WINSTON / ROYAL GUARD CORPORATION

Filter & Coalescing Cartridge Inquiry Questionnaire

Company _____ Date _____

Address _____ Phone _____

_____ Fax _____

Name _____ Email _____

Title or Dept._____

Winston/Royal Guard's product model number:_____

Winston/Royal Guard's original work order number _____

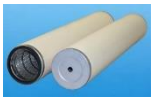
Original ordering customer, purchase order number, and date of order if known:

_____

Quantity: **Cartridge part number:**

_____ **Unknown**, cartridges to match those shipped with the original product.

FILTER-SEPARATOR (WRG Type 150) and **DRY GAS FILTER** (WRG Type 65) CARTRIDGES:



Filter Cartridge WCL536 series. Flow path from outside to inside.
For **Type 150 Filter-Separator** for removal of aerosol size and larger liquid and solid particles from natural gas. For **Type 65 Dry Gas Filter** for removal of solid particles such as rust, scale, and dust.

_____ WCL536 (0.3) with rating of 0.3 micron (99.9% efficiency) depth type glass fiber & polypropylene media filter cartridge, 5-1/2" dia., and 36" long, or _____ dia. and _____long

_____ WCL536 (1) with rating of 1 micron (98% efficiency) depth type fiberglass filter cartridge, 5-1/2" dia., and 36" long, or _____ dia. and _____long

FILTER-SEPARATOR (WRG Type 150) CARTRIDGES:

Filter Cartridge WMGL536 series with microglass media. Flow path from outside to inside. For **Type 150 Filter-Separator** for optimum removal of aerosol size and larger liquid and solid particles from natural gas.

_____ WMGL536 (0.3) with rating of 0.3 micron (99.9% efficiency) depth type microglass filter cartridge, 5-1/2" dia., and 36" long, or _____ dia. and _____long

_____ WMGL536 (1) with rating of 1 micron (99.9% efficiency) depth type microglass filter Cartridge, 5-1/2" dia., and 36" long, or _____ dia. and _____long

DRY GAS FILTER additional options (WRG Types 65 and 65BT) CARTRIDGES:

Filter Cartridge WP-L436 Pleated Series with 1 micron rating. Flow path from outside to inside. For **Type 65 Dry Gas Filter** for removal of solid particles such as rust, scale, and dust.

_____ WPPL436b1 with rating of 1 micron (99.9% efficiency) filter cartridge, polypropylene pleat, 4-1/2" dia. and 36" long, or _____ dia. and _____long

_____ WPPL436b5 Series with rating of 1 micron (99.98% efficiency) filter cartridge, polypropylene pleat, 4-1/2" dia. and 36" long, or _____ dia. and _____long

_____ WPEL436b1 Series with rating of 1 micron (99.9% efficiency) filter cartridge, polyester pleat, 4-1/2" dia. and 36" long, or _____ dia. and _____long

_____ WPEL436b5 Series with rating of 1 micron (99.98% efficiency) filter cartridge, polyester pleat, 4-1/2" dia. and 36" long, or _____ dia. and _____long

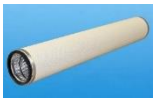
WBPEL Series Basket-Type Filter Cartridge with pleated polyester media and absolute rated at 99.9% efficiency. A Buna O-ring is provided in the top cap of the cartridge to prevent bypass. Flow is from inside to outside so as to capture particulates inside the basket for change-out through the top of the vessel without spillage. For **Type 65BT Dry Gas Filter** for removal of solid particles such as rust, scale, and dust.

_____ WBPEL509 (2) with 2 micron rating, 5.6" diameter and 9" long.

_____ WBPEL519 (1) with 1 micron rating, 5.6" diameter and 19" long.

_____ WBPEL819 (10) with 10 micron rating, 8" diameter and 19" long.

GAS-LIQUID COALESCER (WRG Type 140) CARTRIDGES:



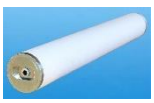
Coalescing Cartridge. Flow path from inside to outside. For **140 Gas-Liquid Coalescer** for removal of aerosol particles including liquid hydrocarbons, water, and other contaminants, as well as for recovery of lube oil from a natural gas stream. Extremely fine solids will also be captured.

_____ WCL536R (0.3) with rating of 0.3 micron (99.9% efficiency) depth type fiberglass coalescing cartridge, 5-1/2" dia. and 36" long, or _____ dia. and _____long

_____ WCL536R (1) with rating of 1 micron (99.9% efficiency) depth type fiberglass coalescing cartridge, 5-1/2" dia. and 36" long, or _____ dia. and _____long

_____ WPML536Rb5 with rating of 0.3 micron (99.98% efficiency) coalescing cartridge, microglass pleat, 5-1/2" dia. and 36" long, or _____ dia. and _____long

_____ WPPL536Rb1 with rating of 0.3 micron (99.9% efficiency) coalescing cartridge, polypropylene pleat, 5-1/2" dia. and 36" long, or _____ dia. and _____long



Coalescing Cartridge with "ET" Top Cap is designed for easier removal and replacement in the **140 Gas-Liquid Coalescer.** With 0.3 micron rating, the cartridges are available in either depth or pleated media. The flow path is from inside to outside. Applications include recovery of compressor lube oil, glycol and amine mist carryover, etc. Fine solids will also be captured.

_____ WCL536R (0.3)-ET with rating of 0.3 micron (99.9% efficiency) depth type fiberglass coalescing cartridge, 5-1/2" dia. and 36" long, or _____ dia. and _____long

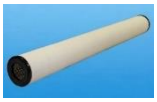
_____ WCL536R (1)-ET with rating of 1 micron (99.9% efficiency) depth type fiberglass coalescing cartridge, 5-1/2" dia. and 36" long, or _____ dia. and _____long

_____ WMGL536Rb1-ET with rating of 0.3 micron (99.9% efficiency) coalescing cartridge, microglass pleat, 5-1/2" dia. and 36" long, or _____ dia. and _____long

_____ WPML536Rb5-ET with rating of 0.3 micron (99.98% efficiency) coalescing cartridge, microglass pleat, 5-1/2" dia. and 36" long, or _____ dia. and _____long

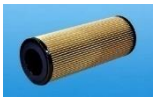
_____ WPPL536Rb1-ET with rating of 0.3 micron (99.9% efficiency) coalescing cartridge, polypropylene pleat, 5-1/2" dia. and 36" long, or _____ dia. and _____long

LIQUID-LIQUID COALESCER (WRG Type 62-CC-2S) CARTRIDGES:



Coalescing Cartridge WCTL6--R Series has a flow path from inside to outside. For **Type 62-CC-2S Liquid-Liquid Coalescer Separator** to coalesce trace amounts of water into larger and in conjunction with the second stage WCTL6--PC separator cartridge.

_____ WCTL6--R Series coalescing cartridge, _____" dia. and _____ " long



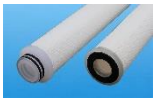
Separator Cartridge WCTL6--PC Series has a flow path from outside to inside. For **Type 62-CC-2S Liquid-Liquid Coalescer Separator** for the separation of two immiscible liquids. The separator filter is hydrophobic allowing oil to pass through while repelling water. It is the second stage in conjunction with the first stage WCTL6--R coalescing cartridge.

_____ WCTL6--PC Series separator cartridge**,** _____" dia. and _____ " long

LIQUID FILTER (WRG Type 61) CARTRIDGES:

Filter Cartridge WCC Wound Series has a flow path from outside to inside. For **Type 61V Vertical Liquid Filter** for removal of solid contaminants from a liquid process stream. Available in micron ratings of 0.5, 1, 3, 5, 15, 20, 25, 30, and up to 200.

_____ WCC Wound Series filter cartridge, _____ micron rating, 2-1/2" dia. and 30" long, or _____" dia. and _____" long. Material: ( ) cotton, ( ) nylon, ( ) baked fiberglass, ( ) acrylic/orlon, ( ) polyester, ( ) polypropylene, ( ) rayon



Filter Cartridge WLP-L Pleated Series has a flow path from outside to inside. For **Type 61V Vertical Liquid Filter** for removal of solid contaminants from a liquid process stream. Available in micron ratings from 0.5 micron and efficiencies up to 99.98%.

_____ WLPPL Series with **polypropylene** pleat and polypropylene end caps,
2-1/2" dia. and 30" long, or _____ dia. and _____long,
particulate retention (circle one) 0.5, 1, 3, 5, 10, 20, 30, 40, or 70 micron,
efficiency of ( ) 99.5%, ( ) 99.9%, or ( ) 99.98%,
( ) bottom end style 222 with O-rings ( ) TEV, ( ) Viton, ( ) Buna, ( ) _____,
( ) bottom end style FEG, flat with Buna gasket.
( ) top cap ( ) polypropylene only ( ) with spring assembly.

_____ WLPEL Series with **polyester** pleat and polyester end caps,
2-1/2**"** dia. and 30" long, or _____ dia. and _____long,
particulate retention (circle one) 0.5, 1, 3, 5, 10, 20, 30, 40, or 70 micron,
efficiency of ( ) 99.5%, ( ) 99.9%, or ( ) 99.98%,
( ) bottom style 222 with O-rings ( ) TEV, ( ) Viton, ( ) Buna, ( ) _____,
( ) bottom end style FEG, flat with Buna gasket.
( ) top cap ( ) polyester only ( ) with spring assembly

_____ WLPML Series with **microglass** pleat,
2-1/2**"** dia. and 30" long, or _____ dia. and _____long,
particulate retention (circle one) 0.5, 1, 2, 5, 10, 20, 30, or 40 micron,
efficiency of ( ) 99.5%, ( ) 99.9%, or ( ) 99.98%,
end caps/treatments ( ) polypropylene, ( ) polyester, ( ) plated steel,
( ) 304 stainless steel, ( ) 316 stainless steel,
( ) style 222 with O-rings ( ) TEV, ( ) Viton, ( ) Buna, ( ) _____,
( ) bottom end style FEG, flat with Buna gasket.
( ) top cap ( ) polypropylene only, ( ) polyester only, ( ) with spring assembly.
Support material ( ) polyester is standard, ( ) polypropylene, ( ) cellulose.

Filter Cartridge WHFP High Flow Pleated Series has a flow path from inside to outside. For **Type 61 vertical or horizontal Liquid Filter** for removal of solid contaminants from a liquid process stream. Available in micron ratings from 1 micron and efficiencies up 99.98%.

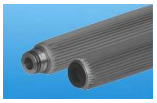
_____ WHFPP Series with **polypropylene** pleat and end caps (max temp is 180^{o} F),
optional external core ( ) plated steel, ( ) 304 SS, ( ) 316 SS,
6.3**"** dia. and length of ( ) 40-1/2", ( ) 60-1/2", ( ) 80-1/2", ( ) _____,
particulate retention (circle one) 1, 2, 5, 10, 15, 20, 40, or 70 micron,
efficiency: ( ) 99.5%, ( ) 99.9%, or ( ) 99.98%.
O-ring ( ) TEV, ( ) Viton, ( ) Buna, ( ) EPR, ( ) silicone, ( ) _____.

_____ WHFPE Series with **polyester** pleat and Nylon end caps (max temp is 240^{o} F)
external core ( ) plated steel, ( ) 304 SS, ( ) 316 SS,
6.3**"** dia. and length of ( ) 40-1/2", ( ) 60-1/2", ( ) 80-1/2", ( ) _____,
particulate retention (circle one) 1, 2, 5, 10, 15, 20, 40, or 70 micron,
efficiency: ( ) 99.5%, ( ) 99.9%, or ( ) 99.98%.
O-ring ( ) TEV, ( ) Viton, ( ) Buna, ( ) EPR, ( ) silicone, ( ) _____.

_____ WHFPM Series with **microglass** pleat and Nylon end caps (max temp is 275^{o} F),
external core ( ) plated steel, ( ) 304 SS, ( ) 316 SS,
6.3**"** dia. and length of ( ) 40-1/2", ( ) 60-1/2", ( ) 80-1/2", ( ) _____,
particulate retention (circle one) 1, 2, 5, 10, 15, 20, 40, or 70 micron,
efficiency: ( ) 99.5%, ( ) 99.9%, or ( ) 99.98%.
O-ring ( ) TEV, ( ) Viton, ( ) Buna, ( ) EPR, ( ) silicone, ( ) _____.

_____ WHFPCe Series with **cellulose** pleat and Nylon end caps (max temp is 275° F),
external core ( ) plated steel, ( ) 304 SS, ( ) 316 SS,
6.3**"** dia. and length of ( ) 40-1/2", ( ) 60-1/2", ( ) 80-1/2", ( ) _____,
particulate retention (circle one) 1, 2, 5, 10, 15, 20, 40, or 70 micron,
efficiency: ( ) 99%, or, ( )_____.
O-ring ( ) TEV, ( ) Viton, ( ) Buna, ( ) EPR, ( ) silicone, ( ) _____.

_____ WHFPCo Series with **cotton** pleat and Nylon end caps,
external core ( ) plated steel, ( ) 304 SS, ( ) 316 SS,
6.3**"** dia. and length of ( ) 40-1/2", ( ) 60-1/2", ( ) 80-1/2", ( ) _____,
particulate retention (circle one) 1, 2, 5, 10, 15, 20, 40, or 70 micron,
efficiency: ( ) 99%, or, ( )_____.
O-ring ( ) TEV, ( ) Viton, ( ) Buna, ( ) EPR, ( ) silicone, ( ) _____,
maximum temp.: ( ) 300° F with Viton O-ring, or ( ) 250° F with EPR O-ring.



Filter Cartridge WLST Pleated Stainless Steel Series has a flow path from outside to inside. For **Type Liquid Filter** for removal of solid contaminants from a liquid process stream. Available in micron ratings from 5 to 840 microns absolute.

_____ WLST Series with **stainless steel** pleated media, core, and end caps,
( ) 304 stainless steel, or ( ) 316 stainless steel construction
2-1/2**"** dia. and ( ) 10" ( ) 20" ( ) 30" ( ) 40" long, or _____ dia. and
_____long,
Particulate retention (circle one or enter) 5, 10, 20, 40, 60, or _____ micron,
( ) bottom end style 222 with O-rings ( ) Buna, ( ) Viton, ( ) Teflon,
( ) Ethylene propylene, ( ) _____,
( ) bottom end style FEG, flat with gasket ( ) Buna, ( ) Viton, ( ) Teflon,
( ) Ethylene propylene, ( ) _____,
Top cap ( ) closed ( ) closed and with spring assembly ( ) open with gasket.

LIQUID FILTER WITH ACTIVATED CARBON (WRG type 61V-C) CANISTER:

Carbon Canister WCFL-1122 Series, filled with activated carbon, has a radial flow path of outside to inside. For **Type 61V-C Vertical Liquid Filter with activated carbon** to remove dissolved hydrocarbons and other impurities from amine and glycol processes for the prevention of foaming and reduction of corrosion.

_____ WCFL-1122 Series Carbon canister with carbon, 11" dia. and 22" tall,
or _____" dia. and _____" tall.

OTHER ITEMS:

_____ End cap material: _____

_____ Support core material: _____

_____ Other mounting hardware: _____

_____ _____