

STANCOR Disc Thermostats



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DISC THERMOSTATS, LIMIT CONTROLS & FAN CONTROLS

Features:

1/2" Snap Action Disc Thermostats:

- Loose ring, stainless mounting brackets
- 1/4" quick connect termination
- Automatic reset
- Enclosed disc
- Aluminum disc cup

Snap Disc Fan Controls:

- Designed for quick on-job replacement
- Mounting holes match standard 3/4" snap discs

Adjustable Snap Disc Fan & Limit Controls:

- 1/4" quick connect terminals are standard
- Reduces inventory while providing coverage for a wide range of temperature applications
- Replaces the majority of fixed disc thermostats now on heating equipment and various appliances

Advantages:

- Proven reliability in a compact, versatile, cost-effective design
- High speed contact separation provides long contact life
- Statistical process control of manufacturing assures high product quality levels
- Controls are 100% operation checked
- UL/CSA certified

Limit Controls:

- Proven reliability in a compact, versatile, cost-effective design
- Provides high-speed contact separation

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Stancor Part No.	Fig.	Open	Closes	Function	Price Each			
						1	10	50	100
1/2" Snap Action Disc Thermostat, Operating Specifications									
802-STO-60	STO-60	A	60 ±5°F	40 ±6°F	Open on Rise	4.53	4.41	4.30	4.05
802-STO-85	STO-85	A	85 ±5°F	70 ±6°F	Open on Rise	4.53	4.41	4.30	4.05
802-STC-100	STC-100	A	70 ±5°F	100 ±7°F	Close on Rise	4.53	4.41	4.30	4.05
802-STO-110	STO-110	A	110 ±5°F	80 ±7°F	Open on Rise	4.53	4.41	4.30	4.05
802-STC-120	STC-120	A	90 ±8°F	120 ±7°F	Close on Rise	4.53	4.41	4.30	4.05
802-STO-120	STO-120	A	120 ±5°F	90 ±8°F	Open on Rise	4.53	4.41	4.30	4.05
802-STC-140	STC-140	A	110 ±5°F	140 ±7°F	Close on Rise	4.53	4.41	4.30	4.05
802-STO-140	STO-140	A	140 ±7°F	110 ±8°F	Open on Rise	4.53	4.41	4.30	4.05
802-STO-150	STO-150	A	150 ±5°F	120 ±8°F	Open on Rise	4.53	4.41	4.30	4.05
802-STO-160	STO-160	A	160 ±5°F	130 ±8°F	Open on Rise	4.53	4.41	4.30	4.05
802-STO-170	STO-170	A	170 ±5°F	140 ±8°F	Open on Rise	4.53	4.41	4.30	4.05
802-STC-170	STC-170	A	140 ±5°F	170 ±8°F	Close on Rise	4.53	4.41	4.30	4.05
802-STO-175	STO-175	A	175 ±5°F	160 ±6°F	Open on Rise	4.53	4.41	4.30	4.05
802-STO-180	STO-180	A	180 ±5°F	150 ±8°F	Open on Rise	4.53	4.41	4.30	4.05
802-STC180	STC-180	A	150 ±5°F	180 ±8°F	Close on Rise	4.53	4.41	4.30	4.05
802-STO-190	STO-190	A	190 ±5°F	160 ±8°F	Open on Rise	4.53	4.41	4.30	4.05
802-STO-210	STO-210	A	210 ±5°F	180 ±8°F	Open on Rise	4.53	4.41	4.30	4.05
802-STO-220	STO-220	A	220 ±6°F	190 ±8°F	Open on Rise	4.53	4.41	4.30	4.05
802-STC225	STC-225	A	195 ±5°F	225 ±8°F	Close on Rise	4.53	4.41	4.30	4.05
802-STO-230	STO-230	A	230 ±6°F	200 ±8°F	Open on Rise	4.53	4.41	4.30	4.05
802-STC-240	STC-240	A	140 ±11°F	240 ±11°F	Close on Rise	4.53	4.41	4.30	4.05
802-STO-250	STO-250	A	250 ±6°F	220 ±10°F	Open on Rise	4.53	4.41	4.30	4.05
802-STO-325	STO-325	A	325 ±10°F	275 ±15°F	Open on Rise	4.53	4.41	4.30	4.05
3/4" Snap Disc Limit Controls									
802-3L01-120	3L01-120	B	120 ±5°F	110 ±5°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-130	3L01-130	B	130 ±5°F	115 ±5°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-140	3L01-140	B	140 ±5°F	100 ±7°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-150	3L01-150	B	150 ±5°F	110 ±7°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-165	3L01-165	B	165 ±5°F	125 ±10°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-170	3L01-170	B	170 ±5°F	130 ±7°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-180	3L01-180	B	180 ±5°F	140 ±7°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-190	3L01-190	B	190 ±5°F	150 ±7°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-200	3L01-200	B	200 ±5°F	160 ±7°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-230	3L01-230	B	230 ±6°F	190 ±8°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-250	3L01-250	B	250 ±6°F	210 ±8°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-300	3L01-300	B	300 ±7°F	250 ±10°F	Open on Rise	5.92	5.71	5.35	4.92
802-3L01-350	3L01-350	B	350 ±10°F	310 ±15°F	Open on Rise	5.92	5.71	5.35	4.92
3/4" Limit Controls - Manual Reset									
802-3L02-160	3L02-160	C	160 ±5°F	Manual Reset	Open on Rise	9.65	9.11	8.53	7.86
802-3L02-170	3L02-170	C	170 ±5°F	Manual Reset	Open on Rise	9.65	9.11	8.53	7.86
802-3L02-180	3L02-180	C	180 ±5°F	Manual Reset	Open on Rise	9.65	9.11	8.53	7.86
802-3L02-190	3L02-190	C	190 ±5°F	Manual Reset	Open on Rise	9.65	9.11	8.53	7.86
802-3L02-200	3L02-200	C	200 ±5°F	Manual Reset	Open on Rise	9.65	9.11	8.53	7.86
3/4" Snap Disc Fan Controls									
802-3F01-110	3F01-110	D	90 ±5°F	110 ±5°F	Close on Rise	5.92	5.71	5.35	4.92
802-3F01-120	3F01-120	D	110 ±5°F	120 ±5°F	Close on Rise	5.92	5.71	5.35	4.92
802-3F01-130	3F01-130	D	115 ±5°F	130 ±5°F	Close on Rise	5.92	5.71	5.35	4.92
802-3F01-140	3F01-140	D	120 ±6°F	140 ±5°F	Close on Rise	5.92	5.71	5.35	4.92
802-3F01-150	3F01-150	D	130 ±6°F	150 ±5°F	Close on Rise	6.04	5.71	5.35	4.92
802-3F01-160	3F01-160	D	140 ±6°F	160 ±5°F	Close on Rise	6.04	5.71	5.35	4.92
802-3F01-180	3F01-180	D	160 ±5°F	180 ±5°F	Close on Rise	6.04	5.71	5.35	4.92
802-3F01-200	3F01-200	D	180 ±5°F	200 ±5°F	Close on Rise	6.04	5.71	5.35	4.92
802-3F01-350	3F01-350	D	320 ±8°F	350 ±12°F	Close on Rise	6.04	5.71	5.35	4.92

3/4" ADJUSTABLE SNAP DISC FAN & LIMIT CONTROLS

*With adapter bracket

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Stancor Part No.	Fig.	Temperature Range	Differential	Function	Price Each			
						1	10	50	100
802-3F05-2	3F05-2	E	140 to 180°F	20°F	Close on Rise	16.16	15.57	14.58	13.43
*802-3F05-3	3F05-3	E	90 to 130°F	20°F	Close on Rise	17.80	16.82	15.75	14.50
*802-3L05-4	3L05-4	E	135 to 175°F	40°F	Open on Rise	17.80	16.82	15.75	14.50
*802-3L05-5	3L05-5	E	175 to 215°F	40°F	Open on Rise	17.80	16.82	15.75	14.50
*802-3L05-6	3L05-6	E	210 to 250°F	40°F	Open on Rise	17.80	16.82	15.75	14.50
802-3L05-10	3L05-10	E	135 to 175°F	20°F	Open on Rise	16.48	15.57	14.58	13.43
802-3L05-13	3L05-13	E	250 to 290°F	40°F	Open on Rise	16.48	15.57	14.58	13.43

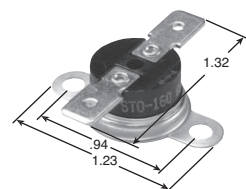
3/4" SPDT CONTROLS

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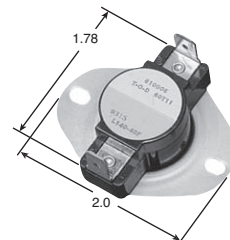
MOUSER STOCK NO.	Stancor Part No.	Fig.	Terminal 1 & 3		Terminal 1 & 2		Function	Price Each			
			Open on Rise		Close on Rise			1	10	50	100
			Opens	Closes	Opens	Closes					
802-3L03-140	3L03-140	F	140 ±5°F	120 ±5°F	120 ±5°F	140 ±5°F	SPDT	9.00	8.51	7.97	7.34
802-3L03-190	3L03-190	G	190 ±5°F	170 ±5°F	170 ±5°F	190 ±5°F	SPDT	9.00	8.51	7.97	7.34

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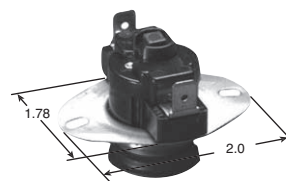
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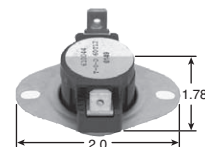
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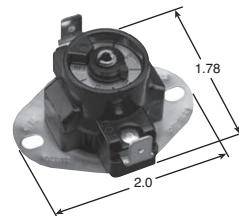
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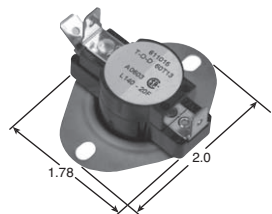
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