



DAVIS-STANDARD®

Where your ideas take shape.

BLOWN FILM

UPJET™ AIR RING SYSTEM

OVERVIEW

The Davis-Standard high performance UpJet™ air ring system provides the latest technology in bubble cooling to provide dramatically improved performance. The system features an elevated airing and V Ring technology to enhance the cooling efficiency of an existing or new blown film line – output performance is dramatically increased without effecting the thickness tolerance and has no negative influence on film properties. Simple to use and install and when combining with the advantages of the Wesjet TPC automatic profile control, you maximize your blown film lines potential.

KEY FEATURES

- Output increases of up to 50% when used with a DS Centrex or Vertex Die
- Maximizes the cooling air contact with the bubble surface
- Uniform airflow enhances the cooling of the bubble below the frost line
- Broad range of blow up ratios
- Ease of use, threading up and quickly getting optimized performance
- Minimal operator adjustment required
- Requires only one blower for the air ring
- Fast responding Autoprofile control is used
- Easy to maintain, robust and durable
- Can be retrofitted to existing lines
- Simple push button control for start up

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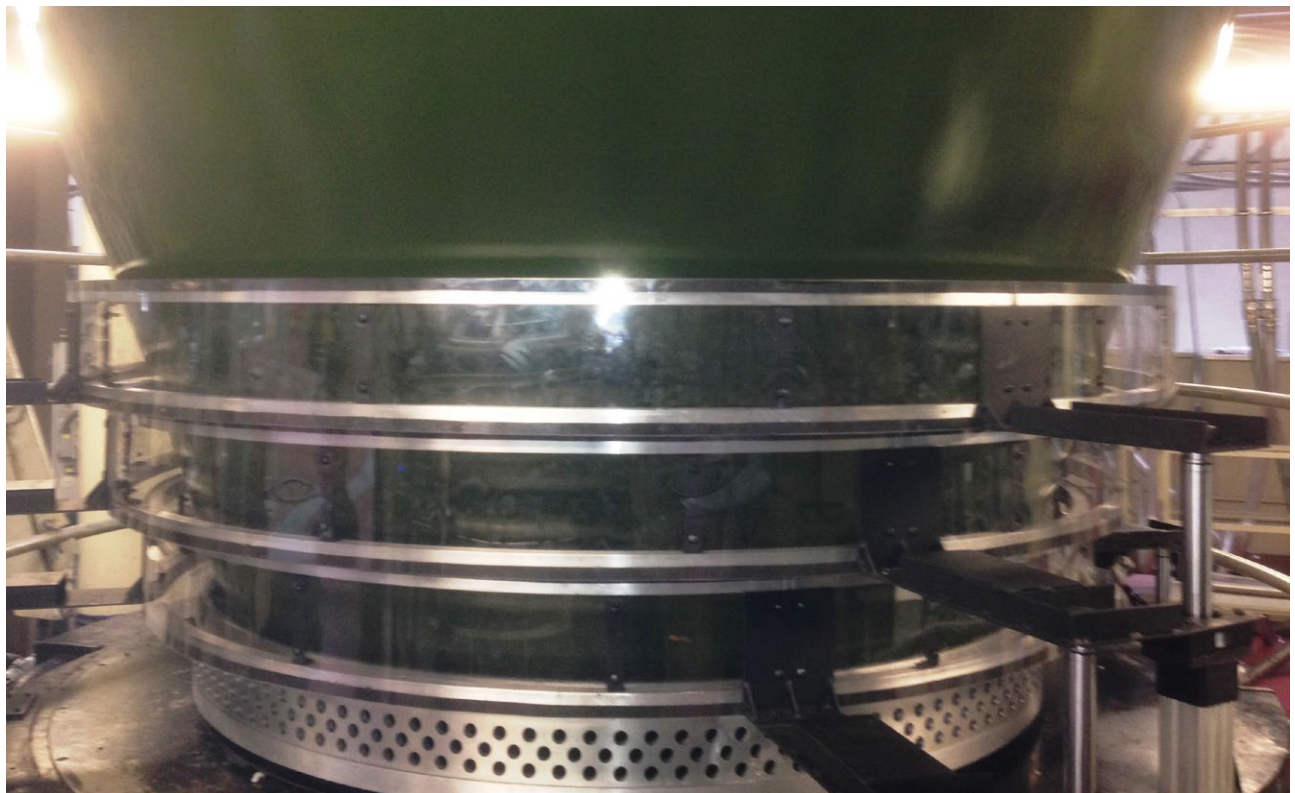
SPECIFICATIONS

- Sizes from 12" (300mm) to 40" (1016mm)
- Outputs typically increased by 25 – 50%
- Available in manual and automatic profile control configurations
- Push button controls for setting
- Specific rates subject to Davis-Standard process analysis

IMPORTANT CONSIDERATIONS

The existing or new line must have the capability to benefit from the increased output that will be experienced.

- Extrusion capacity
- Blending capacity
- IBC capacity
- Blower volume and speed capacity
- Line speed and treating capacity
- Sufficient nip height for increased capacity



V Ring Technology