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Cool Dryer Return Air

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Cool Dryer Return Air

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When using a dehumidifying dryer to pre-dry moisture sensitive hygroscopic resins, it is important to monitor the dryer's return air temperature carefully. If the return air temperature climbs above 150°F, the moisture loading capacity of the dehumidifying dryer will be reduced below its design specifications. A return air temperature of 180°F will reduce the dryer's moisture loading capacity by 50%. It will also greatly shorten the life of the dryer's blower.

- Pete Stoughton, Conair

See also:

- [Closed loop dryer](#)
- [Dryer inlet air](#)
- [Installing a dehumidifying drying system](#)

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