

Oil separator series OS

Features

- Three different construction styles:
 - Hermetic
 - Top flange
 - Bottom flange with support bracket
- Stainless steel needle valve and floater
- Permanent magnet to catch iron particles out of the system
- Corrosion-resistant epoxy powder coating
- ODF Copper fittings for easy brazing
- Temperature range TS: -10°C ... +150°C
- Max. allowable pressure PS: 31 bar
- **CE** marking according PED
- **UL** US LISTED pending



OSH



OST



OSB

Type code

OS X - X XX

Product Name ODF
Oil Separator Ö

Construction
H Hermetic
T Top Flange
B Bottom Flange with supporter

Nominal Shell Diameter

4 ~ 10 cm
6 ~ 15 cm

ODF Connection
04 1/2"
05 5/8" (16 mm)
07 7/8" (22 mm)
09 1-1/8"
11 1-3/8" (35 mm)
13 1-5/8"
17 2-1/8" (54 mm)

Selection table

A1

Type	Part No.	Connection ODF		Nominal Capacity (kW)								Volume (l)
		(Inch)	(mm)	R407C	R134a	R404A/ R507	R448A	R449A	R450A	R513A	R452A	
OSH-404	881598	1/2"		7.0	4.9	7.3	7.4	7.9	4.6	4.7	TBD	2.0
OSH-405	881599	5/8"	16	18.7	13.1	19.4	18.8	20.1	11.7	12.1	TBD	2.4
OSH-407	881600	7/8"	22	28.1	19.7	29.0	29.9	32.1	18.6	19.2	TBD	2.8
OSH-409	881792	1-1/8"		37.4	26.2	38.7	40.9	43.9	25.4	26.3	TBD	3.0
OSH-411	881794	1-3/8"	35	46.8	32.8	48.4	49.3	52.9	30.7	31.7	TBD	3.6
OSH-611	881940	1-3/8"	35	65.5	45.9	67.8	68.7	73.6	42.7	44.1	TBD	3.6
OSH-413	881856	1-5/8"		51.5	36.1	53.3	60.6	65.0	37.7	38.9	TBD	6.5
OSH-613	881953	1-5/8"		65.5	45.9	67.8	71.7	76.8	44.5	46.0	TBD	7.9
OSH-642	889022		42	65.5	45.9	67.8	71.7	76.8	44.5	46.0	TBD	7.9
OSH-617	881970	2-1/8"	54	105.3	73.8	108.9	108.7	116.5	67.5	69.8	TBD	7.9
OST-404	881860	1/2"		7.0	4.9	7.3	7.4	7.9	4.6	4.7	TBD	1.8
OST-405	881861	5/8"	16	18.7	13.1	19.4	18.8	20.1	11.7	12.1	TBD	2.6
OST-407	881862	7/8"	22	28.1	19.7	29.0	29.9	32.1	18.6	19.2	TBD	3.2
OST-409	881863	1-1/8"		37.4	26.2	38.7	40.9	43.9	25.4	26.3	TBD	3.8
OST-411	881938	1-3/8"	35	46.8	32.8	48.4	49.3	52.9	30.7	31.7	TBD	3.8
OST-413	881939	1-5/8"		65.5	45.9	67.8	68.7	73.6	42.7	44.1	TBD	3.8
OSB-613	881971	1-5/8"		65.5	45.9	67.8	71.7	76.8	44.5	46.0	TBD	7.8
OSB-617	881972	2-1/8"	54	105.3	73.8	108.9	108.7	116.5	67.5	69.8	TBD	7.8

Note: *) Applied higher module as required

Selection table

A2L

Type	Part No.	Connection ODF		Nominal Capacity (kW)							Volume (l)
		(Inch)	(mm)	R1234ze	R455A	R452B	R1234yf	R454A	R454B	R454C	
OSH-404-L	881601	1/2"		3.9	6.5	10.3	4.5	6.5	8.9	5.7	2.0
OSH-405-L	881602	5/8"	16	9.9	14.9	23.8	10.4	15	20.4	13.1	2.4
OSH-407-L	881603	7/8"	22	15.8	26.4	42.1	18.3	26.5	36	23.2	2.8
OSH-409-L	881604	1-1/8"		21.6	36.1	57.6	25.1	36.3	49.3	31.8	3.0
OSH-411-L	881605	1-3/8"	35	26	43.6	69.4	30.3	43.7	59.4	38.3	3.6
OSH-413-L	881607	1-5/8"		32	-	-	-	-	-	-	6.5
OST-404-L	881611	1/2"		3.9	6.5	10.3	4.5	6.5	8.9	5.7	1.8
OST-405-L	881612	5/8"	16	9.9	14.9	23.8	10.4	15	20.4	13.1	2.6
OST-407-L	881613	7/8"	22	15.8	26.4	42.1	18.3	26.5	36	23.2	3.2
OST-409-L	881614	1-1/8"		21.6	36.1	57.6	25.1	36.3	49.3	31.8	3.8
OST-411-L	881615	1-3/8"	35	26	43.6	69.4	30.3	43.7	59.4	38.3	3.8
OST-413-L	881616	1-5/8"		36.2	46.5	74.1	32.3	46.7	63.4	40.9	3.8

Spare part

Part No.	Description
808800	Gasket set for OSB/OST