

New: 6" Diameter Coalescer Retrofit Filter Elements and Separator



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Introduction

Pall's Liquid Liquid (LL) coalescer technology for 'direct replacement' of Parker (Peco*, Racor* and Velcon*), Filtration Group*, Fuji*, and Asco Filtri* LL coalescer filters.

Based on customer requests, Pall has incorporated its polymeric coalescer media into a 6" diameter element to enable users of other manufacturers' glass fiber coalescer designs to benefit from Pall technology without the need to replace the existing housing/vessel.

Pall retrofit products are direct replacements for existing competitor products offering the performance and value you have come to expect from Pall.

Advantages of Pall Technology

When high efficiency liquid/liquid separation is needed for removal of liquid dispersed contamination, the proven AquaSep XS or AquaSep EL media is a must have.

Where glass fiber coalescer media typically begin to lose efficiency in the presence of surfactants and where IFT (interfacial tension) is below 20 dynes/cm, the Pall medium will provide consistent performance and will not disarm for the full service life of the coalescer element.

Both AquaSep XS and AquaSep EL options are high-efficiency, polymeric media making them well suited for numerous liquid/liquid separation applications.

Product Benefits

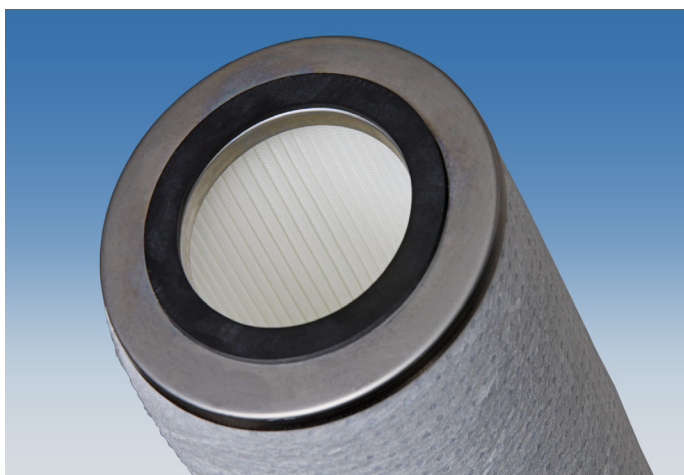
- The high performance polymeric media lead to reduced incidents of off spec products to avoid reprocessing or sedimentation efforts, and help prevent corrosion and catalytic deactivation in downstream equipment
- The Pall media is non disarming by surfactants that coat the coalescer surface. Consistent fluid quality is provided through the full life of the coalescer element and change out costs of disarmed glass fiber is then reduced
- The ability to separate emulsions with IFT lower than 20 dynes/cm is a safety parameter for challenging applications and process variations

6" LL Coalescers are available in a range of standard industry lengths.



Applications

- Removal of water from refined products with or without additive package, including gasoline, diesel, jet fuel, and LPG
- Separation of water from hydrocarbon condensates, hydrotreaters, refinery intermediates, naphtha, propane, and propylene
- Removal of water from aromatics
- Separation of oil from water



Product Specifications

Available in 2 types of polymeric media:

- AquaSep **XS** for finer emulsions with IFTs lower than 20 dynes/cm
- AquaSep **EL** for coarser emulsions, or when pre-filtration is not in place

Both XS and EL type media are compatible with hydrocarbon fuels, trace amounts of IPA and methanol, and water in the pH range of 4 - 8.5. For compatibility information with a specific chemical, please contact your Pall representative or distributor.

Maximum operating temperature: 60 °C / 140 °F

Maximum differential pressure: 3.4 bard / 50 psid at 21 °C / 70 °F

Seal Material: Fluoropolymer

Recommended change-out: 1.0 bard / 15 psid at 21 °C / 70 °F

Pall Quality Assurance

Pall coalescers are manufactured at Pall sites that are ISO9001 certified. They are traceable back to manufacturing lots by date code printed on the bag label.

Part Number and Ordering Information

Pall 6" diameter coalescer retrofits are available to replace the following suppliers products. Please contact your Pall representative if your don't find the 6" Liquid/liquid coalescer reference you use listed below:

Supplier	Series	Filter Element Reference
Parker - Peco	Interphase* CPF	CR38K, CR43K, CR44K, CR58K CB38K, CB43K, CB44K, CB58K CC38K, CC43K, CC44K, CC58K
	Xtreme Phase*	Series C fiber glass in 44" and 56" Series IPC fiber glass with pleat pack in 44" and 56" Series PLPC Polyester in 44" and 56"
Parker - Racor	HCP	HCP-436 in various ratings, HCP-456 in various ratings
	RAC	RAC-638, RAC-643, RAC-656
Parker - Velcon	I-Series	I-638, I-644, I-656 Series
Filtration Group - Jonell*	PhasePUR*	JC644, JCP656 Series
Filtration Group - Facet*	Marine CA, CB, CC	CA38, CA43 & CA56 Series in models 3, 8 and 9 CB43, CB56, CC43 & CC56 Superflex Series
Asco Filtri	CC	CC-G656 Series

The following Pall retrofit coalescer element and associated separator options are available.

Pall Retrofit Coalescer Part Number	Length (cm / in)	Medium	Separator	Length (cm / in)
LCS656PXSHDOE	142.2 / 56	XS	LSS643F2H	109.2 / 43
LCS656ELBH13DOE	142.2 / 56	EL	LSS636F2H	91.4 / 36
LCS644PXSHDOE	111.8 / 44	XS	LSS633F2H	83.8 / 33
LCS644ELBH13DOE	111.8 / 44	EL	LSS629F2H	73.7 / 29
LCS643PXSHDOE	109.2 / 43	XS		
LCS643ELBH13DOE	109.2 / 43	EL		
LCS638PXSHDOE	96.5 / 38	XS		
LCS638ELBH13DOE	96.5 / 38	EL		



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The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change without notice. For current information consult your local Pall distributor or contact Pall directly.

IF APPLICABLE Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

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