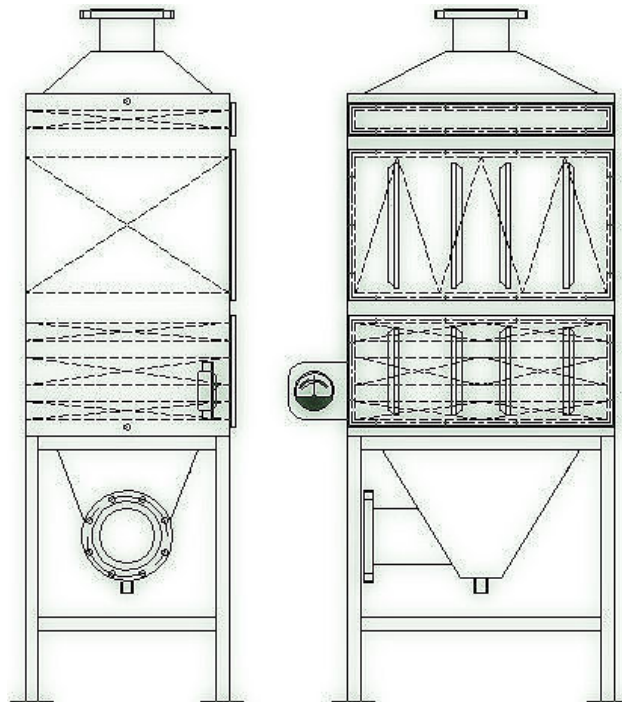


# Activated Carbon Filter Unit



## Operating and Maintenance Instructions



Prepared for:  
**Enva England Specialist  
Waste Limited**

Installed Filter Location:  
**Waste Car Oil Tank Vent**

**Batch No. 50893.01 Unit Drawing No. E2245-10 GR420  
Customer Purchase Order Ref. 28649**

**EMCEL FILTERS LIMITED**

Tel: 01403 253215 Fax: 01403 217011 Email: [info@emcelfilters.co.uk](mailto:info@emcelfilters.co.uk)

[www.emcelfilters.co.uk](http://www.emcelfilters.co.uk)

# EMCEL Filters Limited

**Blatchford Road, Horsham, West Sussex, RH13 5RA, UK**

**Tel: +44 (0)1403 253215 Fax: +44 (0)1403 217011**

[www.emcelfilters.co.uk](http://www.emcelfilters.co.uk)



<b>ACTIVATED CARBON FILTER DATA SHEET</b>	<b>CUSTOMER</b> Enva England Specialist Waste Limited Purchase Order Ref. 28649	<b>CONTACT</b> Mr. Dave Bradish
<b>BATCH NO.</b> 50893.01	<b>PROJECT REF.</b> Waste Car Oil Tank Vent <b>LOCATION</b>	<b>DATE SYSTEM COMMISSIONED</b>
<b>EQUIPMENT REFERENCE</b> Maxicarb	Unit Drawing No. E2245-10 GR420	Unit Part No. 052.2.476
<b>INSTALLATION/OPERATION</b> The EMCEL carbon filter unit is non-mechanical and has no moving parts. All packaging should be removed prior to installation.	Ideal inlet air conditions for the filter unit are 20°C and 50% Relative Humidity, maximum conditions being 50°C and 85% Relative Humidity. Moisture deposition on the carbon will severely reduce the filter performance.	Rated Airflow: 210 m <sup>3</sup> /h Estimated Dwell Time: 2.4 seconds approx.
<b>MAINTENANCE</b> The prefilter panels, coalescer filters and prefilter/postfilter spark arrestors must be replaced as soon as they become laden with dust. This will be once the pressure drop has increased by approximately 125 Pa.	The filter elements can be accessed via the doors on one side of the unit.	Carbon Cells should be replaced once carbon is exhausted. Replacement cycle may be determined by EMCEL carbon life prediction service.
<b>SPARES</b> 6 off carbon cells E2222-50 GR388 2 off G4 pleated prefilter panel 4 off spark arrestors E2048-2 GR260 2 off coalescer filters E2273-6 GR3		
<b>PREPARED BY</b>  J.S.C. Broadribb	Number of units: 1	<b>DATE</b>  10 <sup>th</sup> September 2019

EMCEL Part No. 072.50.388.S4  
 EMCEL Part No. EW4P605365047A01  
 EMCEL Part No. 013.4.260  
 EMCEL Part No. 013.7.110