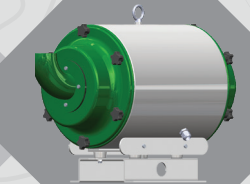




PROCESS EQUIPMENT



CNC MACHINES



FOOD PROCESSING MACHINES



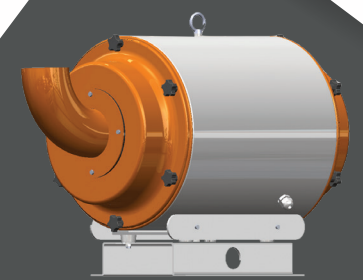
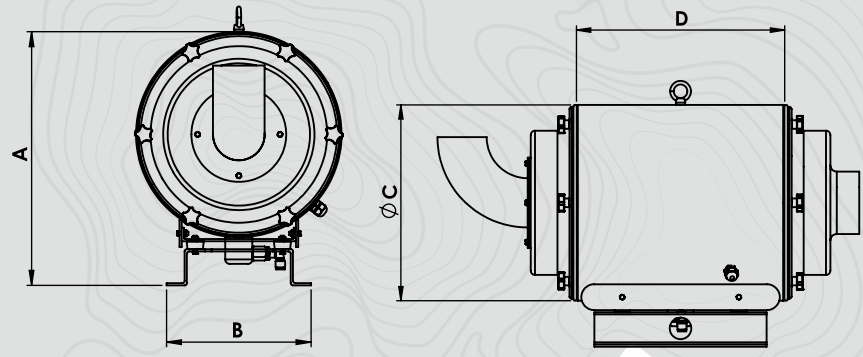
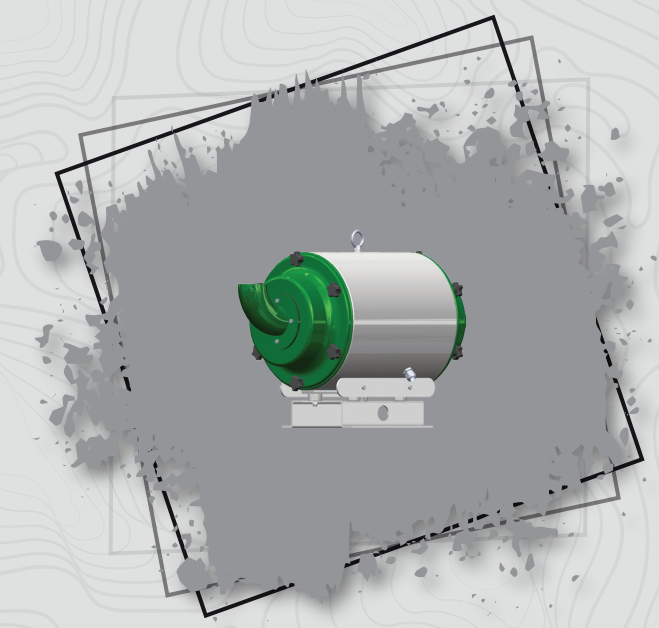
ENERGY EQUIPMENT AND MACHINES



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MANISA / TURKEY

Dimension (mm)	DZL00_355	DZL00_455	DZL00_555
A	485	600	715
B	260	320	380
ØC	355	455	555
D	385	485	585




DZL 355


SCOPE OF APPLICATION




CNC MACHINES




FOOD PROCESSING MACHINES



ENERGY EQUIPMENT AND MACHINES



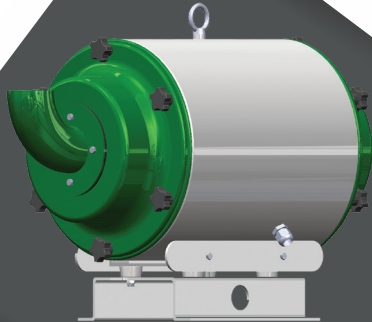
CHEMICAL MACHINES



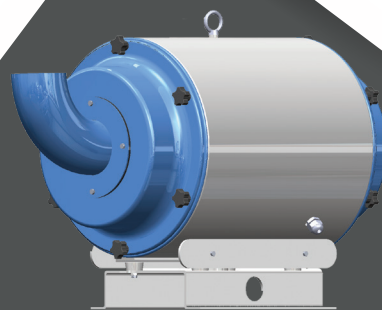
PROCESS EQUIPMENT

OILMIST COLLECTOR WORKING PRINCIPLE

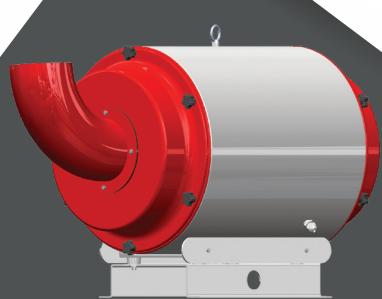
Dizel oilmist collector, with its specially designed turbine and filter system, absorbs the oil vapor spreading from the working area to the air, converts the oil vapor into liquid with the acceleration caused by the centrifugal force and feeds the liquid oil back to the working area. Catching even the smallest particles with its dual filter system , Dizel also provides triple protection by obscuring the smoke and odor in the working area.



DZL 355



DZL 455



DZL 555

IMPORTANCE OF USE

HEALTH & SAFETY



Health; Oil vapor is potentially dangerous for the lungs, larynx and skin.
Accident Risks; Oil mist creates slippery surfaces that increase accident rates.

COST SAVINGS AND STABILITY



Maintenance Costs; The filtration system prevents oil mist from reaching the electrical cards and fans of your machines, thus reducing machine maintenance costs.
Refrigerant Cost Savings; It reduces your coolant cost by returning the coolant to your machine rather than venting it to the atmosphere.

EFFICIENT PRODUCTION and NATURE PROTECTION



Lost Time in Machine; The clogging of electronic equipment causes the machine to waste time. Working Efficiency ; A contaminated and dirty work environment often results in more worker absenteeism and less morale. Employing personnel in unhealthy and dangerous environments can lead to the loss and loss of loyalty of your qualified personnel to the company.

LEGAL REQUIREMENT



The air quality in the environment where filters are not used poses a risk in terms of occupational health and safety, and legal sanctions can be applied as a result of inspections.

ADVANTAGES OF USING DIESEL

- It prevents employees from experiencing respiratory problems as it ensures that the ambient air is kept clean.
- Ensure that the workplace environment is clean and especially the floors reduces the risk of work accidents as it will benefit from lubrication .
- It reduces the cleaning costs of the workplace and the machine.
- It reduces the fire hazard in the workplace and machinery.
- Provides significant cutting fluid savings.
- As the cleaning times of the machines will be shortened, the downtimes will also be shortened. Therefore, it provides an increase in production.
- Classical ventilation systems absorb the polluted air in the environment and send it out of the factory. This both creates environmental pollution and increases the heating-cooling costs of the factory. Since DIZEL cleans the air it takes from the environment and gives it back to the environment, it has no negative effect on the heating or cooling costs in the factory.
- Connect it to each machine separately . It provides serious convenience in the case of transporting your machines .

TECHNICAL SPECIFICATIONS

MODEL	DZL 355	DZL 455	DZL 555
MOTOR POWER	0,75 KW	2,2 KW	4 KW
NUMBER OF PHASE	3 FAZ	3 FAZ	3 FAZ
MAXIMUM AIR VOLUME	900	1600	2100
EFFICIENCY CAPTURE	%99	%99	%99
NOISE LEVEL	63,1	63,1	63,1
SUCTION DIAMETER	115	145	175
DIAMETER	355 mm	455 mm	555 mm
SIZE	385 mm	485 mm	585 mm
NUMBER OF FILTER	2	2	2

- High-performance four-stage filtration.
 - Guaranteed collection efficiency at every stage.
 - Improved productivity and cleaner working environment for the operator.
 - Easy maintenance and filter change.
 - Ability to mount directly to the work area.
 - Ready-made electrical panel system that provides easy installation .
- With the special system placed on the panel, the device's ability to protect itself in the event of a fire in the system to which DIZEL is connected .
 - Competitive price.
 - Long life filters.
 - Special filter structure that provides separation in 4 steps .
 - Very low sound level (>65dB).
 - Integrated fan.
 - 2-year limited warranty.