



## Sonic Air Systems Dry-In-Place® unit dries eight barrels at once

### Customer:

Koncar distribution and special transformers Inc., based in Croatia.



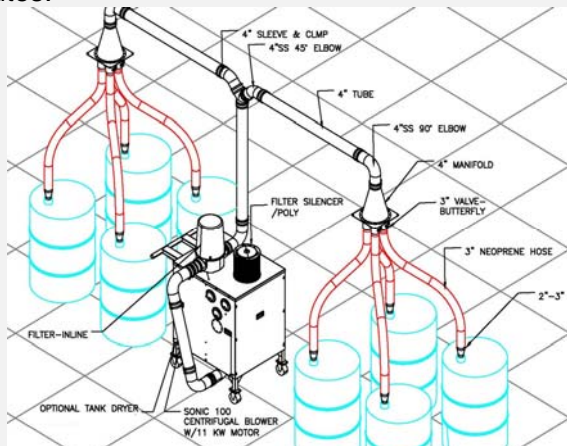
<http://www.koncar-dst.hr/home>

### Application:

Koncar receive new barrels from the manufacturer. However, before filling with degassed and dehumidified oil from their treatment plant they must make sure that there is no trace of water in the empty barrels.



The customer wanted to dry 15 by 210 liter barrels all at once. The current process was taking a complete day and they hoped Sonic could reduce this time to one hour. However, Sonic explained due to pipework issues it would be much better to do a smaller batch and the job could probably be completed in 15 minutes.



**Dry-In-Place® Unit Concept Layout**

### The Sonic “Engineered” Solution:

A Sonic Air Systems Dry-In-Place® unit powered by 15hp (11kW) was able to guaranteed the barrels would be 100% dry after fifteen minutes. This drying efficiency was achieved by using Sonic’s one of a kind patented technology to produce 160 deg. F (71 deg.C) outlet air temperature without the use of any secondary heating source.

### Outcome:

The customer now finds it more convenient to dry the barrels in batches of four as below



### Future Plans:

The customer now plans to modify the system to also dry in pairs their other standard IBC 1,000-liter barrel

