

MANUFACTURING BOM - Basic model

ITEM	DESCRIPTION	PART NUMBER	QTY	UNIT COST	NZ SUPPLIER	PRICE (NZD)	Price (USD)	Supply industry
1	25mm BSP Female Tee	(T25F)	3	2.97	The Water Sprinkler Shop	8.91	5.35	Irrigation/plumbing
2	25mm BSP Female Elbow	(7208/25)	2	2.25	The Water Sprinkler Shop	4.50	2.70	Irrigation/plumbing
3	25mm BSP Male Nipple	(NP-25)	6	0.91	The Water Sprinkler Shop	5.46	3.28	Irrigation/plumbing
4	12V 25mm normally closed solenoid valves	(SV25-12)	2	30.36	The Water Sprinkler Shop	60.72	36.43	Irrigation/plumbing
5	25x15mm Reducing Bush	HRB2515	4	1.77	Irrigation Express	7.08	4.25	Irrigation/plumbing
6	Tank fittings	HTFFT25	4	7.41	Irrigation Express	29.64	17.78	Irrigation/plumbing
7	Solenoid valve, EVR 6 - normally open	032L8085	1	72.5	Philip Smith	72.50	43.50	Electrical supplies
8	Solenoid coil, BE230AS	018F6701	1	72.5	Philip Smith	72.50	43.50	Electrical supplies
9	Large particle filter	8-16/9W4P	1	1.9	Irrigation Express	1.90	1.14	Irrigation/plumbing
10	Temp/Humidity sensor	DHT12	1	14.9	Jaycar	14.90	8.94	Electronic supplies
11	Digital barometric pressure sensor	BMP180	2	22.9	Jaycar	45.80	27.48	Electronic supplies
12	Raspberry Pi 3B+	3B+	1	65	Jaycar	65.00	39.00	Electronic supplies
13	Raspberry Pi shield and ADC	XC9050	1	17.9	Jaycar	17.90	10.74	Electronic supplies
14	Raspberry Pi GPIO expansion	XC9040	1	16.9	Jaycar	16.90	10.14	Electronic supplies
15	Relay board 4 ch 12v	XC4419	1	17.9	Jaycar	17.90	10.74	Electronic supplies
16	PS with battery SLA 12v 6Ah	SB2485	1	36.9	Jaycar	36.90	22.14	Electronic supplies
17	DC-DC voltage regulator (variable)	XC4514	1	10.9	Jaycar	10.90	6.54	Electronic supplies
18	Fuelmiser Air Flow Sensor	VDO - CAF034	2	40	Repco	80.00	48.00	Automotive parts warehouse
19	Cabinet	22" toolbox	1	30	Bunnings	40.00	24.00	
Total cost						609.41	365.65	