



AVC/AVH VTAC Units

AVC093G25AXXXAA
AVC093G34AXXXAA
AVC093G50AXXXAA
AVC123G25AXXXAA
AVC123G34AXXXAA
AVC123G50AXXXAA
AVC183G25AXXXAA
AVC183G34AXXXAA
AVC183G50AXXXAA
AVC243G10AXXXAA
AVC243G25AXXXAA
AVC243G34AXXXAA
AVC243G50AXXXAA
AVC243G75AXXXAA
AVH093G25AXXXAA
AVH093G34AXXXAA
AVH093G50AXXXAA
AVH094G25AXXXAA
AVH094G34AXXXAA
AVH094G50AXXXAA
AVH123G25AXXXAA
AVH123G35AXXXAA
AVH123G50AXXXAA
AVH124G25AXXXAA
AVH124G34AXXXAA
AVH124G50AXXXAA
AVH183G25AXXXAA
AVH183G34AXXXAA
AVH183G50AXXXAA
AVH184G25AXXXAA
AVH184G34AXXXAA
AVH184G50AXXXAA
AVH243G10AXXXAA
AVH243G25AXXXAA
AVH243G34AXXXAA
AVH243G50AXXXAA
AVH243G75AXXXAA
AVH244G10AXXXAA
AVH244G25AXXXAA
AVH244G34AXXXAA
AVH244G50AXXXAA
AVH244G75AXXXAA

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This manual is to be used by qualified technicians only.

This manual replaces RP-A5355

Important Information

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Views shown are for parts illustrations only, not servicing procedures.

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example
M1 - Model#1
M2 - Model#2
M3 - Model#3

Goodman Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:

Homeowner Support
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

Part No:	Description:		
25018705	ASSY REVERSING VALVE (M24, M25, M26, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)	80102292	HEATER VPAK-A24 NXT 5.0KW 230V (M13, M29, M36)
		80102297	HEATER VPAK-A24 NXT 5.0KW 265V (M32, M41)
25018305	ASSY VALVE REVERSING (M15, M16, M17, M18, M19, M20, M21, M22, M23)	80102293	HEATER VPAK-A24 NXT 7.5KW 230V (M14, M37)
61080573	CAPACITOR 15/5 MF 440V 2.0 (M10, M11, M12, M13, M14, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)	80102298	HEATER VPAK-A24 NXT 7.5KW 265V (M42)
61080538	CAPACITOR 25/10 MF 370V 2.0 (M1, M2, M3, M15, M16, M17, M18, M19, M20)	80102171	MOTOR (M27, M28, M29, M30, M31, M32)
61080525	CAPACITOR 25/3.0 MF 370V 2.0 (M27, M28, M29, M30, M31, M32)	80102170	MOTOR(M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)
61080558	CAPACITOR 30/10 MF 370V 2.0 (M4, M5, M6, M21, M22, M23, M24, M25, M26)	80006870	MOTOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)
61080554	CAPACITOR 40/10MF 370V 2.0(M7, M8, M9)	80106900	MOTOR(M10, M11, M12, M13, M14, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)
61080530	CAPACITOR 40/5/ MF 370V 2.0 (M27, M28, M29, M30, M31, M32)	80106971	MOTOR (M27, M28, M29, M30, M31, M32)
61080580	CAPACITOR 50/5/370VAC 2.0 (M10, M11, M12, M13, M14, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)	80007600	NONFUSED DISCONNECT
61718125	COMPRESSOR KIT(M4, M5, M6, M21, M22, M23, M24, M25, M26)		
80074938	COMPRESSOR KIT(M7, M8, M9)		
80077118	COMPRESSOR KIT(M10, M11, M12, M13, M14, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)		
80077146	COMPRESSOR KIT(M15, M16, M17, M18, M19, M20)		
61718132	COMPRESSOR KIT(M27, M28, M29, M30, M31, M32)		
61718146	COMPRESSOR KIT(M1, M2, M3)		
60179904	CONDENSATE DRAIN VALVE		
80118600	CONTACTOR 240VAC COIL (M7, M8, M9, M10, M11, M12, M13, M14, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)		
62601008	E-CONTROL BOARD(M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)		
62601009	E-CONTROL BOARD(M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)		
80017090	HEATER VPAK-A NXT 2.5KW 230V (M1, M4, M7, M15, M21)		
80017102	HEATER VPAK-A NXT 2.5KW 265V (M18, M24)		
80017091	HEATER VPAK-A NXT 3.4KW 230V (M2, M5, M8, M16, M22)		
80017101	HEATER VPAK-A NXT 3.4KW 265V (M19, M25)		
80017092	HEATER VPAK-A NXT 5.0KW 230V (M3, M6, M9, M17, M23)		
80017100	HEATER VPAK-A NXT 5.0KW 265V (M20, M26)		
80102294	HEATER VPAK-A24 NXT 10.0KW 230V (M10, M33)		
80102299	HEATER VPAK-A24 NXT 10.0KW 265V (M38)		
80102290	HEATER VPAK-A24 NXT 2.5KW 230V (M11, M27, M34)		
80102295	HEATER VPAK-A24 NXT 2.5KW 265V (M30, M39)		
80102291	HEATER VPAK-A24 NXT 3.4KW 230V (M12, M28, M35)		
80102296	HEATER VPAK-A24 NXT 3.4KW 265V (M31, M40)		

Functional Parts

Part No: **Description:**

Expanded Model Nomenclature

M1 - AVC093G25AXXXAA
M2 - AVC093G34AXXXAA
M3 - AVC093G50AXXXAA
M4 - AVC123G25AXXXAA
M5 - AVC123G34AXXXAA
M6 - AVC123G50AXXXAA
M7 - AVC183G25AXXXAA
M8 - AVC183G34AXXXAA
M9 - AVC183G50AXXXAA
M10 - AVC243G10AXXXAA
M11 - AVC243G25AXXXAA
M12 - AVC243G34AXXXAA
M13 - AVC243G50AXXXAA
M14 - AVC243G75AXXXAA
M15 - AVH093G25AXXXAA
M16 - AVH093G34AXXXAA
M17 - AVH093G50AXXXAA
M18 - AVH094G25AXXXAA
M19 - AVH094G34AXXXAA
M20 - AVH094G50AXXXAA
M21 - AVH123G25AXXXAA
M22 - AVH123G35AXXXAA
M23 - AVH123G50AXXXAA
M24 - AVH124G25AXXXAA
M25 - AVH124G34AXXXAA
M26 - AVH124G50AXXXAA
M27 - AVH183G25AXXXAA
M28 - AVH183G34AXXXAA
M29 - AVH183G50AXXXAA
M30 - AVH184G25AXXXAA
M31 - AVH184G34AXXXAA
M32 - AVH184G50AXXXAA
M33 - AVH243G10AXXXAA
M34 - AVH243G25AXXXAA
M35 - AVH243G34AXXXAA
M36 - AVH243G50AXXXAA
M37 - AVH243G75AXXXAA
M38 - AVH244G10AXXXAA
M39 - AVH244G25AXXXAA
M40 - AVH244G34AXXXAA
M41 - AVH244G50AXXXAA
M42 - AVH244G75AXXXAA

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Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		<i>Image 1:</i>	
NS 80115225	ASSY BASEPAN (M10, M11, M12, M13, M14, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)	NS 80100300	DRAIN PAN (M33, M34, M35, M36, M37)
NS 25018705	ASSY REVERSING VALVE (M24, M25, M26, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)	NS 62601008	E-CONTROL BOARD (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
NS 25018305	ASSY VALVE REVERSING (M15, M16, M17, M18, M19, M20, M21, M22, M23)	NS 62601009	E-CONTROL BOARD (M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)
NS 80023702	BASEPAN VPAK (M4, M5, M6, M7, M8, M9, M21, M22, M23, M24, M25, M26)	NS 62050004	EVAPORATOR COIL (M27, M28, M29, M30, M31, M32)
NS 80023703	BASEPAN VPAK (M1, M2, M3, M15, M16, M17, M18, M19, M20)	NS 80041761	EVAPORATOR COIL (M1, M2, M3, M4, M5, M6, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)
NS 80103200	BLOWER HOUSING (M33, M34, M35, M36, M37)	NS 80048150	EVAPORATOR COIL (M7, M8, M9)
NS 60610605	BLOWER WHEEL (M7, M8, M9)	NS 80103450	EVAPORATOR COIL (M10, M11, M12, M13, M14, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)
NS 61080573	CAPACITOR 15/5 MF 440V 2.0 (M10, M11, M12, M13, M14, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)	NS 60542004	FAN PLASTIC 14.5" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)
NS 61080538	CAPACITOR 25/10 MF 370V 2.0 (M1, M2, M3, M15, M16, M17, M18, M19, M20)	NS 60542007	FAN PLASTIC 16" (M7, M8, M9, M10, M11, M12, M13, M14, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)
NS 61080525	CAPACITOR 25/3.0 MF 370V 2.0 (M27, M28, M29, M30, M31, M32)	NS 80017090	HEATER VPAK-A NXT 2.5KW 230V (M1, M4, M7, M15, M21)
NS 61080558	CAPACITOR 30/10 MF 370V 2.0 (M4, M5, M6, M21, M22, M23, M24, M25, M26)	NS 80017102	HEATER VPAK-A NXT 2.5KW 265V (M18, M24)
NS 61080554	CAPACITOR 40/10MF 370V 2.0 (M7, M8, M9)	NS 80017091	HEATER VPAK-A NXT 3.4KW 230V (M2, M5, M8, M16, M22)
NS 61080530	CAPACITOR 40/5/ MF 370V 2.0 (M27, M28, M29, M30, M31, M32)	NS 80017101	HEATER VPAK-A NXT 3.4KW 265V (M19, M25)
NS 61080580	CAPACITOR 50/5/370VAC 2.0 (M10, M11, M12, M13, M14, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)	NS 80017092	HEATER VPAK-A NXT 5.0KW 230V (M3, M6, M9, M17, M23)
NS 1389915	CAPILLARY TUBE (M7, M8, M9)	NS 80017100	HEATER VPAK-A NXT 5.0KW 265V (M20, M26)
NS 3760451	CAPILLARY TUBE (M15, M16, M17, M18, M19, M20)	NS 80102294	HEATER VPAK-A24 NXT 10.0KW 230V (M10, M33)
NS 3760501	CAPILLARY TUBE (M27, M28, M29, M30, M31, M32)	NS 80102299	HEATER VPAK-A24 NXT 10.0KW 265V (M38)
NS 3760548	CAPILLARY TUBE (M21, M22, M23, M24, M25, M26, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)	NS 80102290	HEATER VPAK-A24 NXT 2.5KW 230V (M11, M27, M34)
NS 3760574	CAPILLARY TUBE (M4, M5, M6)	NS 80102295	HEATER VPAK-A24 NXT 2.5KW 265V (M30, M39)
NS 61718125	COMPRESSOR KIT (M4, M5, M6, M21, M22, M23, M24, M25, M26)	NS 80102291	HEATER VPAK-A24 NXT 3.4KW 230V (M12, M28, M35)
NS 61718132	COMPRESSOR KIT (M27, M28, M29, M30, M31, M32)	NS 80102296	HEATER VPAK-A24 NXT 3.4KW 265V (M31, M40)
NS 61718146	COMPRESSOR KIT (M1, M2, M3)	NS 80102292	HEATER VPAK-A24 NXT 5.0KW 230V (M13, M29, M36)
NS 80074938	COMPRESSOR KIT (M7, M8, M9)	NS 80102297	HEATER VPAK-A24 NXT 5.0KW 265V (M32, M41)
NS 80077118	COMPRESSOR KIT (M10, M11, M12, M13, M14, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)	NS 80102293	HEATER VPAK-A24 NXT 7.5KW 230V (M14, M37)
NS 80077146	COMPRESSOR KIT (M15, M16, M17, M18, M19, M20)	NS 80102298	HEATER VPAK-A24 NXT 7.5KW 265V (M42)
NS 80006870	COMPRESSOR KIT (M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	NS 80006870	MOTOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)
NS 60179904	CONDENSATE DRAIN VALVE	NS 80102170	MOTOR (M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)
NS 80101261	CONDENSER COIL (M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)	NS 80102171	MOTOR (M27, M28, M29, M30, M31, M32)
NS 80101265	CONDENSER COIL (M1, M2, M3, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)	NS 80106900	MOTOR (M10, M11, M12, M13, M14, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)
NS 80101266	CONDENSER COIL (M4, M5, M6)	NS 80106971	MOTOR (M27, M28, M29, M30, M31, M32)
NS 80048050	CONDENSOR COIL (M7, M8, M9)	NS 25014400	MOTOR MOUNT (M7, M8, M9, M10, M11, M12, M13, M14, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)
NS 80101260	CONDENSOR COIL (M10, M11, M12, M13, M14)	NS 80007600	NONFUSED DISCONNECT
NS 80118600	CONTACTOR 240VAC COIL (M7, M8, M9, M10, M11, M12, M13, M14, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42)		
NS 62600600	DISPLAY SERVICE VPAC KUHL		

**Ref. Part
No: No:**

Description:

Image 1:

NS 61834800 STRAINER .312 COIL (M1, M2, M3, M4, M5, M6, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31, M32, M38, M39, M40, M41, M42)

NS 61834801 STRAINER .375 COIL (M7, M8, M9)

NS 60610616 WHEEL BLOWER (M1, M2, M3, M15, M16, M17, M18, M19, M20)

NS 60610616 WHEEL BLOWER (M1, M2, M3, M4, M5, M6, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26)

**Ref. Part
No: No:**

Description:

Expanded Model Nomenclature

M1 - AVC093G25AXXXAA
M2 - AVC093G34AXXXAA
M3 - AVC093G50AXXXAA
M4 - AVC123G25AXXXAA
M5 - AVC123G34AXXXAA
M6 - AVC123G50AXXXAA
M7 - AVC183G25AXXXAA
M8 - AVC183G34AXXXAA
M9 - AVC183G50AXXXAA
M10 - AVC243G10AXXXAA
M11 - AVC243G25AXXXAA
M12 - AVC243G34AXXXAA
M13 - AVC243G50AXXXAA
M14 - AVC243G75AXXXAA
M15 - AVH093G25AXXXAA
M16 - AVH093G34AXXXAA
M17 - AVH093G50AXXXAA
M18 - AVH094G25AXXXAA
M19 - AVH094G34AXXXAA
M20 - AVH094G50AXXXAA
M21 - AVH123G25AXXXAA
M22 - AVH123G35AXXXAA
M23 - AVH123G50AXXXAA
M24 - AVH124G25AXXXAA
M25 - AVH124G34AXXXAA
M26 - AVH124G50AXXXAA
M27 - AVH183G25AXXXAA
M28 - AVH183G34AXXXAA
M29 - AVH183G50AXXXAA
M30 - AVH184G25AXXXAA
M31 - AVH184G34AXXXAA
M32 - AVH184G50AXXXAA
M33 - AVH243G10AXXXAA
M34 - AVH243G25AXXXAA
M35 - AVH243G34AXXXAA
M36 - AVH243G50AXXXAA
M37 - AVH243G75AXXXAA
M38 - AVH244G10AXXXAA
M39 - AVH244G25AXXXAA
M40 - AVH244G34AXXXAA
M41 - AVH244G50AXXXAA
M42 - AVH244G75AXXXAA