



DATASHEET CCN: 47898100001

REVISION: B

DATE: 06/03/2025

Product group : Oil-Water-Separator

Type : ECOPLUS300 & ECOPLUS300 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.	30 m ³ /min
Oil adsorption capacity	max.	25 Liters
Design target oil residual output value	<	5 ppm

Connections

Inlet connection	2 pieces	$\frac{1}{2}$ " BSP Ø 10 mm hose
Outlet connection	1 piece	1" BSP Ø 26 mm hose
Test valve	1 piece	$\frac{1}{4}$ " BSP
Service drain ball-valve	2 pieces	$\frac{1}{2}$ " BSP Ø 15 mm hose

Material, Weights & scope

Housing Material	Type	PE
Material Lid's	Type	PE
Moulding type	Type	roto moulding
All inserts and connection points	Type	brass
All O-Ring sealings	Type	NBR 70 shore
Carbon element	Qty	1
White element	Qty	2
Weight unit without condensate (with elements)	Kg	42
Weight with condensate	Kg	148
Volume complete housing (without elements)	L	205
Volume condensate with elements in operation	L	106
Filling volume up to outflow without elements	L	128

Material, Weights & scope

Indicator stick overflow	Yes (red)
Indicator stick saturation	Yes (white)
Overflow indicator stick signaling LED	Yes
Saturation indicator stick signaling LED	Yes
Test kit	Yes
Glove kit	Yes
Lid fixation	Bajonett
Wall mounting possible	No
Able to separate:	
Mineral lubricants	Yes
Synthetic lubricants	Yes
Stabile emulsions	Yes, consult factory
Polyglycol coolants	Yes, consult factory

Type

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.0300.00.0000	ECOPLUS 300
05E.0300.00.0000	ECOPLUS 300 PG

Dimensional sketch:

