






Suction accumulators with heat exchanger										
Type	Model	Ø D, mm	H, mm	A, mm	In/Out LP ^[1]	In/Out HP ^[2]	Volume, dm ³	Notes		
 <p>Cu-St WELD 28bar SERIES 45bar SERIES</p>	FP-AS(MP)-HE-12,0-218	190	563	338	2 1/8" ODS(Cu)	5/8" ODS(Cu)	12.0	Draw. 17		
	FP-AS(MP)-HE-12,0-258	190	567	338	2 1/8" ODS(Cu)	5/8" ODS(Cu)	12.0			
 <p>Cu-St WELD 28bar SERIES 45bar SERIES</p>	FP-AS(MP)-HE-25,0-218	240	677	455	2 1/8" ODS(Cu)	3/4" ODS(Cu)	25.0	Draw. 18		
	FP-AS(MP)-HE-25,0-258	240	677	455	2 5/8" ODS(Cu)	3/4" ODS(Cu)	25.0			
	FP-AS(MP)-HE-45,0-218	325	658	414	2 5/8" ODS(Cu)	7/8" ODS(Cu)	45.0			
	FP-AS(MP)-HE-45,0-318	325	658	414	3 1/8" ODS(Cu)	7/8" ODS(Cu)	45.0			

OIL SEPARATORS

Oil separators are used to separate oil dissolved in refrigerant in order to return it to compressor's crankcase. Effectiveness of FP oil separators is more than 90% which increases system's productivity by preventing excessive oil circulation.

Oil separators										
Type	Model	Ø D, mm	H, mm	A, mm	B, mm	In/Out	ORP ^[3] , inch	Volume, dm ³	OSP ^[4] , l	Notes
 <p>Cu-St WELD 28bar SERIES 45bar SERIES</p>	FP-OS(MP)-2,0-012	102	319	55	–	1/2" ODS(Cu)	3/8 SAE	2.0	0.5	Draw. 21 Table 1 Table 2 Chart 1
	FP-OS(MP)-2,0-058	102	319	55	–	5/8" ODS(Cu)	3/8 SAE	2.0	0.5	
	FP-OS(MP)-3,5-078	102	520	55	–	7/8" ODS(Cu)	3/8 SAE	3.5	0.5	
	FP-OS(MP)-3,5-118	102	520	55	–	1 1/8" ODS(Cu)	3/8 SAE	3.5	0.5	
	FP-OS(MP)-5,0-118	133	436	70	–	1 1/8" ODS(Cu)	3/8 SAE	5.0	1.0	
	FP-OS(MP)-5,0-138	133	442	70	–	1 3/8" ODS(Cu)	3/8 SAE	5.0	1.0	
	FP-OS(MP)-7,0-138	159	441	90	–	1 3/8" ODS(Cu)	3/8 SAE	7.0	1.5	
 <p>Cu-St WELD 28bar SERIES 45bar SERIES</p>	FP-OS(MP)-7,0-158	159	443	90	–	1 5/8" ODS(Cu)	3/8 SAE	7.0	1.5	Draw. 22 Draw. 23, 6 Table 1 Chart 1
	FP-OS(MP)-12-218	190	546	145	320	2 1/8" ODS(Cu)	3/8 SAE	12.0	1.75	
	FP-OS(MP)-25-218	240	680	166	455	2 1/8" ODS(Cu)	3/8 SAE	25.0	2.5	
	FP-OS(MP)-25-258	240	680	166	455	2 5/8" ODS(Cu)	3/8 SAE	25.0	2.5	
FP-OS(MP)-45-258	325	655	166	411	2 5/8" ODS(Cu)	3/8 SAE	45.0	2.5		

Oil separators for CO ₂											
Type	Model	Ø D, mm	H, mm	A, mm	B, mm	C, mm	LSP ^[5] , inch	In/Out, mm	ORP ^[3] , mm	Volume, dm ³	Notes
 <p>130bar SERIES</p>	FP-OS(HP130)-5	114	776	260	652	138	1 1/4	28(St)	10	5.0	Draw. 24, 19, 20
	FP-OS(HP130)-12	159	844	242	707	171	1 1/4	35(St)	10	12.0	
	FP-OS(HP130)-30	219	1129	253	711	183	1 1/4	54(St)	10	30.0	

NOTES: LP^[1] – Low pressure;
 HP^[2] – High pressure;
 ORP^[3] – Oil return por;
 OSP^[4] – Oil separator pre-charge;
 LSP^[5], 1 1/4" – Level sensor port;

Cu – Copper connections;
 St – Steel connections.