

ABSTRACT

A centrifuge able to discharge moisture through a separate moisture outlet by separating moisture from oil when spraying
5 oil through a nozzle of a rotor, thereby removing moisture from oil without using a separate skimmer, and a purifier system including the same. The centrifuge includes a casing, a shaft, a stand tube and a rotor. The casing has an oil inlet, an oil outlet, a moisture outlet and an air inlet. Moisture separated
10 from oil sprayed through a nozzle of the rotor is discharged along with air out of the casing through the moisture outlet. An amount of air identical to the amount of the air discharged through the moisture outlet is introduced into the casing through the air inlet.

FIG. 3