



QWIK-PURE®

Direct to Cartridge Oil-Water Separators

+ Features and Benefits

SIMPLIFIED SERVICE / NO MESS:

lightweight, easy to change cartridge and the exterior remains clean and dry (no dirty hands)

UNIQUE ADSORPTION MATERIAL:

new filling material that is extremely light, not messy and has increased performance

DIRECT TO CARTRIDGE:

no gravity pre-separation is required



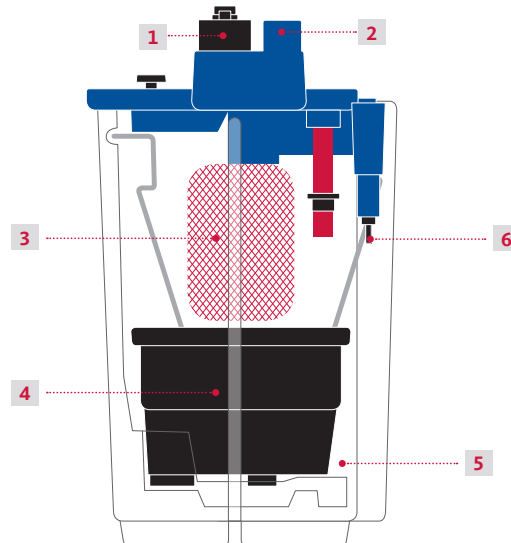
ENVIRONMENTALLY SAFE:

cartridge can be disposed of normally and is safe for any sanitary land-fill

EASY RETROFIT HEATING UNIT:

all model sizes can be equipped with heating elements for cold weather applications

+ Operating Principle



The oil contaminated condensate flows under pressure into the newly designed pressure relief chamber [1]. Here, the pressure is released without creating turbulence downstream [2] of the condensate inlet. The oil contaminated condensate flows into the high volume pre-filter [3], which is characterized by its ideal flow pattern from the inside to the outside. Here the remaining oil droplets are bound to the pre-filter. It also deals with any residual floating oil in the upper chamber.

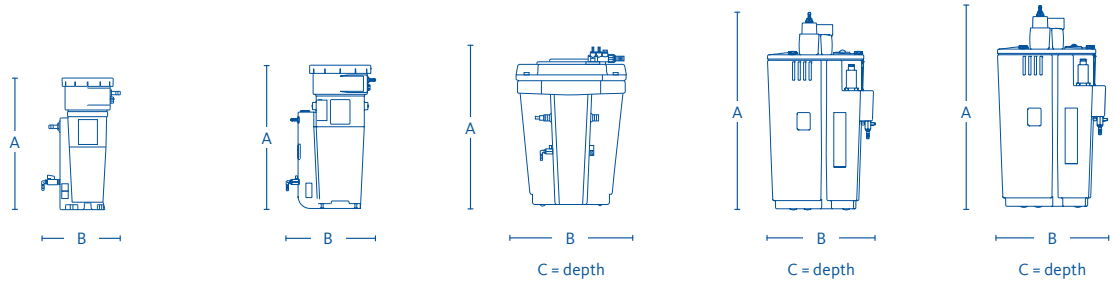
As the pre-treated condensate enters the main cartridge the remaining oil is adsorbed and locked into our advanced filter material where it cannot escape [4]. The condensate is now fully treated and flows around the lower chamber wall toward the clean water outlet [5].

The final result is purified water suitable for discharge directly into the sewer system [6]. Thanks to the cartridge technology, filter replacement is both quick and clean; and all without the use of activated carbon.

QWIK-PURE® High-Efficiency Oil-Water Separators

with direct to cartridge filtration

Min. / Max. Ambient Temperature	+41 / +140 °F
Max. Operating Pressure at Inlet	232 psig
Max. Condensate Temperature	140 °F



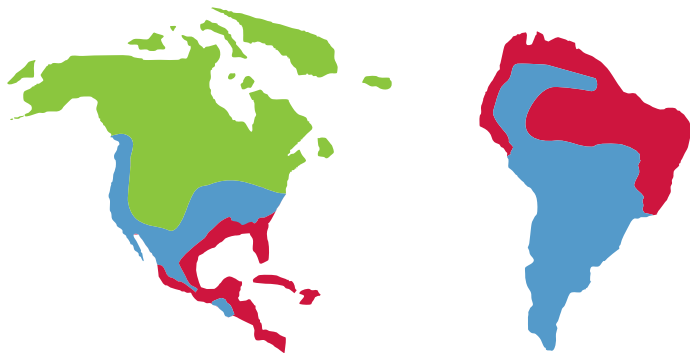
QWIK-PURE®	25	50	100	200	350
Condensate feed	2 x ½"	2 x ½"	3 x ½" 1 x 1"	3 x ½" 1 x 1"	3 x ½" 1 x 1"
Cartridge Capacity (gal)	1 x 1.3	1 x 2.4	1 x 5.2	1 x 4.9 1 x 5.3	1 x 9.8 1 x 10.7
Tank Capacity (gal)	2.6	4.9	17.7	30.51	60.34
Filling Capacity (gal)	1.1	3.1	12.4	19.15	36.24
A (inches)	20.7	23.4	26.0	44.1	46.9
B (inches)	7.9	5.5	18.1	22.6	27.6
C (inches)	-	-	20.5	20.5	25.6
Weight (lbs)	7.7	12.7	24.5	70.6	92.6

	Max. Compressor Horsepower Rotary Screw Compressor				
Mineral Oils	25	50	100	200	350
PAO / Diester Oils	20	35	75	130	210
Polyglycol Oils	15	25	50	100	175

CLIMATE ZONE CORRECTION FACTOR	
COOL / MILD	1.00
MEDIUM / ARID	.90
HOT / TROPICAL	.70

FILTER CARTRIDGE LIFE CYCLE*	
1 Shift	10-14 months
2 Shifts	8-12 months
3 Shifts	5-9 months

* Ranges are approximate



To use the sizing chart, first locate the closest applicable compressor horsepower value (for multiple compressors use the total system horsepower) of your compressed air system. Locate the row with the appropriate compressor lubricant for your particular application (i.e mineral oil) and you will instantly know the correct QWIK-PURE® model size for your compressor type. Multiply the compressor maximum compressor horsepower by the climate zone correction factor based on the location of your application.

Capacity tests and our long-term experience have enabled us to make locational adjustments to our capacity figures by taking global climate data into account. Regions in the southern United States (i.e San Antonio, TX) are subject to higher temperature and humidity levels throughout the year, which can yield different condensate treatment requirements. Therefore, if you feel that your regional location may have a significant impact on the application or installation, please consult your BEKO Technologies representative for details.

Subject to technical errors, changes, omissions and/or corrections without prior notice.