

Oil Cooler

- EOC series

Application

- Spindle
- Ballscrew
- Hydraulic System
- Coolant
- CNC Machining Center
- CNC High Speed Lathe
- CNC Milling Machine
- CNC Woodworking Machine
- CNC Surface Grinder

Features

- Keep Spindle system at optimize temperature for helping the accuracy of workpiece
- Cool down the oil of machine tools, prevent oil from oxidation and vibration, keep better viscosity and stabilize oil pressure
- Extend working life of machines

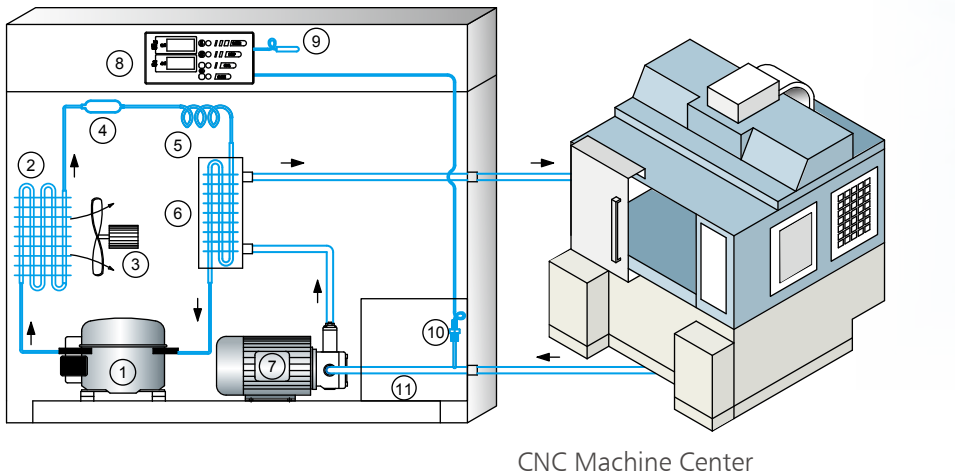


Technical Data

Item \ Model		EOC-40	EOC-60	EOC-80
Cooling Capacity (50/60 Hz)	KCAL/hr	833/1000	1250/1500	1667/2000
	W/hr	969/1163	1454/1745	1939/2326
	BTU/hr	3333/4000	5000/6000	6667/8000
Voltage	V/Ph/Hz			
Temp. Control	1.			
	2.			
Working Range	Ambient Temp.			
	Oil Temp.			
Pump Horse Power	HP	1/4	1/2	1/2
On-load Current	A	6.0	6.2	7.0
Pump Flow Rate	50 Hz L/min	6.7	17	17
	60 Hz L/min	8	20	20
Fluid Tank Volume	L	10	25	30
Fluid Connections	IN	1/2" PT	3/4" PT	3/4" PT
	OUT	1/2" PT	3/4" PT	3/4" PT
Refrigerant		R-134a	R-134a	R-407C
Overall Dimensions (DxWxH)	mm (w/o Tank)	440x360x592	440x363x652	520x430x827
Overall Dimensions (DxWxH)	mm (w/Tank)	440x350x727	443x366x967	520x430x1120
Weight	Kg. (w/Tank)	60	100	110
Noise Level	db(A)	70 ↓	70 ↓	70 ↓

Standard: EOCA- PTSA 1

The basic circulation diagram of EOC series



CNC Machine Center

1. Compressor
2. Condenser
3. Fan
4. Dryer
5. Expansion Valve
6. Evaporator
7. Pump Motor
8. Control Panel
9. Room Temperature Sensor
10. Coolant Temperature Sensor
11. Tank

EOC-120	EOC-180	EOC-240	EOC-360	EOC-600	EOC-900	EOC-1200
2500/3000	3750/4500	5000/6000	7500/9000	12500/15000	18750/22500	25000/30000
2908/3489	4362/5234	5815/6978	8723/10467	14538/17445	21806/26168	29075/34890
10000/12000	15000/18000	20000/24000	30000/36000	50000/60000	75000/90000	100000/120000
3Ø AC 220V 50/60Hz (3Ø AC 380V 50/60Hz - option)						
Fixed Temp. Control : Set Value Range 25°C~40°C						
Tracking Ambient Temp./Machine Body Temp. : Set Value Range -10°C~+10°C?						
10°C ~ 38°C						
15°C ~ 45°C						
1/2	1	1	1	2	3	3
10.0	15.0	21.0	25.0	31.0	35.0	40.0
17	25	25	33	58	58	125
20	30	30	40	70	70	150
30	30	30	65	85	100	120
3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT	1 1/2" PT	1 1/2" PT
3/4" PT	3/4" PT	3/4" PT	1" PT	1" PT	1 1/2" PT	1 1/2" PT
R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C
520x430x827	570x600x1034	570x600x1034	600x920x1297	700x1100x1252	820x1400x1455	820x1360x1540
520x430x1120	570x600x1034	570x600x1034	600x920x1297	700x1100x1252	820x1400x1455	820x1360x1540
110	145	130	205	395	530	550
70 ↓	70 ↓	70 ↓	76 ↓	76 ↓	76 ↓	76 ↓