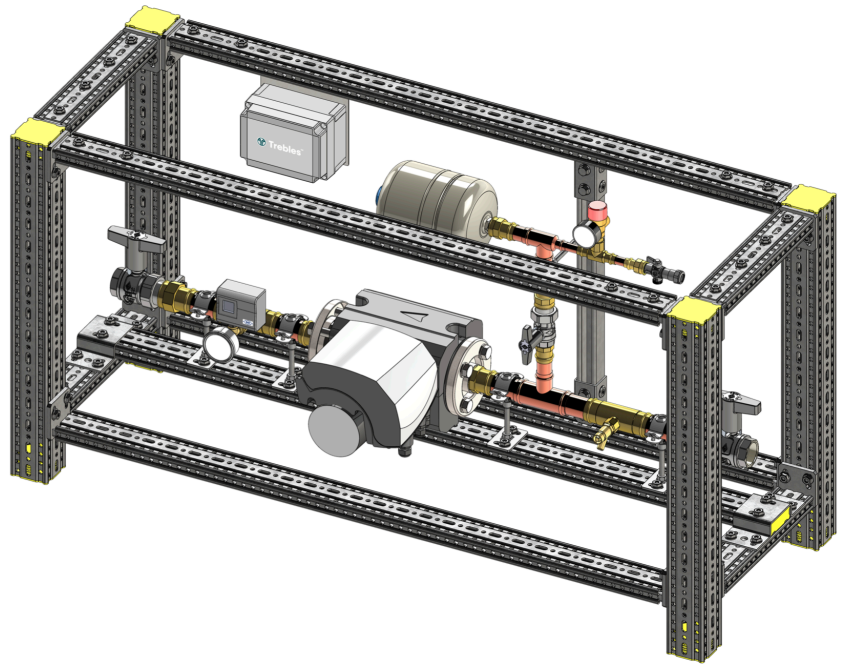


# RAC

## RUN AROUND COIL PACKAGES

Trebles RAC pump packages are a pre-fabricated solution for use in sealed cooling systems in conjunction with air handling units. Incorporating a circulation pump, pressure vessel, low pressure switch, safety valve and other associated ancillaries all housed within a Galvanised Steel frame, a Trebles RAC unit can greatly reduce time spent on site during installation.



The pump is controlled via a 0-10V signal from the air handling unit to ensure perfect synchronisation and features built in dry run protection and a automatic air purge function. The RAC pump package also includes a control box, pre-wired for 0-10V signal input, remote start/stop, pump alarm and a low pressure switch. Once installed, a RAC unit can be left unattended for prolonged periods of time with minimal maintenance.

When plant room space is at a premium, the enclosed option facilitates external installation, protecting the equipment with a Marine Grade Aluminium enclosure that is easily removable for future service & maintenance.

- ✓ High Efficiency Circulator
- ✓ Single Pump
- ✓ 4L Pressure Vessel
- ✓ Safety Relief Valve
- ✓ Low Pressure Switch
- ✓ Pressure Gauge
- ✓ 0-10V Signal Operation
- ✓ Dry Run Protection
- ✓ Auto Air Purge
- ✓ Free Standing
- ✓ Weatherproof Option
- ✓ 2 Year Guarantee

		5300	5310
General	Mounting	Standard - Open	Enclosed - Weatherproof
	Pressure Rating	10 BAR	
Materials	Frame	Galvanised Steel	
	External Sheets	-	Aluminium 5251
	Pipework	Copper	
	Valves	Nickel Plated Brass	
	Fittings	Copper / Brass / Stainless Steel	
Operating Conditions	Ambient Temperature	0°C / 40°C	
	Water Temperature	-10°C / 110°C	
Pressure Vessel	Capacity	4 Litres	
	Max Pressure	10 BAR	
	Test Pressure	15 BAR	

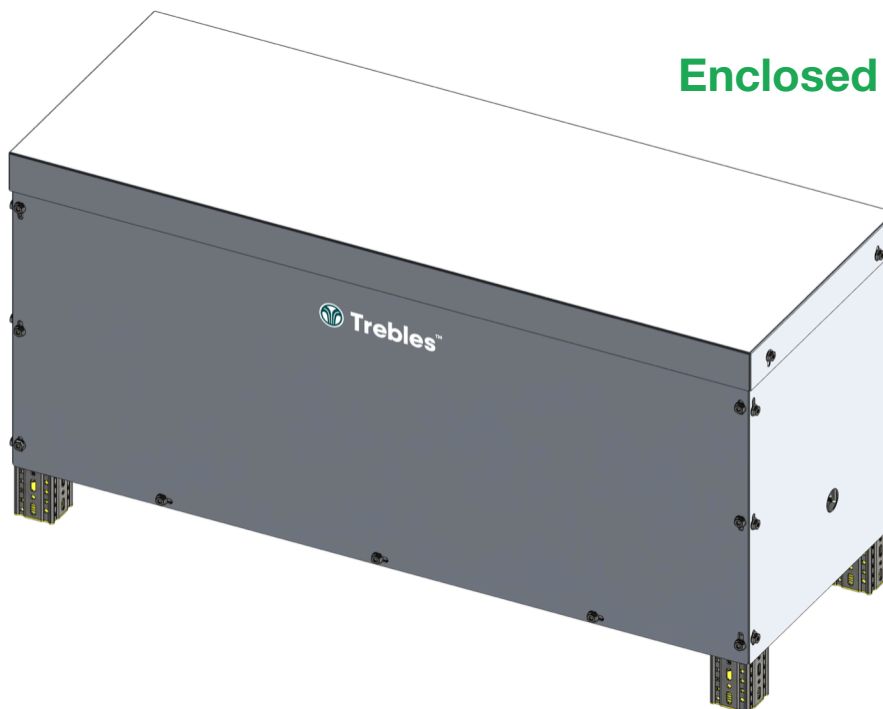
5301 / 5311		25-40	25-60	25-80	25-100
Connections	Inlet	1" Female BSP			
	Outlet	1" Female BSP			
Electrical	Supply	230/1/50			
	Power (W)	50	100	193	231
	Full Load Current (A)	0.5	1	1.4	1.7
Weight (Kg)	5301	90		95	
	5311	115		120	

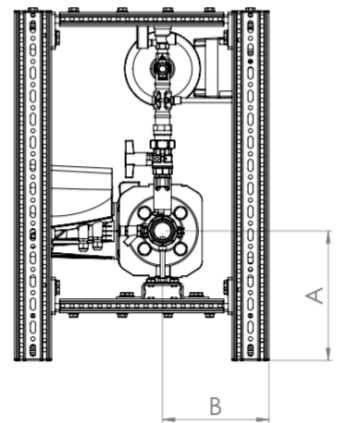
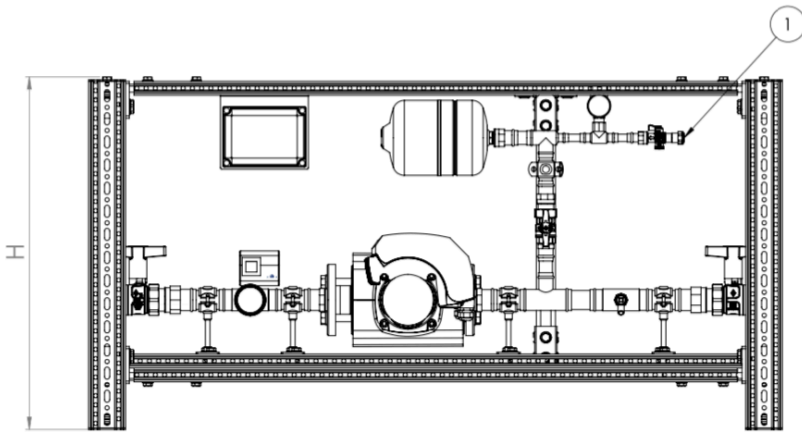
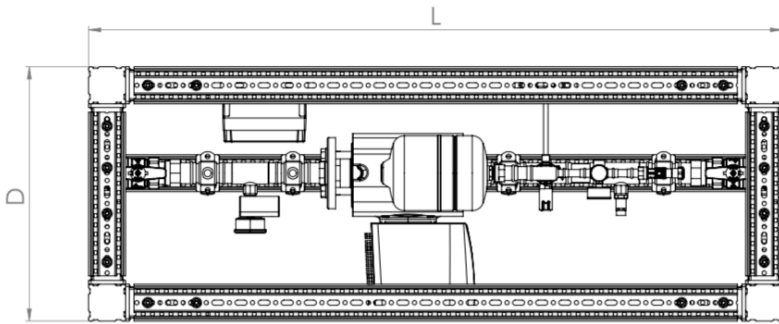
5302 / 5312		32-40	32-60	32-80	32-100	32-120F
Connections	Inlet	1-1/4" Female BSP				
	Outlet	1-1/4" Female BSP				
Electrical	Supply	230/1/50				
	Power (W)	50	100	191	233	549
	Full Load Current (A)	0.5	1	1.4	1.7	2.4
Weight (Kg)	5302	93		98		104
	5312	118		123		129

5303 / 5313		40-80F	40-100F	40-120F	40-150F	40-180F
Connections	Inlet	1-1/2" Female BSP				
	Outlet	1-1/2" Female BSP				
Electrical	Supply	230/1/50				
	Power (W)	356	455	544	637	823
	Full Load Current (A)	1.6	2.1	2.4	2.9	3.7
Weight	5303	109			113	
	5313	134			138	

5304 / 5314		50-80F	50-100F	50-120F	50-150F	50-180F
Connections	Inlet	2" Female BSP				
	Outlet	2" Female BSP				
Electrical	Supply	230/1/50				
	Power (W)	377	493	892	1150	1470
	Full Load Current (A)	1.7	2.2	4.0	5.1	6.9
Weight	5304	122			128	
	5314	150			156	

### Enclosed Version





SERIES	LINE / PUMP SIZE	L	H	D	A	B
5301	DN25	1500	762	550	270	230
5302	DN32				280	
5303	DN40				300	
5304	DN50	1700	812			
5311	DN25	1533	765	573	270	
5312	DN32				280	
5313	DN40				300	
5314	DN50				1733	

NOTE	DESCRIPTION
1	Filling Loop Connection