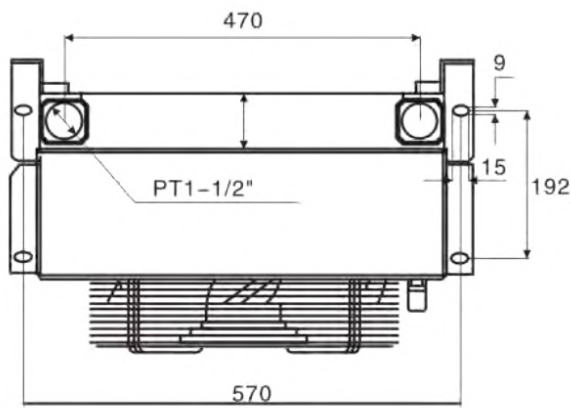
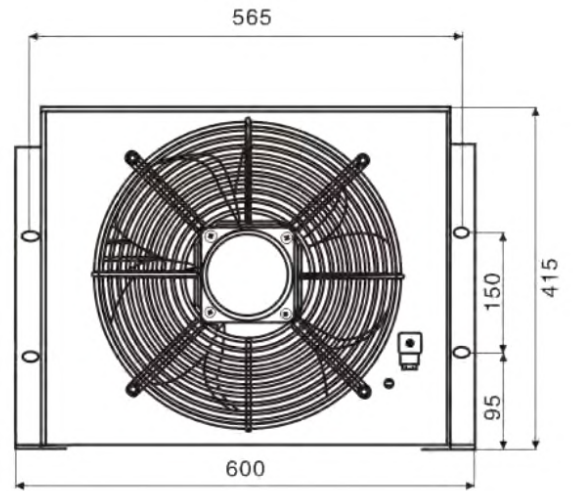
COOLING CAPACITY



PRESSURE DIFFERENTIAL ΔP

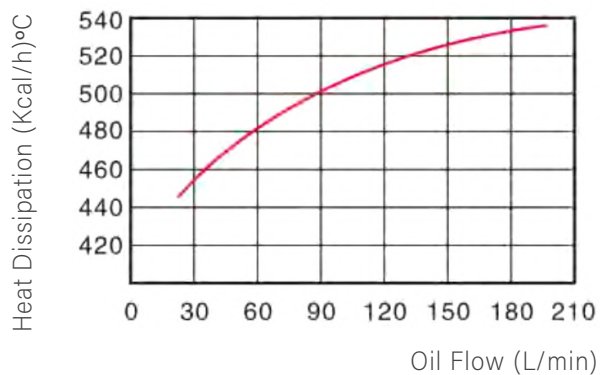


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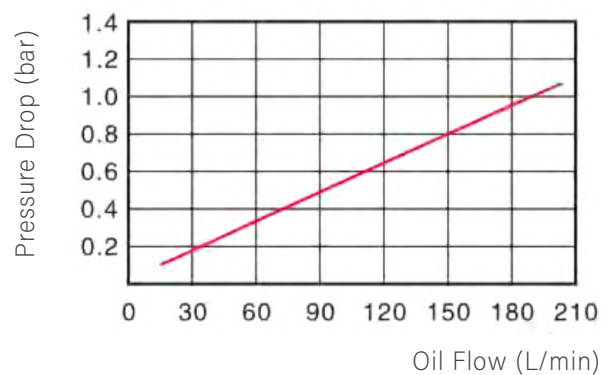


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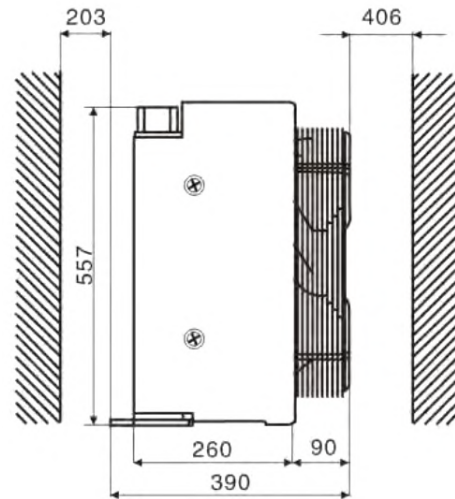
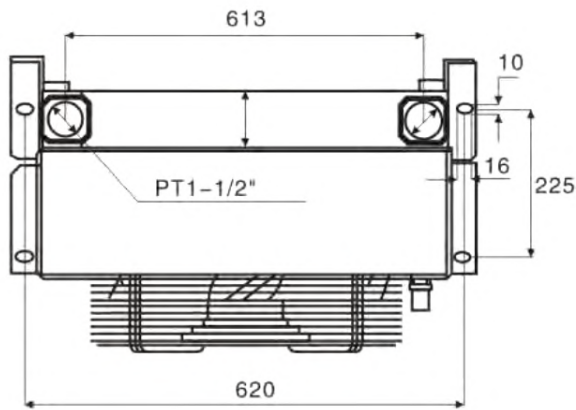
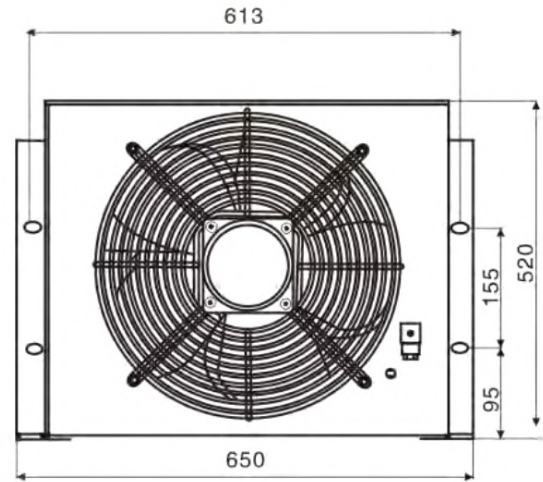
COOLING CAPACITY



PRESSURE DIFFERENTIAL ΔP

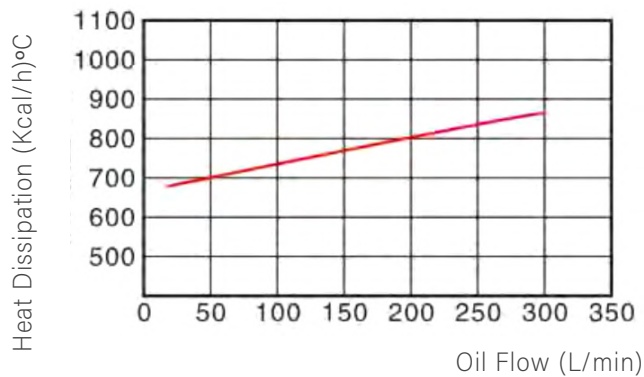


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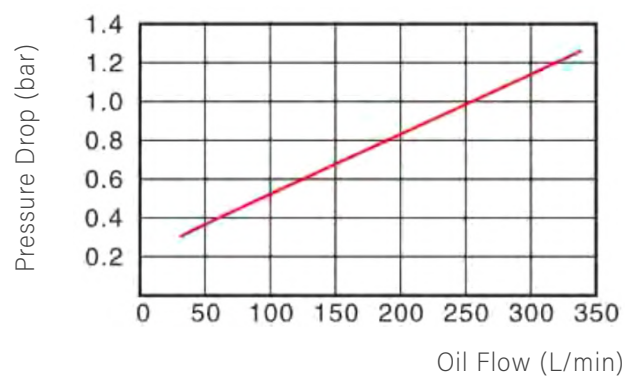


PERFORMANCE CURVES

COOLING CAPACITY



PRESSURE DIFFERENTIAL ΔP



AH SERIES OIL/AIR COOLER

SAFE USE ITEMS

1. The assembly should be installed when the strong wind cooler, the installation location should avoid vibration and shock. Must be comfortable ventilation, loading and unloading must use wrench champing radiator in and out of the oil outlet to avoid radiator distortion.
2. In the use of wind cooler, necessary add pressure limiting by pass, to avoid excessive pressure drop. From starting to prevent pulse pressure is too high, cause the blowout.
3. Pipe diameter, please cooperate with the threaded, cannot change narrow, as far as possible using direct head, tubing bending or use high pressure hose, in order to reduce oil discharge resistance, it is best to use when choosing oil hydraulic oil, oil return quickly, try to avoid blowout of the cooler.
4. The radiator should be cleaned once a week, wash some dust sundry, make the oil more smoothly and cooler effect is better.

