

Temprite® Coalescent Oil Separators

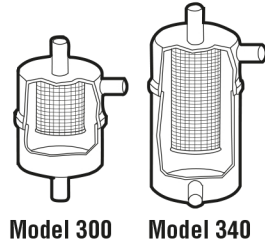
300 Series: Hermetic

Maximum Working Pressure: 44.8 bar (650 PSI)

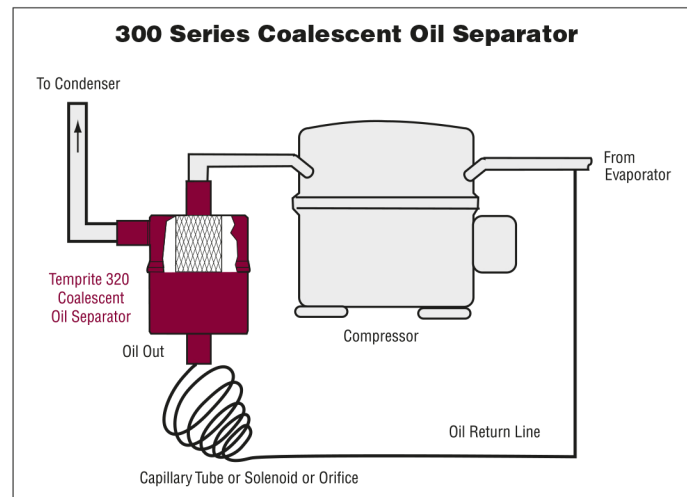
Compatible with all traditional refrigerants including HCs and Subcritical CO₂

Temprite's 300 Series of hermetic coalescent oil separators are one of the smallest oil separators available for their capacity.

- 320 and 340 Series units are 99.995% efficient in removing particulates between 0.3 and 0.6 microns (µm) and separating oil from the mass flow. The elimination of the float ball and internal oil reservoir maximizes efficiency by minimizing oil carryover.



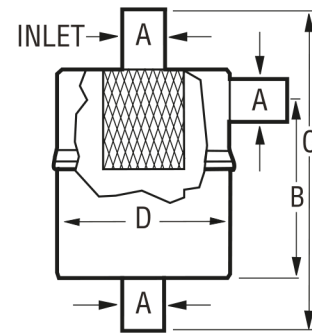
- Metering the oil return back to the compressor may be done by a variety of methods including a capillary tube, a metered orifice or a timed solenoid.



Models 320-322

Part #	Model #	A Dim./Oil Conn. Size	B Dim.	C Dim.	D Dim.
032000000	320	3/8" ODS* 9.53 mm	2-1/16" 52 mm	4-1/4" 108 mm	2-1/2" 64 mm
032100000	321	1/8" FPT*	2-1/16" 52 mm	3-1/2" 89 mm	2-1/2" 64 mm
032200000	322	1/4" SAE*	2-1/16" 52 mm	4" 102 mm	2-1/2" 64 mm

* FPT = Female Pipe Thread, ODS = Outside Diameter Solder, SAE = 45° Flare Connection



Models 340-343

Part #	Model #	A Dim./ Oil Conn. Size	B Dim.	C Dim.	D Dim.
034000000	340	3/8" ODS* 9.53 mm	3-9/16" 90 mm	4-7/8" 124 mm	2-1/2" 64 mm
034100000	341	1/8" FPT*	3-9/16" 90 mm	4-1/2" 114 mm	2-1/2" 64 mm
034200000	342	1/4" SAE*	3-9/16" 90 mm	4-3/4" 121 mm	2-1/2" 64 mm
034300000	343	3/8" SAE*	3-9/16" 90 mm	4-15/16" 125 mm	2-1/2" 64 mm

* FPT = Female Pipe Thread, ODS = Outside Diameter Solder, SAE = 45° Flare Connection

THE CONNECTIONS ON THE OIL SEPARATOR MUST BE THE SAME SIZE AS (OR LARGER THAN) THE DISCHARGE LINE SIZE.

See page 19 for sizing.

