

Technical Data:

1.1 Products parameter

Model type	JNSC15-58/1800	JNSC18-58/1800	JNSC20-58/1800	JNSC24-58/1800	JNSC30-58/1800
No. of collector pipes	15	18	20	24	30
Tube diameter(OD)	58mm	58mm	58mm	58mm	58mm
Panel area	2.3128m ²	2.7538m ²	3.0478m ²	3.6358m ²	4.5178m ²
L×W×H (mm)	1960*1180*125	1960*1405*125	1960*1555*125	1960*1855*125	1960*205*125
Weight (kgs)	52kgs	62kgs	71kgs	88kgs	112kgs
Fluid content	1.2L	1.4L	1.6L	1.9L	2.3L
angle of inclination	45	45	45	45	45
max. temp °C	260	260	260	260	260
permissible operating pressure	12bar	12bar	12bar	12bar	12bar
test pressure	0.6MPA	0.6MPA	0.6MPA	0.6MPA	0.6MPA
manifold connection diameter	3/4"	3/4"	3/4"	3/4"	3/4"
Coating of the vacuum tube	ALN/AIN-SS/CU	ALN/AIN-SS/CU	ALN/AIN-SS/CU	ALN/AIN-SS/CU	ALN/AIN-SS/CU

1.2 Table of pressure drop data in Pa

Conditions:

T_m = 20 °C

a) For 15 tube solar collector

Flow rate [l/h]	0	100	200	300	400	500
Pressure drop [Pa]	0	102	286	561	910	1347

b) For 30 tube solar collector

Flow rate [l/h]	0	100	200	300	400	500
Pressure drop [Pa]	0	301	676	1120	1631	2218