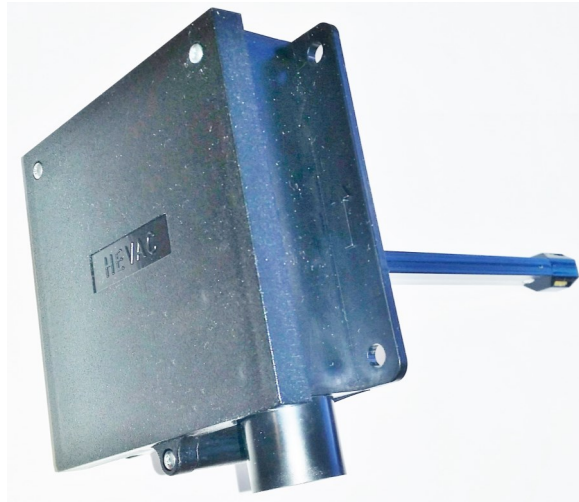# SDT SERIES

SDT- D

DUCT MOUNTED TEMPERATURE SENSOR

*The **SDT-D** is a DUCT mountable temperature sensor. It is suitable for use with all the digital HTC series temperature controllers.*

*Constructed from high impact ABS plastic, the **SDT-D** can be used in all types of Ductwork.*

A 20mm Conduit entry is available on the bottom of the Housing, allowing for easy electrical installation with either solid or flexible conduit.

Features

❏ Australian made and designed.

❏ Suitable for mounting in all types of Ductwork.

❏ Housing designed with large flange for easier mounting.

❏ Hi-Tech probe allowing for fast or slow air flow sensing.

❏ IP 54 Enclosure Class Rating.

❏ Made from high impact UV stabilised Black ABS.

❏ Compatibility to all analogue HTC series controllers.

SDTD.P1.21/10/2002

Technical Specifications

Probe Length	*200 Millimetres*
Duct Hole Size	*20 Millimeters*
Thermistor characteristics	*PTC 2000 ohms at 25 Degrees Centigrade*
Housing material	*UV Stabilised ABS-Plastic*
Housing Colour	*Black*
Enclosure Class Rating	*IP 54*
Cable Entry (Solid or Flexible Conduit)	*20 Millimetre Conduit Entry*

Dimensions

ALL DIMENSIONS IN MILLIMETRES   *7G X 45mm RECOMMENDED SCREW SIZE*

Thermistor Resistance Characteristics

TEMP	OHMS	TEMP	OHMS	TEMP	OHMS	TEMP	OHMS
5.0	6187	14.0	4970	23.0	4145	32.0	3574
6.0	6027	15.0	4862	24.0	4071	33.0	3522
7.0	5874	16.0	4759	25.0	4000	34.0	3472
8.0	5727	17.0	4660	26.0	3932	35.0	3424
9.0	5587	18.0	4565	27.0	3866	36.0	3378
10.0	5454	19.0	4474	28.0	3803	37.0	3334
11.0	5324	20.0	4387	29.0	3742	38.0	3291
12.0	5201	21.0	4303	30.0	3684	39.0	3250
13.0	5083	22.0	4222	31.0	3628	40.0	3211