

## REPLACEMENT PARTS FOR HDT 60K IECU

HDT Fully Mission Capable Packs are a convenient way to order common replacement parts for 60K IECU (60,000 BTU/H (17.6 kW) Improved Environment Control Unit). Packs for ECU relocated setup replacement parts, routine maintenance or standby replacement parts kits are available.

### RELOCATED SETUP (RS)

The RS Pack includes many of the loose parts that often get lost or damaged when relocating the ECUs and includes two flexible air ducts, one flange assembly, one T-shaped condensation drain hose, one control cable assembly (with remote box), one power cable, flexible duct filter, and one power cable (pigtail).

### LEVEL I

The Level I parts pack includes common parts such as sensors, fuses, filters, glow plug and other items that would be required to return a unit to FMC status. This Level I pack will support three 60K IECUs for one cooling season anywhere in the world.

### LEVEL II

Level II pack includes higher level parts required for long-term support in the field or can be ordered as a starting point for bench stock.

### NUCLEAR, BIOLOGICAL, AND CHEMICAL (NBC) CONDITIONS PREPARATION

The NBC Pack includes all the parts required to configure the 60K IECU to operate under NBC conditions.









### AFTERMARKET SUPPORT FOR:



60K IECU

# REPLACEMENT PARTS FOR HDT 60K IECU



Relocation Setup (RS) Pack								
Item #	NSN	Description	Part #	Cage Code	Usable on Code	U/I	Amount	
1	 4720-01-562-0652	Flexible AA Duct	500K3662	94833		EA	2	
2	 6150-01-562-0987	AB Power Cable Assembly(P1)	184K0014-1	94833		EA	1	
3	 6150-01-562-5798	AC Remote Box Assembly	184K0010-1	5RQL2		EA	1	
4	 4730-01-562-0197	AD Flange Assembly				EA	1	
5	 4720-01-562-0119	AE Drain Assembly	184K0352-1	5RQL2		EA	1	
6	 6150-01-571-1344	AF Power Cable (Pigtail)	173K0170-3			EA	1	
7	 184K0633-1	AG Duct Attachment Cover – Return	184K0633-1	98255		EA	1	
8	 184K0656-1	AH Duct Attachment Cover – Supply	184K0656-1	98255		EA	1	



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Level I & II Spares Pack					
Group #	Description		Part #	Pack #	Quantity
<b>1</b>	<b>Housing Group</b>				
101	Top Cover Assembly	Replace	184K0386-1	II	1
106	Flange Assembly	Replace	184K0275	II	1
<b>2</b>	<b>Power Distribution and Conditioning Group</b>				
203	Switch, Pushbutton (S6)	Replace	K1ABCAAAAA	I	1
<b>3</b>	<b>Power Controls Group</b>				
302	Fan Pressure Switch (S4)	Replace		I	1
303	Remote Box Assembly	Replace	84K0010-1	I	1
30301	Power Cable (Remote)	Replace	184K0133-1	I	1
304	Circuit Breaker (CB1)	Replace	CA3-X0-17-677-321-D	I	1
<b>305</b>	<b>Power Cables</b>				
30501	Power Cable P1	Replace	173K0170-3	I	1
30502	Pigtail Power Cable	Replace	184K0135-1	I	1
<b>4</b>	<b>Thermostatic Control Group</b>				
401	Precision Bimetal Thermostat (S8)	Replace		I	1
402	Thermostat, Bimetal, Precision (S9)	Replace	MQT8H K46XA2	I	1
403	Thermostatic Switch (S5)	Replace	CNT202	I	1
404	Thermistor (TS7)	Replace	"1122G0203ALP01-276"	I	1
405	Thermostatic Switch (S10)	Replace	"60T11 STYLE 314122 150 P/M 5-11"	I	1
<b>5</b>	<b>Air Filters Group</b>				
501	Main Filter	Replace	184K0490	I	1
<b>6</b>	<b>Air Cycling Group</b>				
601	Flexible Duct (2)	Replace	500K3662	I	1
<b>7</b>	<b>Water Connections Group</b>				
701	Condensate Drain Tubing	Replace	184K0352-1	I	1
<b>8</b>	<b>Heating Units Group</b>				
801	Tubular Heater (HR1, HR2, HR3)	Replace	500K3328	I	1
<b>9</b>	<b>Gas Compressor Assembly Group</b>				1
901	Refrigerant Compressor (B2)	Replace	184K0127-1	II	1
902	Compressor Mounting Pack	Replace	500K3359	II	1
<b>10</b>	<b>Condenser Group</b>				
1001	Condenser Fan (B3)	Replace	"TYPE FE071-ADW.6 F.A7"	I	1
1002	Formed Condenser Coil, Left	Replace	184K0083-1	II	1
1003	Formed Condenser Coil, Right	Replace	184K0084-1	II	1



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Level I & II Spares Pack					
Group #	Description		Part #		Quantity
<b>11</b>	<b>Evaporator Group</b>				
1101	Evaporator Blower (B1)	Replace	500K3354	I	1
1102	Evaporator Coil Assembly	Replace	184K0485-1	II	1
<b>12</b>	<b>Refrigerant Piping Group</b>				
1201	Metal Hose Assembly (Suction)	Replace	3434FX-211161	II	1
1202	Metal Hose Assembly (Discharge)	Replace	VAF4	II	1
1203	Refrigerant Filter-Drier	Replace	ADK084S	I	1
1204	Expansion Valve	Replace	Part of 184K0485-1	II	1
1205	Liquid Sight Indicator	Replace	SA14S	II	1
1206	Service Valve (2)	Replace	500K3645	I	1
1207	Fan Pressure Switch (S4)	Replace	R400-140-0006	I	
<b>13</b>	<b>Suction and Discharge Components Group</b>				
1301	Low Pressure Switch (S2)	Replace	500K3313	I	1
1302	High Pressure Switch (S3)	Replace	500K3312	I	1
1303	Fusible Plug	Replace		I	1
<b>14</b>	<b>Diagnostics Group</b>				
1401	Connector (J5, J6)	Replace	184K0136-1	II	1
1402	Thermistor (TS1, TS3, TS4, TS5, TS6)	Replace	9454280	I	1
1403	Air Thermistor (TS2)	Replace	9454187-2	I	1

Nuclear, Biological, and Chemical (NBC) Conditions Preparation Pack						
NSN	Description	Part #	Cage Code	Usable on Code	U/I	Amount
4130-01-562-0488	Air Intake Filter	118/K0490	5RQL2		EA	1
N/A	Flexible Duct Cover Bag	500K4485	ONAY3		EA	1
N/A	AC Unit Cover, IECU 60kW	500K4486	ONAY3		EA	1
4240-01-178-9936	NBC Filter Canister				EA	2
4130-01-593-6876	Air Conditioner Filter Element				EA	1
4130-01-434-7665	NBC Adapter Kit				EA	1
4720-01-434-2327	NBC Return Air Duct				EA	1
4720-01-434-2331	NBC Supply Air Duct				EA	1
4240-01-200-4330	NBC Support Kit				EA	2

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