

### **Section Five**

Kim-GLO Heaters
Direct Immersion
Cords
Thermocords
Flush Mount Kits



Engine Model	Part Number 120 Volts	Part Number 240 Volts	Watts	Product Image	Application Information	Heat Shield Required	Oil heater Thread Size
	,	•		Allis Cha	lmers		•
670T & I 685T & I 6138LT, T & I 25000 (844 CID)	AC-101 CATV-151	AC-102 CATV-152	1000 1500	-	Replaces 1" thread-in plug on the oil cooler at rear of the engine on the right side. Note that not all of the engines have this opening.		
			Ca	se/IH – Ag	ricultural		
ALL 4 CYL 390 ALL 6 CYL 590	CUB-751FP CUB-101FP CUB-151FP	CUB-752 CUB-102FP CUB-151FP	750 1000 1500	£	Inserts in any of the freeze plugs right side of engine		22mm
ALL 6 CYL 830	CUC-151FP	CUC-152FP	1500		Inserts in the freeze plug right rear of the block		22mm
	•			Caterp	illar		
3003 0.96L	In Do	esign					
3013 1.5L	In Do	esign	530				
3024 2.22L	FP531-003	FP532-003	530	-			
3034 2.95L	FP531-001	FP532-001	530	4			
3044 3.3L	In Do	esign					
3054 3.99L	PER-751FP PER-101FP	PER-752FP PER-102FP	750 1000	9_	Mounts in the 1 1/4" freeze plug opening on the right side of the engine		
3054B 4.23L	PER-751FP PER-101FP	PER-752FP PER-102FP	750 1000	P	Mounts in the 11/4" freeze plug opening on the right side of the engine		
3046 5.0L	PF531-000	PF532-000	530				
3056 6.0.L	PER-151FP	PER-152FP	1500	1	Mounts in the 1 1/2" freeze plug on the right side of the engine		
C10 — 10.3L	TF121-000	TF122-000	1250		Replaces the 1" threaded plug in the oil cooler bonnet	yes	11/16" X 12
3176 10.3L through 1995	DD8L-101 CAT-12015 TF151-001	DD8L-102 CAT-12023 TF152-001	1000 1250 1500		Replaces the 3/4" plug on the right side of the engine		1" NPT
3176 10.3L 1996 and later	TF121-000	TF122-000	1250		Replaces the 1" threaded plug in the oil cooler bonnet	yes	11/16" X12
3196 12.0L	TF121-000	TF122-000	1250		Replaces the 1" threaded plug in the oil cooler bonnet		11/16" X12

<sup>\*</sup> If supplemental oil heating is desired, this column gives the correct thread size in oil pan. See NOTE on page 47.



Engine Model	Part Number 120 Volts	Part Number 240 Volts	Watts	Product Image	Application Information	Heat Shield Required	Oil heater Thread Size
	•		Cat	erpillar – c	ontinued		•
C12 12.0L	TF121-000	TF122-000	1250		Replaces the 1" threaded plug in the oil cooler bonnet	yes	11/16" X12
3406C/E 14.6L	AC-101 CATV-151	AC-102 CATV-152	1000 1500		Replaces 1" thread-in plug in the rear of the oil cooler bonnet on the right side of the engine		
3456 15.8L	AC-101 CATV-151	AC-102 CATV-152	1000 1500		Replaces 1" thread-in plug in the rear of the oil cooler bonnet on the right side of the engine		
1674	CATB-151	CATB-152	1500	<u></u>	Replaces the 1 1/2" thread-in plug on the right side of the engine		
1693 & D343	CATC-151	CATC-152	1500	-	Replaces water jacket access plate on the left side of the engine		
1693T & 1693TA	CATC-151-S	CATC-152-S	1500		Replaces water jacket access plate on the left side of the engine		
3114, 3116 & 3126	FP101-001 FP151-001	FP102-001 FP152-001	1000 1500	1	Replaces the core plug on the right side of the engine just below the turbocharger	yes	11/16" X12
3204 all 1100 series	CATX-751 CATX-101	CATX-752 CATX-102	750 1000	4	Replaces the core plug on the right side of the engine just below the turbocharger		
3208 — 2 heaters with a single cord	CATX-2-751-Y	CATX-2-752-Y	1500 total	666	Use on industrial engines when clear access is available. Replaces any core plug - one on each side of the engine		
3208 Recommended Aftermarket Installation	JD3/4-101IN JD1-101IN JD3/4-151IN JD1-151IN	JD3/4-102IN JD1-102IN JD3/4-152IN JD1-152IN	1000 1000 1500 1500		Replaces any of the 3/4" or 1" plugs on the water transfer casting. (right front of the engine) 3/4" use JD3/4 — 1" use JD1		
3176* through 1995 3304 3306	DD8L-101 CAT-12015 TF151-001	DD8L-102 CAT-12023 TF152-001	1000 1250 1500		3304/3306 - Replaces the 3/4" plug on the left side of the engine. 3176 - replaces the 3/4" plug on the right side of the engine just below the head.		
C10 & C12	TF121-000	TF122-000	1250	-	Replaces the 1" threaded plug in the oil cooler bonnet	yes	
C15	CATV-151	CATV-152	1500	<u></u>	Mount on rear oil cooler bonnet from the back end.		
3406 & 3408 except 1998 Adem 2	AC-101 CATV-151	AC-102 CATV-152	1000 1500		Replaces 1" thread-in plug in the rear of the oil cooler bonnet on the right side of the engine		1" NPT
3406E 1998 Adem 2 engines only	TF151-002	TF152-002	1500		Replaces the 1" threaded plug that points downward on the top of the rear of the oil cooler bonnet	yes	1" NPT
3406 E ADEM 3 and ADEM 2000 engines	AC-101 CATV-151	AC-102 CATV-152	1000 1500		Replaces 1" thread-in plug in the rear of the oil cooler bonnet on the right side of the engine		

<sup>\*</sup> If supplemental oil heating is desired, this column gives the correct thread size in oil pan. See NOTE on page 47.



Engine Model	Part Number 120 Volts	Part Number 240 Volts	Watts	Product Image	Application Information	Heat Shield Required	Oil heater Thread Size
	I				Small Truck)	•	
5.7L V8 (350 CID) 6.2L V8 Diesel 6.5L V8 Diesel	FC601-509 or FC601-PY2 may substitute for each other	none	600		no replacement cord available		
	•			Cummi	ns		
6 Cylinder Engines: 1. Cummins engine 2. Cummins engine All refer to engine	743 CID, 85 es are often refer es are often refer	55 CID, 927 CID, "I red to by their ho red to as Big Cam	orsepower n, Big Cam2	rating "i.e. 350 Cum 2, 3, 4, full flow cooli	mins" ing, etc.		
Group I							
Flat plate design	CUN-151B	CUN-152B	1500		6 bolt flat plate on the right side of the engine. May use either the forward or		1" NPT
Flat plate design when the 1/2" NPT opening is used	CUN-151BH	CUN-152BH	1500	till til	rear opening depending on clearance.		1" NPT
Group II	When an external oil cooler is used	Note: When a whole casti	4 bold flat ng, and re	plate element des place the casting a	ign is incountered, remove the next two bo nd element with either CNT-151B/CNT-152I	olts on the castir B OR CNT151B90	ng, remove th /CNT152B90
When connection is 1 1/2" rubber hose Engines produced Aug. 1975 thru June 1982	CNT-151B-90	CNT-152B-90	1500	1	6 bolt, flat plate design with an elbow that will rotate 360 degrees to connect with any hose or casting		1" NPT
Uses an "0" ring for the 1¼" water tube connection Engines produced prior to August 1975	CNT-151B	CNT-152B	1500	1	6 bolt, flat plate design with an elbow that will rotate 360 degrees to connect with any hose or casting		1″ NPT
Group III							
For industrial engines with hole pattern reversed	CUN-151BREV	CUN-152BREV	1500		6 bolt flat plate on the right side of the block		1" NPT
Group IV							
1998 and Later N14-Industrial	PF151-002	PF152-002	1500	1	6 bolt flat plate on right side of block		1" NPT
		Add	dition	al Cummin	s Engine Models		
SERIES A 4 & 6 cylinder Onan based Engines	CUA-101	CUA-102	1000	1	Replaces freeze plug on side of block		
QSB 3.3L	FP531-004	FP532-004	530	-	Replaces core plug located at the left rear of engine.		
	* 16 0		alaadaa al Ala		correct thread size in oil pan See NOTE on	47	

<sup>\*</sup> If supplemental oil heating is desired, this column gives the correct thread size in oil pan. See NOTE on page 47.



Engine Model	Part Number 120 Volts	Part Number 240 Volts	Watts	Product Image	Application Information	Heat Shield Required	Oil heater Thread Size
	Α	dditiona	Cum	mins Engir	ne Models – continued	•	•
4BT 3.9L	CUB-751FP CUB-101FP	CUB-752FP CUB-102FP	750 1000	1	Inserts in any of the freeze plugs right side of engine		22mm
6BT 5.9L	CUB-751FP CUB-101FP CUB-151FP	CUB-752FP CUB-102FP CUB-152FP	750 1000 1500	单	Inserts in any of the freeze plugs right side of engine		22mm
QSB 3.9L, 5.9L ISB 5.9	TF751-002	TF752-002	750		3/4" NPT threaded plug in the front of the oil cooler casting		22mm
6CT 8.3L	CUC-151FP	CUC-152FP	1500		Inserts in the freeze plug right rear of the block	Check Exhaust Routing	22mm
ISB-02	PF-751-001 PF101-002	PF752-001 PF102-002	750 1000		Right side. Replace either front or rear plate.		22mm x 1.!
ISC 8.3L ISL 9L	TF751-002	TF752-002	750		3/4" NPT threaded plug in the right rear side of engine		22mm
L10, M11 ISM	CUL-151	CUL-152	1500	00	Inserts in the forward opening of the heater casting on the right rear of block		1" NPT
QSM Cummins 2001 Industrial 2001 Peterbuilt Truck	PF151-003	PF152-003	1500		Right rear. Replaces plate.		
QSX, ISX Signature 600	PF151-004	PF152-004	1500	L	Mounts in the "football shaped" plate on the right side of the block		27mm
			•	Detroit D	iesel		
6V-71 & 8V-71 6V-92 & 8V-92 except GMC General models	DDV-151B	DDV-152B	1500	1	Mounts in the square plate on the block		
6V71 & 8V71 Alternate location	AC-101 CATV-151	AC-102 CATV-152	1000 1500		Threads into 1" NPT plug in the front face of the block		
6V92 & 8V92 alternate location - threads into the oil cooler.	DD8L-101	DD8L-102	1000		Threads into the 3/4" NPT opening in the oil cooler housing.Note - not all engines have this opening		
8.2 L V-8 Diesel	DD8L-101	DD8L-102	1000		Threads into the 3/4" NPT opening on the block		
3-53, 4-53, 3-71, 4-71 without water cooled air compressor	DD-751	DD-752	750	1	Mounts in the "football shaped" plate on the block. Check clearance		
3-53, 4-53, 3-71, 4-71 with water cooled air compressor	DD-751-S	DD-752-S	750	<b>_</b>	Mounts in the "football shaped" plate on the block. Check clearance		

<sup>\*</sup> If supplemental oil heating is desired, this column gives the correct thread size in oil pan. See NOTE on page 47.



Engine Model	Part Number 120 Volts	Part Number 240 Volts	Watts	Product Image	Application Information	Heat Shield Required	Oil heater Thread Size
	•	•	Detro	oit Diesel -	continued		•
6-71 without water cooled air compressor	DD-151	DD-152	1500	1	Mounts in the "football shaped" plate on the block. Check clearance		
6-71 with water cooled air compressor	DD-151-S	DD-152-S	1500		Mounts in the "football shaped" plate on the block. Check clearance		
6V-53 without water cooled air compressor	DD6V-751	DD6V-752	750		Mounts in the "football shaped" plate on the block. Check clearance		
6V-53 with water cooled air compressor	DD6V-751-S	DD6V-752-S	750		Mounts in the "football shaped" plate on the block. Check clearance		
SERIES 10 4 cylinder Phaser engines	PER-751FP PER-101FP	PER-752FP PER-102FP	750 1000	-	Mounts in the 1 1/4" freeze plug opening on either side of the engine		
SERIES 10 6 cylinder Phaser engines	PER-151FP	PER-152FP	1500	9_	Mounts in the 1 1/2" freeze plug on the right side of the engine		
Series 30	DD8L-101	DD8L-102	1000		Mounts in the 3/4" NPT opening in the block		
SERIES 40 all versions	PER-751FP INTA-121FR FR151-001	PER-752FP INTA-122FR FR152-001	750 1250 1500	2	Mounts in the freeze plug opening on the right side of the engine		
SERIES 50 SERIES 60	AC-101 CATV-151	AC-102 CATV-152	1000 1500	-	Mounts in the 1" NPT opening in either water pick up pipe (up to 1991) or in the 1" NPT opening on the oil cooler housing after 1991	yes on 1991 and later	3/4" NPT
SERIES 55	PF151-000	PF152-000	1500	45-	Mounts in the triangle plate on the side of the block		
				Deut	<b>Z</b>		
1011 SERIES oil cooled engines	OLT221515 plus A22M48M (adapter)	n/a	150		Use adapter kit to mount the 22MM heater in the 48MM opening		
1012 4 & 6 cyl engine 1013 4 cyl engine	PF751-000	PF752-000	750		Mounts in the "football shaped" plate opening on the oil cooler casting		
1013 6 cyl engine	PF121-001	PF122-001	1250	4	Mounts in the "football shaped" plate opening on the oil cooler casting		
			•	Dodg	e		
Through 1998	See CUMMINS 6BT (5.9L)						
1999 on	See CUMMINS ISB (5.9L)						
		·		Fiat			
8360 & 8361	AC-101	AC-102	1000		Mounts in 1" NPT opening on block		
	*10 1			<del>.</del>			

<sup>\*</sup> If supplemental oil heating is desired, this column gives the correct thread size in oil pan. See NOTE on page 47.



Engine Model	Part Number 120 Volts	Part Number 240 Volts	Watts	Product Image	Application Information	Heat Shield Required	Oil heater Thread Size*
				Ford			
6.9L & 7.3L V-8 diesels through 1993	FC101-PY1 or FC601-501	None	1000 or 600	()=	No replacement cord available		
7.3L V-8 diesels from 1994 on	TF751-002 DD8L-101	TF752-002 DD8L-102	750 1000		Mounts in the 3/4" NPT plug in the engine's block		
6.6L and 7.8L first series - CARGO engines	FC101-PY1 or FC601-501	None	1000 or 600	6	Mounts in a freeze plug on the engine's block		
FD1060 5.9L diesel through 1997		See Cummin	6BT (5.9L)		Inserts in any of the freeze plugs right side of engine		
FD1060 5.9L diesel from 1998		See Cummin	s ISB (5.9L)		3/4" NPT threaded plug in the front of the oil cooler casting.		
FD1460 8.3L diesel through 1997	See Cummins 6cT (8.3L)				Inserts in the freeze plug right rear of the block		
FD1460 8.3L diesel from 1998	See Cummins ISC (8.3L)				3/4" NPT threaded plug in the front of the oil cooler casting		
			For	d Lehman	(english)		
4 AND 6 CYL engines	FP531-002 FP751-000 FP101-002	FP532-002 FP752-000 FP102-002	530 750 1000	1	Mounts in freeze plug in the block		
				Hino			
3.8L, 5.8L, 6.0L 6.4L, 6.4L, 6.7L, W04C-T, W06E, H06C-T, H07C-B	DD8L-101	DD8L-102	1000		Threads into 3/4" NPT opening in the block	yes	
				Isuzı	J		
4BD1 6BD1 6BG1 6HE1 6SA1	TF601-510		600		1" NPT opening in the block	yes	
				John De	ere		
With 3/4" plug in the back of the block	JD3/4-101IN JD3/4-151IN	JD3/4-102IN JD3/4-152IN	1000 1500		3/4" NPT opening in the rear face of the block	check Exhaust routing	
With 1" plug in the back of the block	JD1-101IN JD1-151IN	JD1-102IN JD1-152IN	1000 1500		1" NPT opening in the rear face of the block		
With 15/8" opening on the side of the water jacket	JDS-101	JDS-102	1000	G	15/8" threaded opening on the side of the block in the water distribution channel		
6105 (10.5L) 6125 (12.5L)	AC-101 CATV-151	AC-102 CATV-152	1000 1500		1" NPT opening in the oil cooler casting		
				Komat	su		
L10 (10L) M11(11L)	CUL-151	CUL-152	1500	00	Inserts in the forward opening of the heater casting on the right rear of the block		
SA6D125	MA-151	MA-152	1500	Ť	Threads into the freeze plug opening in the block		
				ı	I .		l

<sup>\*</sup> If supplemental oil heating is desired, this column gives the correct thread size in oil pan. See NOTE on page 47.



Engine Model 120 Volts 240 Volts Watts Image Application Information  Kubota  M, B, L Series TF401-501 N/A 400 3/4" NPT    Mack	assage. of block ening.	Thread Size
M, B, L Series TF401-501 N/A 400 Mack  E7 Engines PF151-001 PF152-001 1500 Mounts in the plate in either the from face of the block in the water jacket prox 2002 engine — mounts in rear face and the block in the water jacket prox 2002 engine — mounts in rear face mounts in rear face of the block in the water jacket prox 2002 engine — mounts in rear face prox mounts in rear face prox mounts in the freeze plug ope Smooth opening design mounts in any threaded freeze opening design mounts in any threaded freeze opening design mounts in any of the 13/4" NPT open each side of the block and 1000 series V8 engines use two heaters  Mid liner MS200 & MS250  Mid liner MS300  MAM-101  MAM-102  MAM-101  MAM-102  Mounts in the water jacket of cooler bonnet depending on the mounts in the water jacket of cooler bonnet depending on the mounts in the water jacket of cooler bonnet depending on the mounts in the water jacket of cooler bonnet depending on the mounts in the water jacket of the block mounts in the water jacket of the	assage. of block ening.	
E7 Engines PF151-001 PF152-001 1500 Mounts in the plate in either the from face of the block in the water jacket pro 2002 engine — mounts in rear face symboth bore from 1981 on E6 engines threaded freeze plug opening design from 1981 on Pf102-001 PF102-001 PF102-001 PF102-001 PF102-001 Mounts in the freeze plug opening design from 1981 on Pf101-001 PF102-001 PF100 Mounts in the water jacket of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of the block in the water jacket of face of the block in the water jacket of face of the block in the water jacket of the block in the block in the water jacket of the blo	assage. of block ening.	
E7 Engines  PF151-001  PF152-001  1500  Mounts in the plate in either the from face of the block in the water jacket per 2002 engine — mounts in rear face from 1981 on  E6 engines "smooth bore" from 1981 on  E6 engines threaded freeze plug opening on the plug opening not produced after 1961 END 465, 711, EN438, 504, 707, 673, 675, 676 (1957 through 1981)  E9, ENDTRA65, 866 and 1000 series V8 engines use two heaters  Mid liner MS200 & MS250  MAMI-101  MAMI-102  MAMI-102  MOUNTS in the water jacket or cooler bonnet depending on the MS300  MAMI-151  MAMI-152  MAMI-152  MAMI-153  MAMI-154  MAMI-155  MAMI-155  MAMI-156  MAMI-157  MAMI-157  MAMI-158  MAMI-159  MAMI-159  MAMI-159  MAMI-159  MAMI-159  MAMI-150  MOUNTS in the water jacket or cooler bonnet depending on the MS300  Mounts in the water jacket or cooler bonnet depending on the MS300  Mounts in the water jacket or cooler bonnet depending on the MS300  Mami-151  MAMI-152  MBE904  MBE904  MBE906  PF101-001  PF102-001  Mounts in the water jacket or cooler bonnet depending on the MS300  Massey Ferguson  Massey Ferguson  Massey Ferguson  Mounts in any of the 1 1/4" find plug openings in the engine plug openings i	assage. of block ening.	
E6 engines "smooth bore" from 1981 on  E6 engines like and freeze plug opening not produced after 1961 END 465, 711, EN438, 504, 707, 673, 675, 676 (1957) through 1981)  E9, ENDT865, 866 and 1000 series V8 engines use two heaters  Mid liner MS200 & MS250  MAM-151  MAM-152  MAM-152  MAM-152  MAM-102  MAM-102  MAM-103  MAM-104  MAM-105  MAM-105  MAM-105  MAM-105  MAM-106  MAM-107  MAM-108  MAM-108  MAM-109	assage. of block ening.	
"smooth bore" from 1981 on  E6 engines threaded freeze plug opening not produced after 1961 END 465, 711, EN438, 504, 707, 673, 675, 676 (1957 through 1000 series V8 engines use two heaters  Mid liner MS200 & MS250  Mid liner MS300  MAM-151  MAM-152  MAM-152  MAM-152  MAM-102  MAM-102  MAM-103  MAM-104  MAM-105  MAM-105  MAM-105  MAM-105  MAM-106  MAM-107  MAM-108  MAM-108  MAM-109  MAM-109  MAM-109  Mam-109  Mounts in the water jacket or cooler bonnet depending on the cooler bonnet depending on the mater jacket or cooler bonnet dependi		
threaded freeze plug opening not produced after 1961 END 465, 711, ENJ 485, 711, ENJ 4	e plug	
and 1000 series V8 engines use two heaters  Mid liner MS200 & MS250  MAM-101  MAM-102  MAM-102  Mounts in the water jacket of cooler bonnet depending on the cooler bonnet depending on th		
MS200 & MS250  Mid liner MS300  MAM-151  MAM-152  MOunts in the water jacket of cooler bonnet depending on the cooler bonnet	ing on	1" NPT
MS300  Mercedes Benz  MBE904 MBE906  PF101-001  PF102-001  Most 3 cylinder 4 cylinder  MS300  Mercedes Benz  Right side rear. Replaces frost  Massey Ferguson  Mounts in any of the 1 1/4" from plug openings in the enging side of the color of the second side of the second	r oil : model	
MBE904 MBE906  PF101-001  PF102-001  1000  Right side rear. Replaces frost  Massey Ferguson  Most 3 cylinder 4 cylinder	r oil model	
MBE906  Massey Ferguson  Most 3 cylinder 4 cylinder		
Most PER-751FP PER-752FP 750 Mounts in any of the 1 1/4" from 1/4 of the 1 1/4 of the 1 1/4 of the	plug. yes	
3 cylinder PER-101FP PER-102FP 1000 plug openings in the engine 4 cylinder		
6 cylinder		
Navistar/International		
6.9L & 7.3L FC101-PY1 None 1000 No replacement cord availate through 1993 FC601-501 600 No replacement cord availate through 1993 FC601-501		
7.3L & T444 all series DD8L-101 DD8L-102 1000 3/4" NPT threaded opening in the	e block	
INLINE 6 CYLINDER		
9.0L — V8 diesel INT9-101F INT9-102F 1000 Mounts in a freeze plug		

<sup>\*</sup> If supplemental oil heating is desired, this column gives the correct thread size in oil pan. See NOTE on page 47.



**Note:** Kim-Glo heaters are complete with 2-wire w/ground 6 foot HPN cord and plug. For cord replacements or "Y" thermocord energy saver, please reference page 48.



Engine Model	Part Number 120 Volts	Part Number 240 Volts	Watts	Product Image	Application Information	Heat Shield Required	Oil heater Thread Size*
		Nav	istar/	Internatio	nal – continued	•	•
V800 (796 CID)	AC-101 CATV-151	AC-102 CATV-152	1000 1500		Threads into a 1" NPT opening in the oil cooler bonnet		
	•	•		Olive	r		•
ALL EXCEPT 1265, 1365 & 1900	TF751-002 DD8L-101	TF752-002 DD8L-102	750 1000		Threads into a 3/4" NPT opening in the block		
				Onai	า		'
				See CUMMINS "			
				Perkii	ns		
3.152 4.236 6.354 1004 (4 Cyl)	PER-751FP PER-101FP	PER-752FP PER-102FP	750 1000	<u></u>	Mounts in the 1 1/4" freeze plug opening on the right side of the engine		
1006 (6 Cyl)	PER-151FP	PER-152FP	1500	<u></u>	Mounts in the 1 1/2" freeze plug on the right side of the engine		
700 Series	FP531-001	FP532-001	530	V050	Mounts in freeze plug in rear of head		
704.30				-4-			
103.15 104.22	FP531-003	FP532-003	530		Mounts in freeze plug		
			l	Volve	0		1
TD60, TD61, TD70, TD71, TD100, TD101, VE10, TD120, TD121	VT6-101	VT6-102	1000	4	Mounts into threaded opening (44mm) in the front of the engine		
D12CAVE2 Up to SN 25050V	PF151-005	PF152-005	1500	1		yes	
D12CAAE2 After SN	PF121-002	PF122-002	1250	4	3/4" NPT	yes	
				YanMa	ar		
3T72HLE 4TN82E	TF401-501	N/A	600	Œ P			

ADD either "FM" or "FM-C" as the suffix to the part number to have the heater come with a flush mount cord set. See page 49.

**NOTE**: The only replacement parts for the direct immersion heaters is the power cord. Please see the power cord section on page 48 for the proper replacement cord set.

For thermostat control of Kim-Glo Direct Immersion Heaters see page 48. The energy saver Thermocord is available in various temperature ranges.

Supplemental heat for engines using Kim-Glo heaters can be acquired by the installation of oil pan heaters in the lube-oil. Reference pages 20 and 21 of this catalog or consult factory.

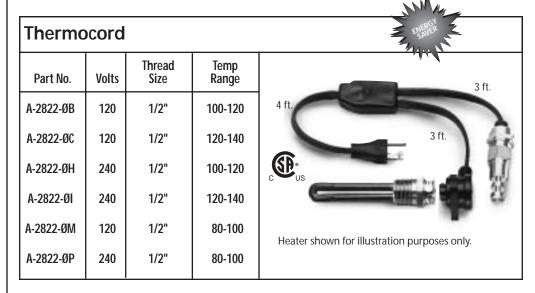
Customer Support: (509) 536-8660 Toll-Free FAX: (800) 224-5550 www.kimhotstart.com 47

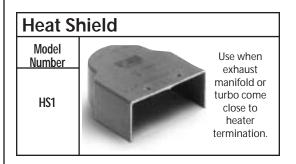
<sup>\*</sup> If supplemental oil heating is desired, this column gives the correct thread size in oil pan. See NOTE on page 47.

# Replacement Cords & Thermocords

For Us	For Use With Direct Immersion Heaters								
Cord Length	Plug Style	120 Volt	240 Volt	STYLE 1					
6'	1	IM6-1IN	IM6-2IN	15 amp 120 Volts					
11'	1	IM11-1IN	IM11-2IN	<b>№</b> 15 amp					
16'	1	IM16-1IN IM16-2IN		Fits most competitor's applications.					
Cord Length	Plug Style	120 Volt	240 Volt	STYLE 2					
6'	2	11PR72T	21PR72T	15 amp 120 Volts					
11'	2	11PR132T	21PR132T	Fits into flush mount housing					
16'	2	11PR192T	21PR192T	240 Volts					

NOTE: When ordering Kim-Glo Heater and Thermocord, place suffix –WOC (which stands for without cord) After the heater model number to save cost as the standard 6 foot heater cord is replaced by the Thermocord harness.





#### Flush Mount Kits For Tank Style Heaters

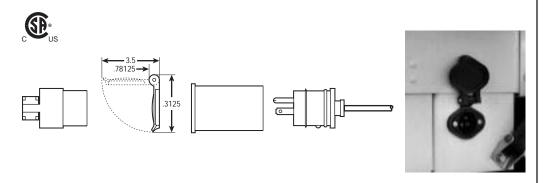
	For Tank Heaters							
Model Number *	Volts	Amps	For Heater with Wattage of:					
FM15120	120	15	500 to 1800					
FM15240	240	15	500 to 3000					
FM20120	120	20	2000 to 2250					

 $^{\star}$  Add "- C" to the end of the flush mount kit model number if a chrome flip cover is desired

#### All Kits Include . . .

Molded recessed male receptacle with 6 ft. cord, black hinged spring-loaded cover, and female connector.

**NOTE:** Molded female connector not included when the "FM" suffix is used on tank style heaters, Kim-Glo heaters or Kim-Glo cords.



#### **Other Accessories**

Rece	ssed Male Re	ceptacle –wi	th 6 ft. cord (no female connectors)
Model Number	Volts	Amps	
RM5-15 RM6-16 RM5-20 RM6-20	120 240 120 240	15 15 20 20	
	Female	Connector O	nly – for extension cords
Model Number	Volts Amps		
FM1G20A FM2G20A	120 240	15/20 15/20	
		Hinged	d Cover Only
Model Number	Descri	ption	3.25 ←.78125
*FC-KH FC-KH-C	Black/Ki Chrome/k	m Logo (im Logo	3.3125
*Note: S	tandard with ki	t.	
		Plug	Housing
Mod	el Number		
A-	2223-PH		

## Tank Heater Accessories