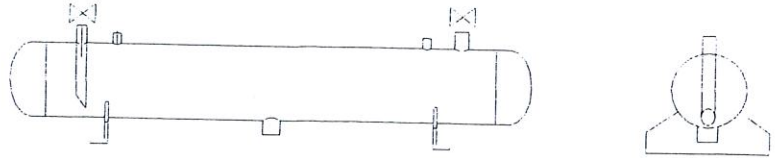


YLR YUCON LIQUID RECEIVERS

Yucun liquid receivers are manufactured from the best available materials. Yucun is able to offer economy, quality and performance.



YLR LIQUID RECEIVER CAPACITIES 80% FULL FOR R22 AT A LIQUID TEMPERATURE OF 32 °C

Overall Length (mm)	Nominal Shell Diameter (mm)								
	150	200	250	300	350	400	450	500	600
400	6	11	17	24	29	38	49	60	88
600	9	16	26	37	44	58	73	90	132
800	12	21	34	49	58	77	98	120	176
1000	15	27	43	61	73	96	122	150	220
1200	18	32	51	73	87	115	147	180	263
1400	21	37	60	85	102	134	171	210	307
1600	24	43	68	97	116	153	196	240	351
1800	27	48	77	110	131	173	220	271	395
2000	30	54	85	122	145	192	245	301	439
2200	33	59	94	134	160	211	269	331	483
2400	36	64	102	146	174	230	294	361	527
2600	39	70	111	158	189	249	318	391	571
2800	42	75	119	170	203	269	343	421	615
3000	45	80	128	183	218	288	367	451	659
3200	48	86	136	195	232	307	392	481	703
3400	51	91	145	207	247	326	416	511	746
3600	54	96	153	219	261	345	440	541	790
3800	57	102	162	231	276	364	465	571	834
4000	59	107	170	243	290	384	489	601	878

Selection Example:

Refrigeration Duty: 85kW at -10°C using R134a

We refer to the graph below on the medium temperature line at 85kW and read off 100Lts.

This needs to be multiplied by the correction factor for R134 of 0,9 which gives:

R134a	0,9
R22	0,8
R502	1,1

0,9 x 100 = 90Lts

The size of the vessel required is thus 90Lts. In the table this can be satisfied by any one of the following:

- YLR 250/2400
- or YLR 300/1600
- or YLR 350/1400
- or YLR 400/1000

Care must be taken when long pipe runs or other unusual circumstances are present.

Code of Manufacture

All receivers are designed and manufactured in accordance with the RSA CIF 81 98 A 00 Pressure vessel and boiler code. A certificate of "Construction and Test" is supplied with each vessel.

Main Shell

The main shell is manufactured from carbon steel and welded by coded welders, according to strict procedures.

Pressure Testing

All vessels are pressure tested twice for mechanical strength and leakage, and witnessed by a government approved inspection authority.

Standard Fittings

Standard fittings are inlet and outlet valves, purge valve, relief valve and feet.

Optional Fittings

- Sight Glass
- Float Control
- Compressor Mountings
- Any Other connections

