



DATASHEET CCN: 47889531001

REVISION: A

DATE: 06/03/2025

Product group : Oil-Water-Separator Type : ECOPLUS45 & ECOPLUS45 PG

Compact, fully automatic oil-water separator manufactured and tested according to the state of the art

Reference conditions (mild climate - Central Europe)

Relative humidity at inlet	60 %
Operation pressure	7 bar
Air inlet temperature	25 °C
Operating hours per day	8 h

Limit conditions

Ambient temperature	min.	1 °C
	max.	50 °C
Condensate inlet temperature	min.	1 °C
	max.	60 °C

Capacities

Compressor capacity	max.	4.5 m ³ /min
Oil adsorption capacity	max.	3.5 Liters
Design target oil residual output value	<	5 ppm

Connections

Inlet connection	1 piece	$\frac{1}{2}$ " BSP Ø 10 mm hose
Outlet connection	1 piece	$\frac{1}{2}$ " BSP Ø 14 mm hose
Test valve	1 piece	$\frac{1}{2}$ " BSP

Material, Weights & scope

Housing Material	Type	PPC
Material Lid's	Type	PPC
Moulding type	Type	TSG injection moulding
All inserts and connection points	Type	brass
All O-Ring sealings	Type	NBR 70 shore
Carbon element	Qty	1
White element	Qty	1
Weight unit without condensate (incl. bracket)	Kg	7.5
Weight with condensate	Kg	16
Volume complete housing (without elements)	L	21.4
Volume condensate with elements in operation	L	8.5
Filling volume up to outflow without elements	L	18

Material, Weights & scope

Indicator stick overflow		Yes (red)
Indicator stick saturation		No (white)
Overflow indicator stick signaling LED		Yes
Saturation indicator stick signaling LED		No
Test kit		Yes
Glove kit		Yes
Lid fixation screw	Qty/Type	4 x M 6
Wall mounting possible		Yes
Holes in wall mounting bracket	mm	5.2
Able to separate:		
Mineral lubricants		Yes
Synthetic lubricants		Yes
Stabile emulsions		Yes, consult factory
Polyglycol coolants		Yes, consult factory

Optional equipment

Reed switch condensate warner (for remote monitoring)	Yes
Multi inlet adapter	Yes
Battery reed switch flash indicator	Yes
Condensate distributor	Yes
Platto (driptrap) available	Yes

Product part number

OMI PN	OMI description
05D.0045.00.0000	ECOPLUS 45
05E.0045.00.0000	ECOPLUS 45 PG

Dimensional sketch

