



Annex 1-C
Technical Specifications – Lot 3

- 1) **Suction line liquid accumulator and heat exchanger -10°C evaporation 40°C condensation**
Quantity: 15 Units

Title	Option 1	Option 2	Option 3
Suction line liquid accumulator P/N	FA-16W (R290) preferable slightly smaller model	VA 446SRD / 470094	LCYE 25 MMS (R290)
Clamp	to be provided by beneficiary		
suction line heat exchanger P/N	already included in suction line accumulator	HX3 (2.24 KW)	already included in suction line accumulator
Description	Suction line liquid accumulator	Suction line liquid accumulator	Suction line liquid accumulator
Approvals	EN 13463-1:20009, 94/9 EU ATEX-Cat 2 Zone 2	EN 13463-1:20009, 94/9 EU ATEX-Cat 2 Zone 2	EN 13463-1:20009, 94/9 EU ATEX-Cat 2 Zone 2
Electrical connection			
Tension (V)	N/A	N/A	N/A
Freq (Hz)	N/A	N/A	N/A
Design			
Connections	Parallel top	3/4"	
Inlet size (mm)	16	3/4"	16
Outlet size (mm)	16		16
Heat exchanger suction line (mm)	16	11/8"	10
Heat exchanger liquid line (mm)	16	1/2"	10
Material valve	Mild steel		Mild steel
Connection type	Solder, ODF		Solder, ODF
max. working pressure (bar)	31	20.7	46
Temperature range (°C)			-40/ +100°C
Weight (with coil) (kg)	-50 / +100 (Max allowable pressure)	2	2.49
Max. height (mm)	2.4	273	365
Max. diameter (mm)	261	102	109
Hot gas defrost	125	..	yes
Volume app. (dm3)	yes	2.23	3.41
Refrigerant	R290	R290	R290



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Accessories			
description	clamp	clamp	clamp
Working range			
Evaporation temperature (°C)	-10	-10	-10
Condensing temperature (°C)	40	40	40
Ambient temperature (°C)	32	32	32
Placement	Inside supermarket	Inside supermarket	Inside supermarket
Nominal Capacity for selection (KW)	1.64	1.64	1.64
Useful superheat (K)	8	8	8
Static superheat (°C)	4	4	4
Subcooling (K)	4	4	4
Velocity (m/s)	< 1	< 1	< 1