ComfortStar®
Air Conditioning & Heating Products

Sensors & Protectors — Master Reference Guide

Temperature Sensors, Pressure Switches & Pressure Sensors by Model Series

Consolidated from Technical Bulletins TB240620-1, TB240805-1 and TB240807-1

This guide consolidates the sensor and protector component codes, part names, and electrical/pressure specifications for all current ComfortStar residential and light-commercial split-system, packaged-unit, and condenser model series. Each part is identified by its component code, a plain-English part name, and a short reference tag matching the abbreviations used on the unit's control board and wiring diagram.

Abbreviation Legend

Ref.	Meaning
T2	Indoor Coil Temperature Sensor
T3	Outdoor Coil Temperature Sensor
T4	Outdoor Ambient Temperature Sensor
T5	Exhaust (Discharge Line) Temperature Sensor
TH	Return Gas Temperature Sensor
FT	Exhaust Temperature Switch
HPS	High Pressure Switch
LPS	Low Pressure Switch
PS	Pressure Sensor (Transducer)

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LUC Series

Component Code	Part Name / Function	Ref.	Specification
802433600036	Indoor Coil Temperature Sensor	**T2**	5 KΩ / 25°C

BAR & BAH Series

Component Code	Part Name / Function	Ref.	Specification
802300400078	Outdoor Ambient Temperature Sensor	**T4**	5 KΩ / 25°C
802339290006	Exhaust Temperature Sensor	**T5**	50 KΩ / 25°C
802300400097	Outdoor Coil Temperature Sensor	**T3**	5 KΩ / 25°C
802300900043	Low Pressure Switch (18–36k / 42–60k BTU models)	**LPS**	0.15 / 0.30 MPa

Component Code	Part Name / Function	Ref.	Specification
802300900041	High Pressure Switch (18–60k BTU models)	**HPS**	3.5 / 4.5 MPa
802301000009	Exhaust Temperature Switch	**FT**	80 / 120°C
802401601175	LPS Port Jumper — used on 18–36k BTU models with no LPS installed	—	N/A

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CWM4 Series

Component Code	Part Name / Function	Ref.	Specification
802300400092	Indoor Coil Temperature Sensor	**T2**	5 KΩ / 25°C

LUC4 Series

Component Code	Part Name / Function	Ref.	Specification
802300400135	Indoor Coil Temperature Sensor	**T2**	5 KΩ / 25°C

BAR4 & BAH4 Series

Component Code	Part Name / Function	Ref.	Specification
802339290006	Exhaust Temperature Sensor	**T5**	50 KΩ / 25°C
802332000001	Outdoor Coil Temperature Sensor	**T3**	5 KΩ / 25°C
802300400092	Return Gas Temperature Sensor	**TH**	5 KΩ / 25°C
802300400078	Outdoor Ambient Temperature Sensor	**T4**	5 KΩ / 25°C
802300900042	Low Pressure Switch	**LPS**	0.15 / 0.30 MPa
802300900041	High Pressure Switch	**HPS**	3.5 / 4.5 MPa

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BAR5 Series (also applies to LUC5, LCM5 & CWM5)

Component Code	Part Name / Function	Ref.	Specification
11201007000073	Outdoor Ambient Temperature Sensor — wire length 250 ± 10 mm	**T4**	10 KΩ / 25°C
11201007000113	Outdoor Coil Temperature Sensor — wire length 800 ± 25 mm	**T3**	10 KΩ / 25°C
17400516000032	High Pressure Switch	**HPS**	3.2 / 4.4 MPa

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AHH Series

Component Code	Part Name / Function	Ref.	Specification
802300400181	Indoor Coil Temperature Sensor	**T2**	5 KΩ / 25°C

MRR & MRH Series

Component Code	Part Name / Function	Ref.	Specification
802300400158	Exhaust Temperature Sensor	**T5**	50 KΩ / 25°C
802339290004	Outdoor Coil Temperature Sensor	**T3**	5 KΩ / 25°C
802339290005	Outdoor Ambient Temperature Sensor	**T4**	5 KΩ / 25°C
802300900041	High Pressure Switch	**HPS**	3.5 / 4.5 MPa
802446090001	LPS Port Jumper — used when no LPS installed	—	See note below

Note: the LPS Port Jumper spec shown as "3.5 / 4.5 MPa" in the original source data appears to be carried over from the High Pressure Switch row above it — a jumper wire has no pressure rating. Recommend confirming with the factory before publishing.

MRH-410-G Family — Additional Detail

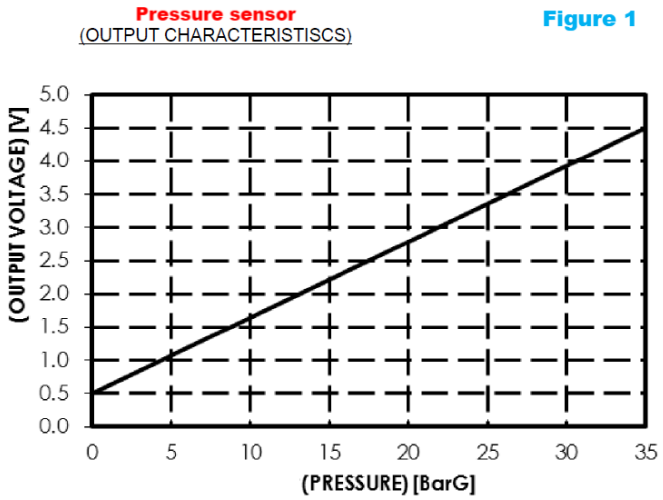
The MRH24-410-G, MRH36-410-G, MRH48-410-G, and MRH60-410-G models use the same T3, T4, T5, and HPS components listed above for the MRR & MRH series, plus a dedicated pressure sensor and pressure switch as detailed below.

Component Code	Part Name / Function	Ref.	Specification
802339090007	Pressure Sensor (Transducer)	**PS**	See output chart, Figure 1 below

Pressure Switch Detail

Model	On	Off	On–Off State	Shell Color	Wire Length
H20PS B 4.5/3.5	3.5 ± 0.2 MPa	4.5 ± 0.15 MPa	Normally Closed	Green	1000 ± 20 mm

Figure 1 — Pressure Sensor Output Characteristics



13.4 SEER Packaged Units

CPH Series

Component Code	Part Name / Function	Ref.	Specification
11201007000025	Outdoor Ambient Temperature Sensor — wire length 1000 ± 20 mm	**T4**	10 KΩ / 25°C
11201007000113	Outdoor Coil Temperature Sensor — wire length 800 ± 25 mm	**T3**	10 KΩ / 25°C

CDP Series

Component Code	Part Name / Function	Ref.	Specification
11201007000025	Outdoor Ambient Temperature Sensor — wire length 1000 ± 20 mm	**T4**	10 KΩ / 25°C
11201007000412	Outdoor Coil Temperature Sensor — wire length 2300 ± 50 mm	**T3**	10 KΩ / 25°C

13.4 SEER AC Condenser Units

MAH5 Series (also applies to LUC5 & LCM5)

Component Code	Part Name / Function	Ref.	Specification
11201007000073	Outdoor Ambient Temperature Sensor — wire length 250 ± 10 mm	**T4**	10 KΩ / 25°C
11201007000113	Outdoor Coil Temperature Sensor — wire length 800 ± 25 mm	**T3**	10 KΩ / 25°C
17400516000032	High Pressure Switch	**HPS**	3.2 / 4.4 MPa