

Spray cooling system

MH-20D-A

Low cost spray cooling system



[MH-20D-A]

Model

Model	Part Number	Oil level switch
MH-20D-A	222138	Without
MH-20D-A-L	222195	With

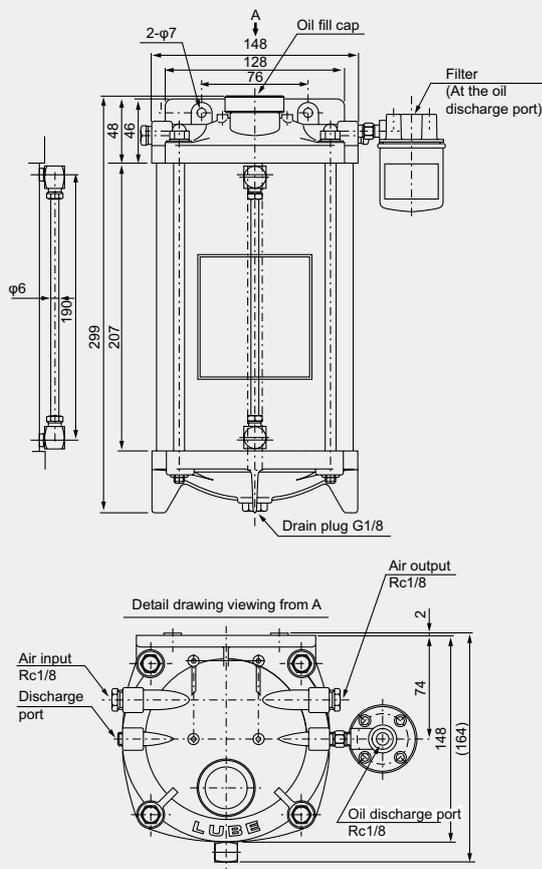
Directions for use

- System components may be deteriorated by certain types of oil. Contact LUBE to confirm compatibility.
- Contact LUBE if vanishing or biodegradable oil is to be used.

Warning

- Do not open the oil fill cap while system is under pressure. Serious injury can occur.

Dimensional drawing

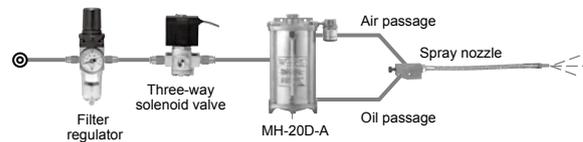


Specifications

Air input pressure	0.7MPa (Maximum)		
Normal working air pressure	0.1 - 0.3MPa		
Working viscosity range	2 - 100mm ² /s		
Reservoir capacity	2ℓ		
Filter (At the oil discharge port)	Filtration accuracy: 40μ		
Number of available spray nozzle	1 to 4 pieces		
Material of the reservoirs	A5052TD-H34		
Weight	3.3kg		
Optional	Oil level switch	Contact capacity	AC · DC200V 0.5A 30W
		Contact type	NO
	Solenoid	Two-way/Three-way AC100V / AC200V DC24V	

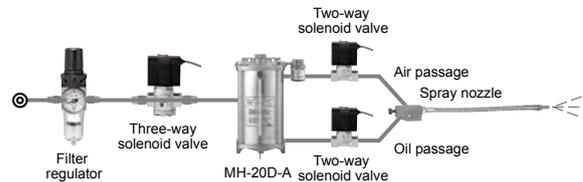
System example

- In order to stop the oil flow, use a three-way solenoid valve on the air supply. By stopping air flow quickly, oil flow will be stopped well.

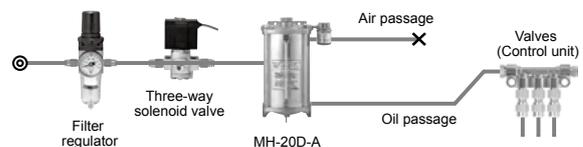


- A. By using each pieces of two-way solenoid valve for air hose and oil hose, switching oil fog On and OFF can be done quickly. By switching the solenoid valve for air hose OFF, only oil can be discharge from the spray nozzle.

- B. If the oil fog is not used, plug the air hose instead of using the two-way solenoid valve.



- Instead of spray nozzle, control units can be used, so this system becomes oil pump run by air.



Air-driven System delivers small volume of vanishing or biodegradable oil