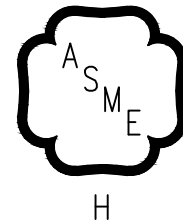


INSTALLATION, OPERATING AND SERVICE INSTRUCTIONS FOR

X-2™ Series

Cast Iron Gas - Fired Boiler



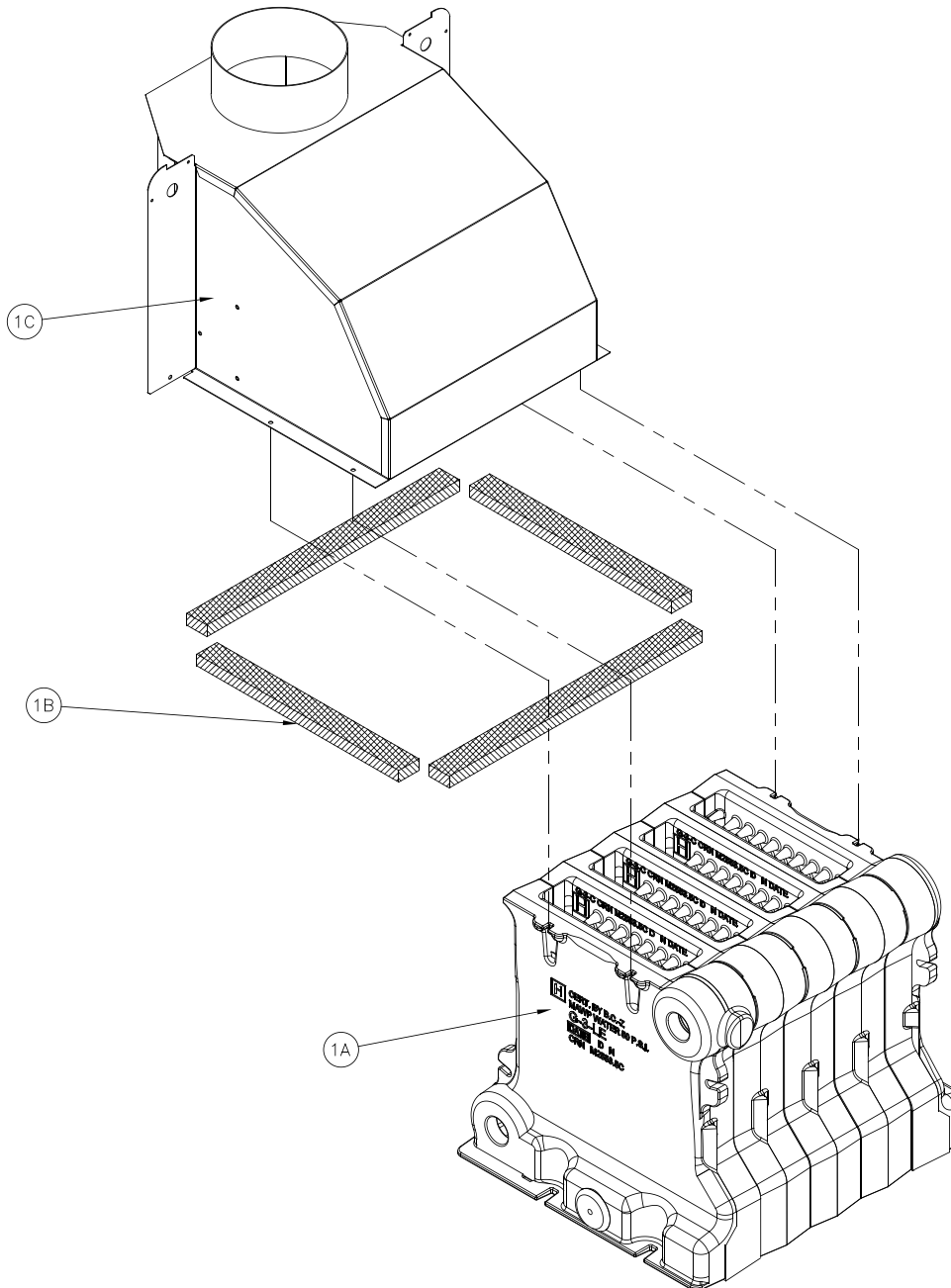
For service or repairs to boiler, call your heating contractor. When seeking information on boiler, provide Boiler Model Number and Serial Number as shown on Rating Label.

Boiler Model Number X-20	Boiler Serial Number	Installation Date
Heating Contractor		Phone Number
Address		



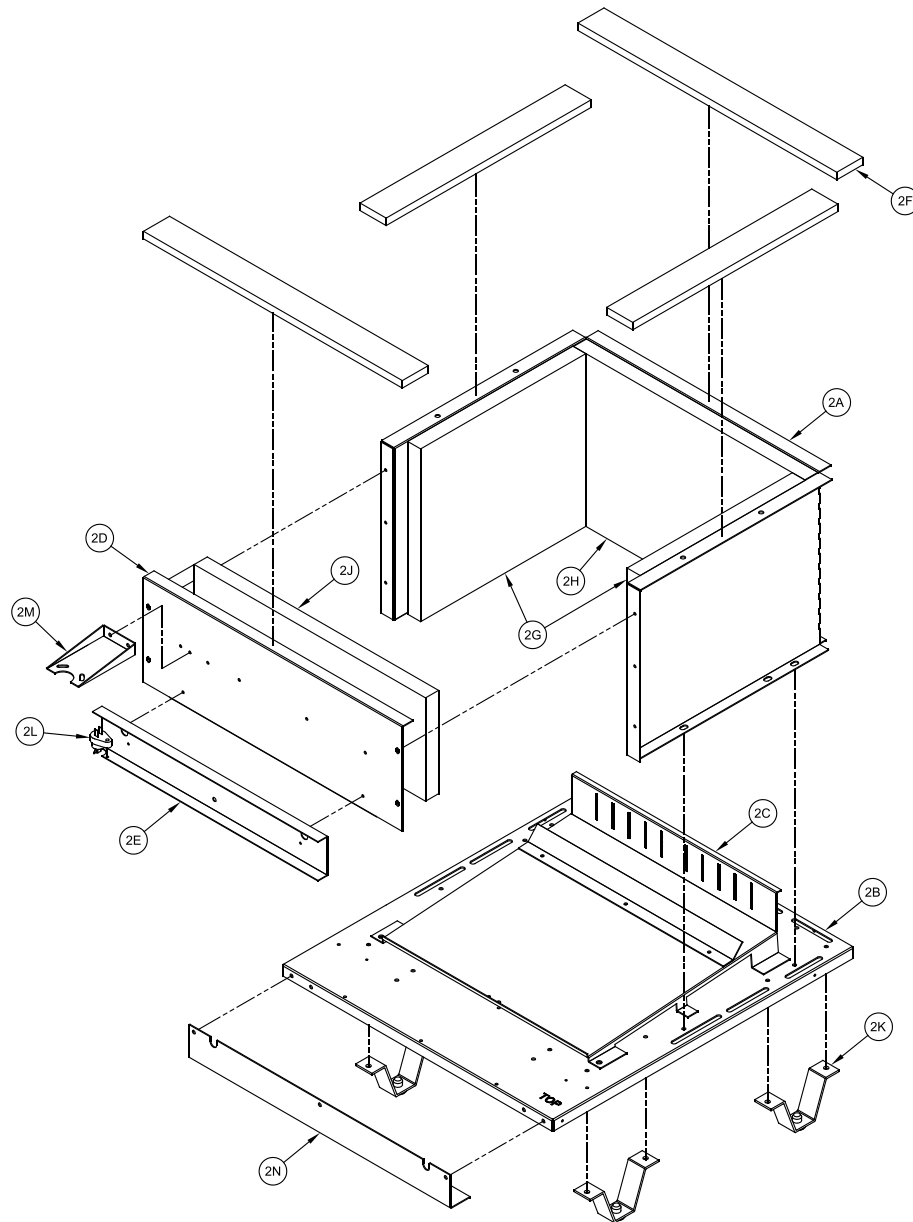
XI. Repair Parts

All X-2 Series Repair Parts may be obtained through your local U.S. Boiler Company Wholesale distributor. Should you require assistance in locating a U.S. Boiler Company Distributor in your area, or have questions regarding the availability of U.S. Boiler Company products or repair parts, please contact U.S. Boiler Company Customer Service at (717) 481-8400 or Fax (717) 481-8408.



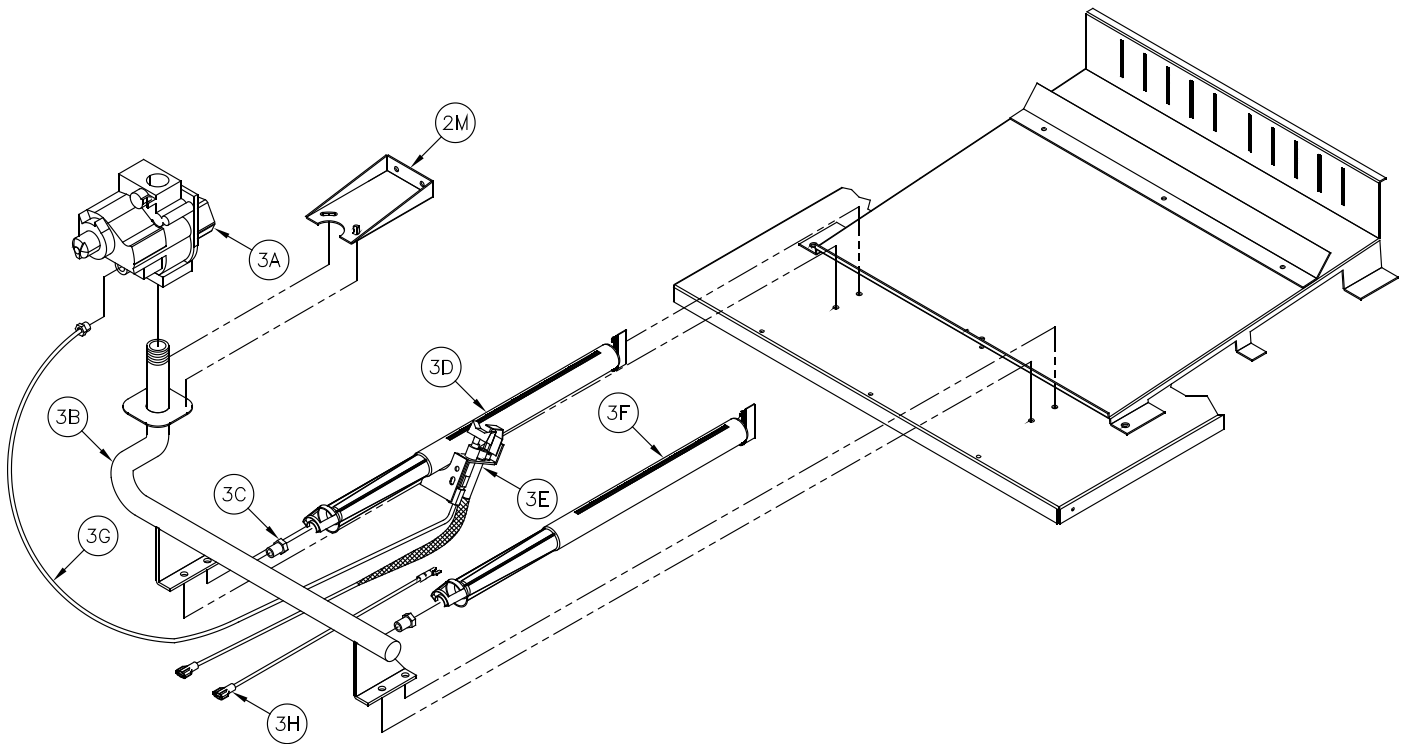
Key No.	Description	[Quantity] Part Number						
		X-203	X-204	X-205	X-206	X-207	X-208	X-209
1A	Block Assembly	102287-03	102287-04	102287-05	102287-06	102287-07	102287-08	102287-09
1B	Canopy Gasket Kit	6206001						
1C	Canopy Assembly	102554-03	102554-04	102554-05	102554-06	102554-07	103860-08	102554-09
	Blocked Vent Switch (not shown)	80160157						

XI. Repair Parts (continued)



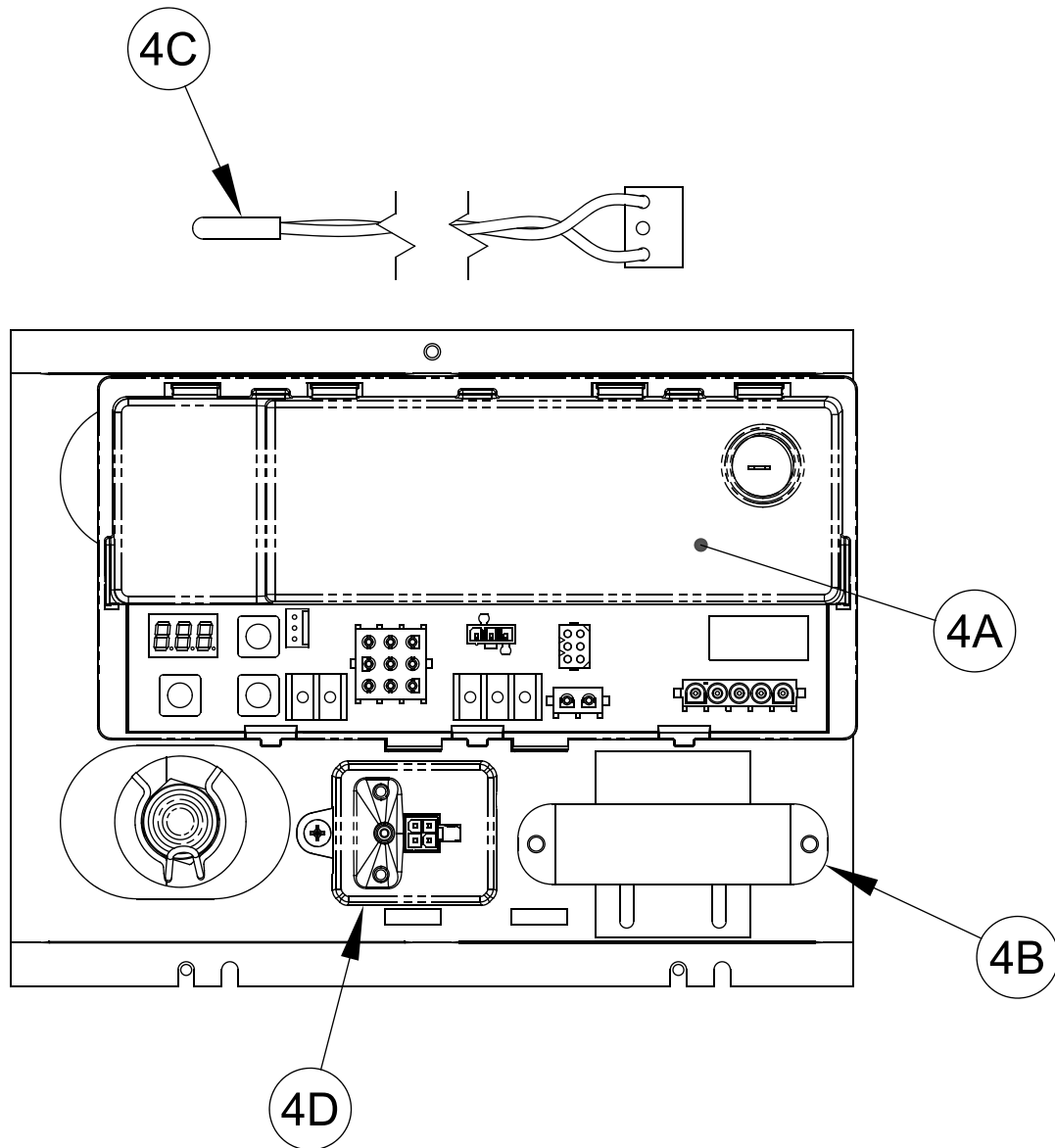
Key No.	Description	[Quantity] Part Number						
		X-203	X-204	X-205	X-206	X-207	X-208	X-209
2A	Base Wrapper	71807031	71807041	71807051	71807061	71807071	71807081	71807091
2B	Base Tray	102543-03	102543-04	102543-05	102543-06	102543-07	102543-08	102543-09
2C	Burner Tray Assembly	61807031	61807041	61807051	61807061	61807071	61807081	61807091
2D	Base Front Panel	102705-03	102705-04	102705-05	102705-06	102705-07	102705-08	102705-09
2E	Burner Access Panel	102707-03	102707-04	102707-05	102707-06	102707-07	102707-08	102707-09
2F	Base Gasket Kit	6206002						
2G	Base Side Insulation	[2] 72007001						
2H	Base Rear Insulation	72007031	72007041	72007051	72007061	72007071	72007081	72007091
2J	Base Front Insulation	72007032	72007042	72007052	72007062	72007072	72007082	72007092
2K	Base Leg Assembly	[4] 6186001						
2L	Flame Roll-out Switch	80160044						
2M	Manifold Support Bracket	718070001						
2N	Front Air Dam	103718-03	103718-04	103718-05	103718-06	103718-07	103718-08	103718-09

XI. Repair Parts (continued)



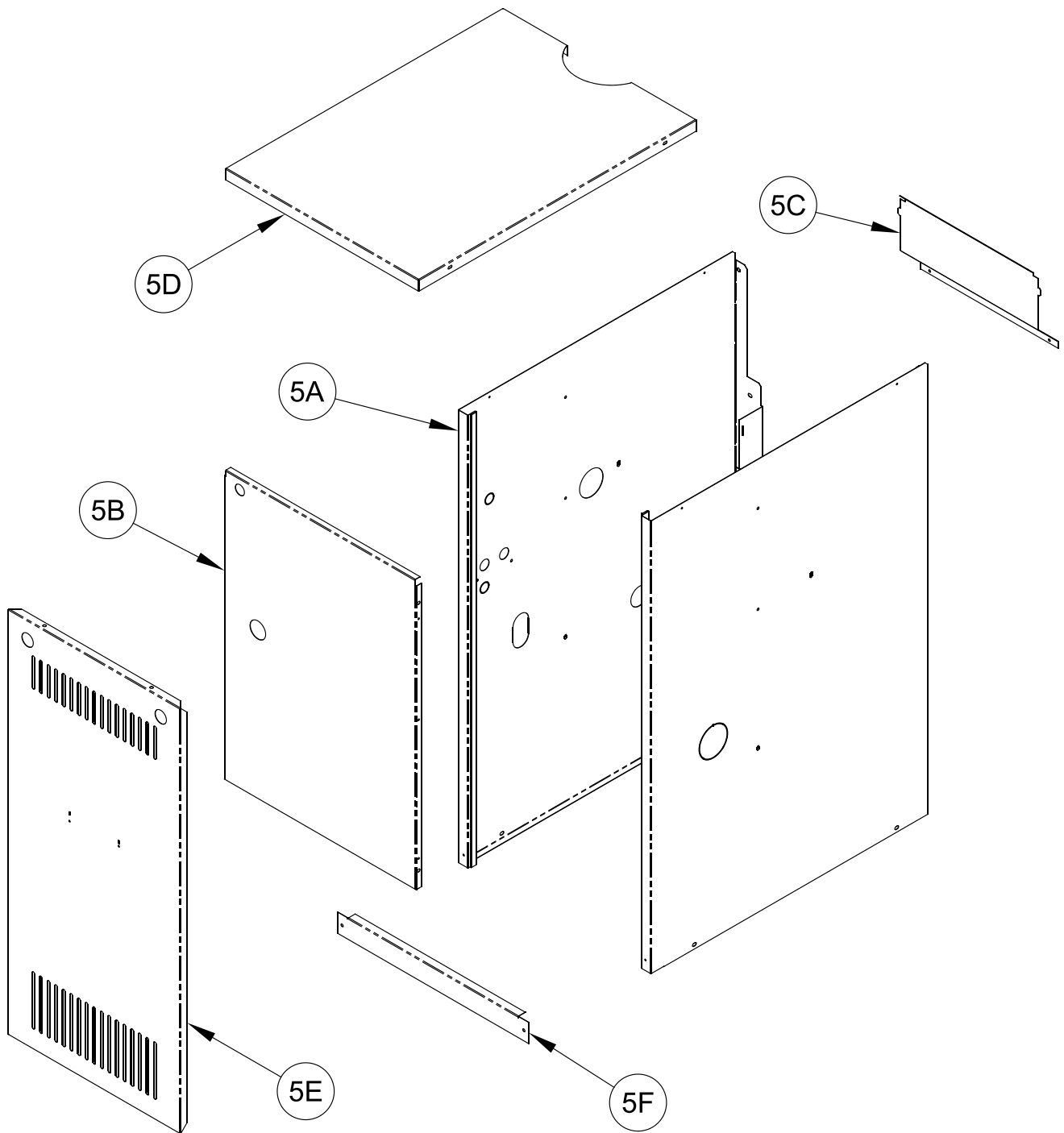
Key No.	Description	[Quantity] Part Number						
		X-203	X-204	X-205	X-206	X-207	X-208	X-209
3A	Gas Valve (Natural Gas), Honeywell VR8204P1171	81660282				N/A		
	Gas Valve (Natural Gas), Honeywell VR8304P4496	N/A				81660283		
	Gas Valve (LP Gas), Honeywell VR8204C3015	81660146				N/A		
	Gas Valve (LP Gas), Honeywell VR8304P4314	N/A				81660160		
3B	½" Gas Manifold	82207031	82207041	82207051	82207061	N/A		
	¾" Gas Manifold	N/A				82207071	82207081	82207091
3C	Burner Orifices - Natural Gas #47	[4] 822710	[6] 822710	[8] 822710	[10] 822710	[12] 822710	[14] 822710	[16] 822710
	Burner Orifices - LP Gas 1.20mm	[4] 822792	[6] 822792	[8] 822792	[10] 822792	[12] 822792	[14] 822792	[16] 822792
3D	Pilot Burner	100147-01						
3E	Pilot Assembly - Natural Gas	8236163						
	Pilot Assembly - LP Gas	8236164						
3F	Main Burner	[3] 100146-01	[5] 100146-01	[7] 100146-01	[9] 100146-01	[11] 100146-01	[13] 100146-01	[15] 100146-01
3G	Pilot Tubing	8236122						
3H	Ground Wire Assembly	103776-01						

XI. Repair Parts (continued)



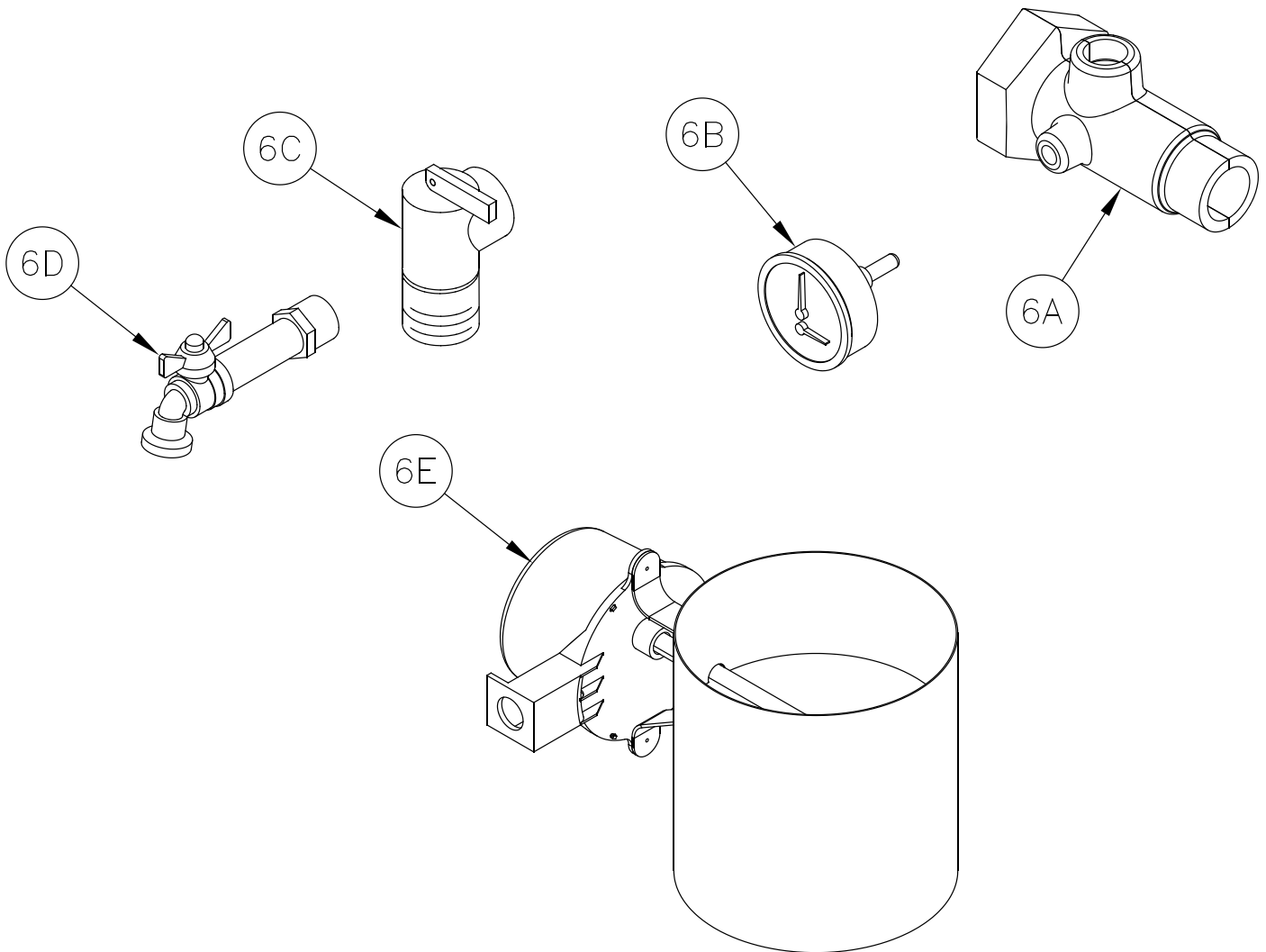
Key No.	Description	[Quantity] Part Number						
		X-203	X-204	X-205	X-206	X-207	X-208	X-209
4A	Control				103660-01			
4B	Transformer				102516-01			
4C	Temperature Sensor				103195-01			
4D	Temperature Sensor/LWCO (if equipped)				106495-02			
	Temperature Sensor Spring Clip (not shown)				102422-01			

XI. Repair Parts (continued)



Key No.	Description	[Quantity] Part Number						
		X-203	X-204	X-205	X-206	X-207	X-208	X-209
5A	Jacket Wrap-around Jacket Panel	106357-03	106357-04	106357-05	106357-06	106357-07	106357-08	106357-09
5B	Jacket Vestibule Panel	106358-03	106358-04	106358-05	106358-06	106358-07	106358-08	106358-09
5C	Jacket Rear Discharge	102549-03	102549-04	102549-05	102549-06	102549-07	102549-08	102549-09
5D	Jacket Top Panel	106359-03	106359-04	106359-05	106359-06	106359-07	106359-08	106359-09
5E	Jacket Front Door	106360-03	106360-04	106360-05	106360-06	106360-07	106360-08	106360-09
5F	Jacket Tie Bar	106361-03	106361-04	106361-05	106361-06	106361-07	106361-08	106361-09

XI. Repair Parts (continued)



Key No.	Description	[Quantity] Part Number						
		X-203	X-204	X-205	X-206	X-207	X-208	X-209
6A	Supply Water Manifold				80607001			
6B	Temperature/Pressure Gauge				100282-01			
6C	30 PSI Relief Valve				81660363			
6D	Drain Valve				102802-01			
6E	Vent Damper	102284-01	102284-02	102284-03		102284-04		102284-05
	Taco 007 (not shown)				8056170			
	Grundfos UPS15-58 (not shown)				105654-01			
	Grundfos Alpha 15-55 (not shown)	Available through Grundfos spare parts service.						