



## OIL SEPARATORS

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## PRELIMINARY INFORMATION

### OSVM OIL SEPARATOR VERTICAL, WITH IN-BUILT OIL RESERVOIR. CAPACITY UP TO 700 kW



Height : 1140mm  
High efficiency oil separator with 3 step separation.

Oil Separators are supplied  
with flanges  
with heaters  
with sleeve for sensor  
sight glasses  
Oil outlet with Rotalock valve  
Separate valve for oil drain  
1 3/4" thread for level sensor an optical level sensor  
1 3/4" Rotalock optical level sensor is available as accessory.  
Refrigerants HCFC and HFC

This oil separator eliminates the majority of the oil flow in the discharge gas. The oil flow through the system is very low. Oil carry-over coming out of the separator is less than 1 percent. Depending on the application 500 ppm carry-over is achievable. After the 4 step separation, oil is stored in the reservoir. Heaters keep the reservoir refrigerant free. Useable for flooded evaporator applications and for mono and multicompressor refrigeration systems.

### OSVF OIL SEPARATOR VERTICAL, WITH COALESCING CARTRIDGE. CAPACITY UP TO 350 kW

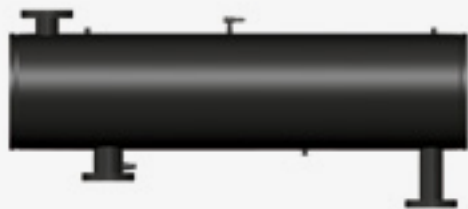


Height : 785mm  
Very high efficiency coalescing oil separator with 4 step coalescing filter.

With this filter, liquid drops can be separated out of aerosols.  
Oil Separators are supplied with  
flanges  
sleeve for optic level sensor  
Oil outlet with 3/4" flare valve  
Easily replaceable coalescing cartridge  
Accessories:  
External float valve  
Venturi nozzle  
Capacity up to 350 kW  
Refrigerants HCFC and HFC

This oil separator eliminates the majority of the oil flow in the discharge gas. Depending on the application 10 ppm carry-over is achievable. This oil separator is for Scroll or Reciprocating compressors and Compact screw compressors with integrated oil separator. In this case, the filter can be used as a second step filtration with direct oil return. Especially for flooded evaporator application.

### OSHM OIL SEPARATOR HORIZONTAL, FOR DIRECT OIL RETURN. CAPACITY UP TO 700 kW



High efficiency oil-separator with 3 step separation.

The Oil separator will be delivered with  
flanges  
sleeve for hot gas outlet  
Oil outlet with 3/4" flare valve  
Separate oil drainage tank  
1 3/4" thread for level sensor  
Accessories:  
Float valve  
Venturi nozzle  
1/2" NPT optical level sensor  
Refrigerants HCFC and HFC

This oil separator eliminates the majority of the oil flow in the discharge gas. Depending on the application 500 ppm carry-over is achievable. This oil separator is for Scroll, Reciprocating compressors and for Compact screw with integrated oil separator. The oil separator has only a small volume of oil. This part is made for direct oil return. Especially for flooded evaporator application.

### OSVMF COMBINED OIL SEPARATOR VERTICAL. CAPACITY UP TO 700 kW



Height : 785mm  
Very high efficiency coalescing oil separator with 4 step coalescing filter.

In the coalescing filters, liquid drops can be separated out of the aerosols.  
The oil-separators are supplied with  
flanges  
heaters  
sleeves for sensors  
sight glasses  
Oil outlet with Rotalock valve  
Separate valve for oil drain  
1 3/4" thread for level sensor  
Oil outlet with 1 3/4" Rotalock valve  
Easily replaceable coalescing cartridges  
Oil reservoir included  
Accessories:  
External float valve  
Venturi nozzle  
Refrigerants HCFC and HFC

This oil separator eliminates the majority of the oil flow in the discharge gas. Depending on the application 10 ppm carry-over is achievable. This oil separator is for Scroll, Reciprocating compressors, or screw without oil separator. Useable for mono and multicompressor refrigeration systems.