

Parts List				Parts List			
ITEM	QTY	PART #	DESCRIPTION	ITEM	QTY	PART #	DESCRIPTION
1	1	A02001	BASE	41	2	*A04611	DIAPHRAGM
2	1	A02610	BEARING	42	2	*A07607	GASKET
3	2	A02612	BEARING	43	4	*A22002	4-40 SCREW
4	2	A02614	ROD BOLT	44	4	*A22601	VALVE
5	1	A02633	SHAFT BUSHING	45	2	*A22605	VALVE STOP
6	1	A03003	CLAMP	46	2	*A23001	WASHER
7	4	A03012	HEATER				
8	2	A03601	CAP				
9	1	A03602	COUNTERWEIGHT				
10	1	A05601	ECCENTRIC				
11	2	A05605	ENCLOSURE				
12	4	A06001	FOOT				
13	1	A06606	ACCESS PLUG				
14	1	A08601	HOUSING				
15	2	A08623	HEAD				
16	4	A09602	INSULATION				
17	2	A09603	INSULATION				
18	1	A13603	MOTOR				
19	4	A14001	CAP NUT				
20	2	A16601	DIAPH. PLATE				
21	1	A16607	COVER PLATE				
22	2	A16623	COVER				
23	2	A18601	CONROD				
24	1	A18602	TOL. RING				
25	2	A18603	TOL. RING				
26	4	A19005	SCREW				
27	2	A19007	PLATE SCREW				
28	1	A19008	SET SCREW				
29	1	A19010	SET SCREW				
30	24	A19013	SCREW				
31	1	A19017	SCREW				
32	4	A19428	SET SCREW				
33	8	A19604	HEAD BOLT				
34	1	A19620	SPACER				
35	2	A19623	CONROD SPACER				
36	2	A19644	SPACER				
37	6	A19651	ROLL PIN				
38	4	A19653	ROLL PIN				
39	2	A20018	THERMOCOUPLE				
40	4	A23004	WASHER				

Parts List			
ITEM	QTY	PART #	DESCRIPTION
41	2	*A04611	DIAPHRAGM
42	2	*A07607	GASKET
43	4	*A22002	4-40 SCREW
44	4	*A22601	VALVE
45	2	*A22605	VALVE STOP
46	2	*A23001	WASHER

Notes:

1. This pump is equipped with either a thermocouple, RTD or a thermostat. Please refer to the following.

A controller must be used with the thermocouple (ADI part# A20018) or RTD (ADI part# A18003) to prevent overheating.

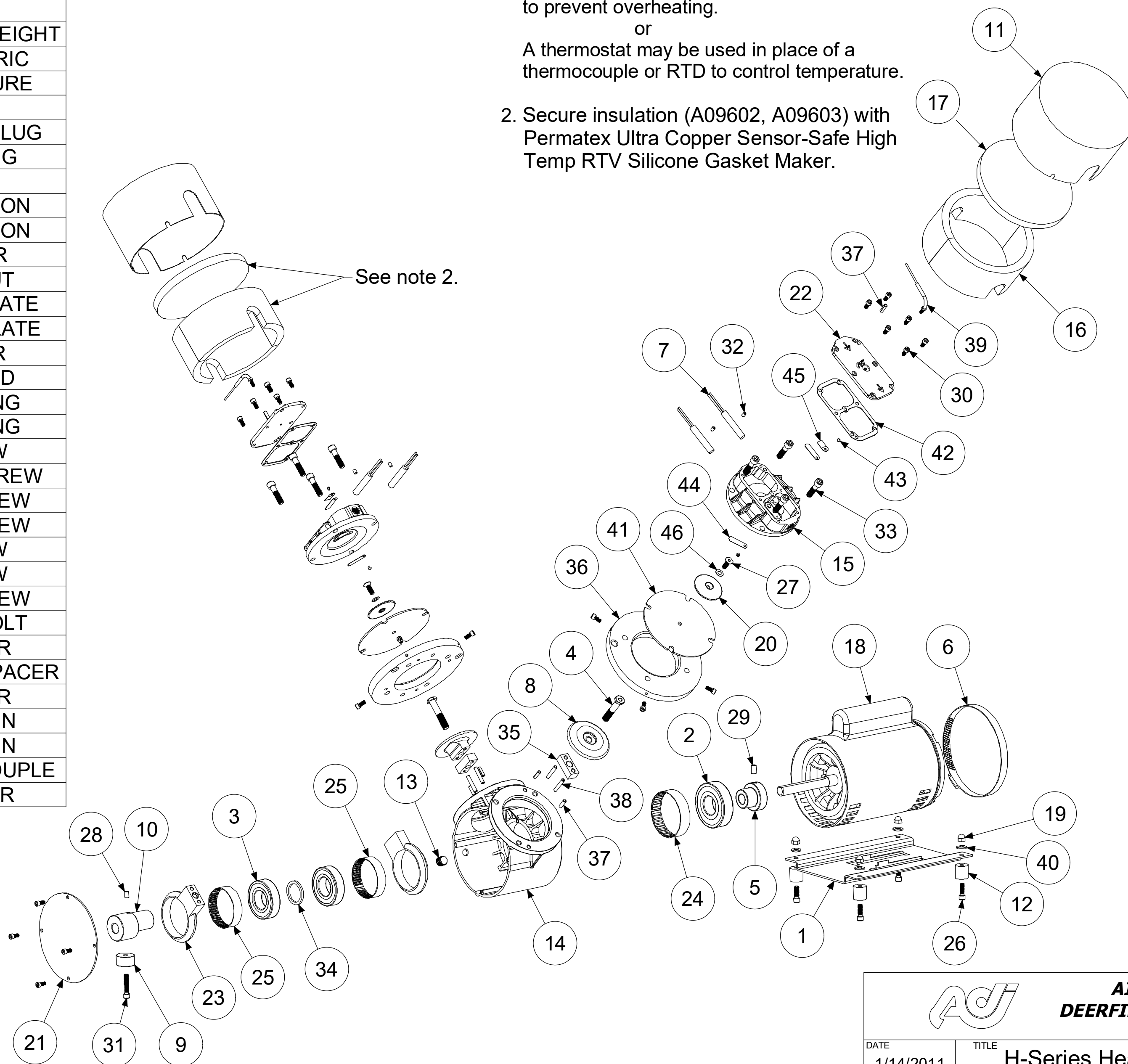
or

A thermostat may be used in place of a thermocouple or RTD to control temperature.

2. Secure insulation (A09602, A09603) with Permatex Ultra Copper Sensor-Safe High Temp RTV Silicone Gasket Maker.

ALTERNATE PARTS LIST	
A03012	HEATER - 110V 75WATT
A03014	HEATER - 220V 75WATT
A03019	CONNECTOR - HUBBLE
A03045	CORD - POWER 115V
A03046	CORD - POWER 230V
A04601	DIAPHRAGM - TEFLON/EPDM
A04611	DIAPHRAGM - 3 PLY TEFLON
A07601	GASKET - VITON
A07607	GASKET - GRAPHITE
A18003	SENSOR - RTD
A20018	THERMOCOUPLE
A20065	OFF 65°C / ON 55°C
A20100	OFF 100°C / ON 90°C
A20140	OFF 140°C / ON 125°C
A20163	OFF 163°C / ON 143°C
A20200	OFF 200°C / ON 185°C

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***RECOMMENDED SPARE PARTS KITS**

DIAPHRAGM KITS	
11605	TEFLON/EPDM
11611	3-PLY TEFLON
11612	3-PLY TEFLON (GRAPHITE GASKET)

INCLUDES ITEMS 41-46

MOTOR DESCRIPTION:

A13603 1/2HP 115/230V 50/60Hz 1Ph

AIR DIMENSIONS INC.
DEERFIELD BEACH, FL. USA 33442
WWW.AIRDIMENSIONS.COM

DATE 1/14/2011	TITLE H-Series Heated Head Pump	
APPROVED BY FDM	DWG NO H302-Fx-AC5-M	MODEL # H302-Fx-AC5-M
06/21 (2186)		SHEET 2 OF 2