



Hotstream

Electric Continuous Hot Water System

TEMPERATURE RISE

For various flow rates and element wattage

Flow rate (ltrs/m in)	4/1	6/1	7/1	8/1	8/2	10/2
	4	6	7	8	8	10
1.5	38.2	57.3	66.8	76.4	76.4	95.5
1.6	35.8	53.7	62.6	71.6	71.6	89.5
1.7	33.7	50.5	59.0	67.4	67.4	84.2
1.8	31.8	47.7	55.7	63.6	63.6	79.6
1.9	30.1	45.2	52.7	60.3	60.3	75.4
2.0	28.6	42.9	50.1	57.3	57.3	71.6
2.1	27.2	40.9	47.7	54.5	54.5	68.2
2.2	26.0	39.0	45.5	52.1	52.1	65.1
2.3	24.9	37.3	43.6	49.8	49.8	62.3
2.4	23.8	35.8	41.7	47.7	47.7	59.7
2.5	22.9	34.3	40.1	45.8	45.8	57.3
2.6	22.0	33.0	38.5	44.0	44.0	55.1
2.7	21.2	31.8	37.1	42.4	42.4	53.0
2.8	20.4	30.7	35.8	40.9	40.9	51.1
2.9	19.7	29.6	34.5	39.5	39.5	49.4
3.0	19.1	28.6	33.4	38.2	38.2	47.7
3.1	18.4	27.7	32.3	36.9	36.9	46.2
3.2	17.9	26.8	31.3	35.8	35.8	44.7
3.3	17.3	26.0	30.3	34.7	34.7	43.4
3.4	16.8	25.2	29.5	33.7	33.7	42.1
3.5	16.3	24.5	28.6	32.7	32.7	40.9

- The electric heating element operates at a constant rate, the temperature of the water being varied by adjusting the flow rate by means of the fine tune temperature control. The greater the flow the cooler the water and vice versa. The relationship between the flow rate and the temperature rise is shown above (At rated operating voltage). Note that +/- 4% voltage equals +/-8% Wattage.



INSA PIPE INDUSTRIES LTD

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Flow rate (ltrs/m in)	4/1	6/1	7/1	8/1	8/2	10/2
	4	6	7	8	8	10
3.6	15.9	23.8	27.8	31.8	31.8	39.8
3.7	15.4	23.2	27.1	30.9	30.9	38.7
3.8	15.0	22.6	26.3	30.1	30.1	37.7
3.9	14.6	22.0	25.7	29.3	29.3	36.7
4.0	14.3	21.4	25.0	28.6	28.6	35.8
4.1	13.9	20.9	24.4	27.9	27.9	34.9
4.2	13.6	20.4	23.8	27.2	27.2	34.1
4.3	13.3	19.9	23.3	26.6	26.6	33.3
4.4	13.0	19.5	22.7	26.0	26.0	32.5
4.5	12.7	19.1	22.2	25.4	25.4	31.8
4.6	12.4	18.6	21.8	24.9	24.9	31.1
4.7	12.1	18.2	21.3	24.3	24.3	30.4
4.8	11.9	17.9	20.8	23.8	23.8	29.8
4.9	11.6	17.5	20.4	23.3	23.3	29.2
5.0	11.4	17.1	20.0	22.9	22.9	28.6
5.1	11.2	16.8	19.6	22.4	22.4	28.0
5.2	11.0	16.5	19.2	22.0	22.0	27.5
5.3	10.8	16.2	18.9	21.6	21.6	27.0
5.4	10.6	15.9	18.5	21.2	21.2	26.5
5.5	10.4	15.6	18.2	20.8	20.8	26.0
5.6	10.2	15.3	17.9	20.4	20.4	25.5
5.7	10.0	15.0	17.5	20.1	20.1	25.1
5.8	9.8	14.8	17.2	19.7	19.7	24.7
5.9	9.7	14.5	17.0	19.4	19.4	24.2
6.0	9.5	14.3	16.7	19.1	19.1	23.8

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