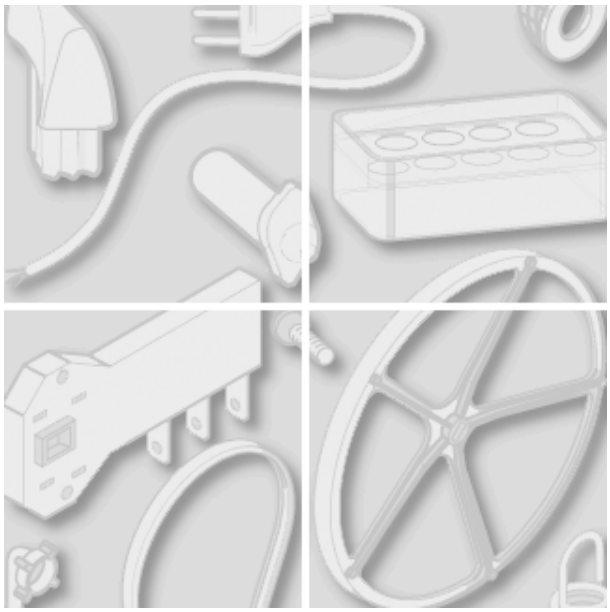
INDESIT company



Model type:
AQC96F7TM1EU

Commercial code:
F078465

General notes

Technical Documentation guidelines

You can find herewith some generic information to simplify cunsulting of technical documentation:

1. Models of same range share the same exploded views, which report the richest set of spare parts:generally, a model does not necessarly have a related spare part for each particular shown on exploded views.

2. Some spare parts can not be represented directly on the exploded views (instruction booklets, specific kit, etc...). You can find those codes in the spare parts list with the same reference of particular where spares are installed or with references 099, 999. Instruction booklets, once managed, appear with 000 reference.

3. On the higher right site of each exploded view there is a serial number which indicates the beginning of the production of certain range:some models might have more than an exploded view for a given category, each distinguished by a different serial no.and linked to another spare parts list, In this case, serial no. is required to supply the right spare part code. Exploded view to be considered is the one with a more recent serial no. but previous than the one of the model that needs assistance.

4.Exploded views might require further updates even after publishing. Addition of new spares will go on following the already existing numeration references. Revision number of an exploded view is shown into last four digits of serial number into upper right hand corner.

5.The spare parts list associated to an exploded view shows related codes of spares managed for a certain model; for each spare part other informations are available:

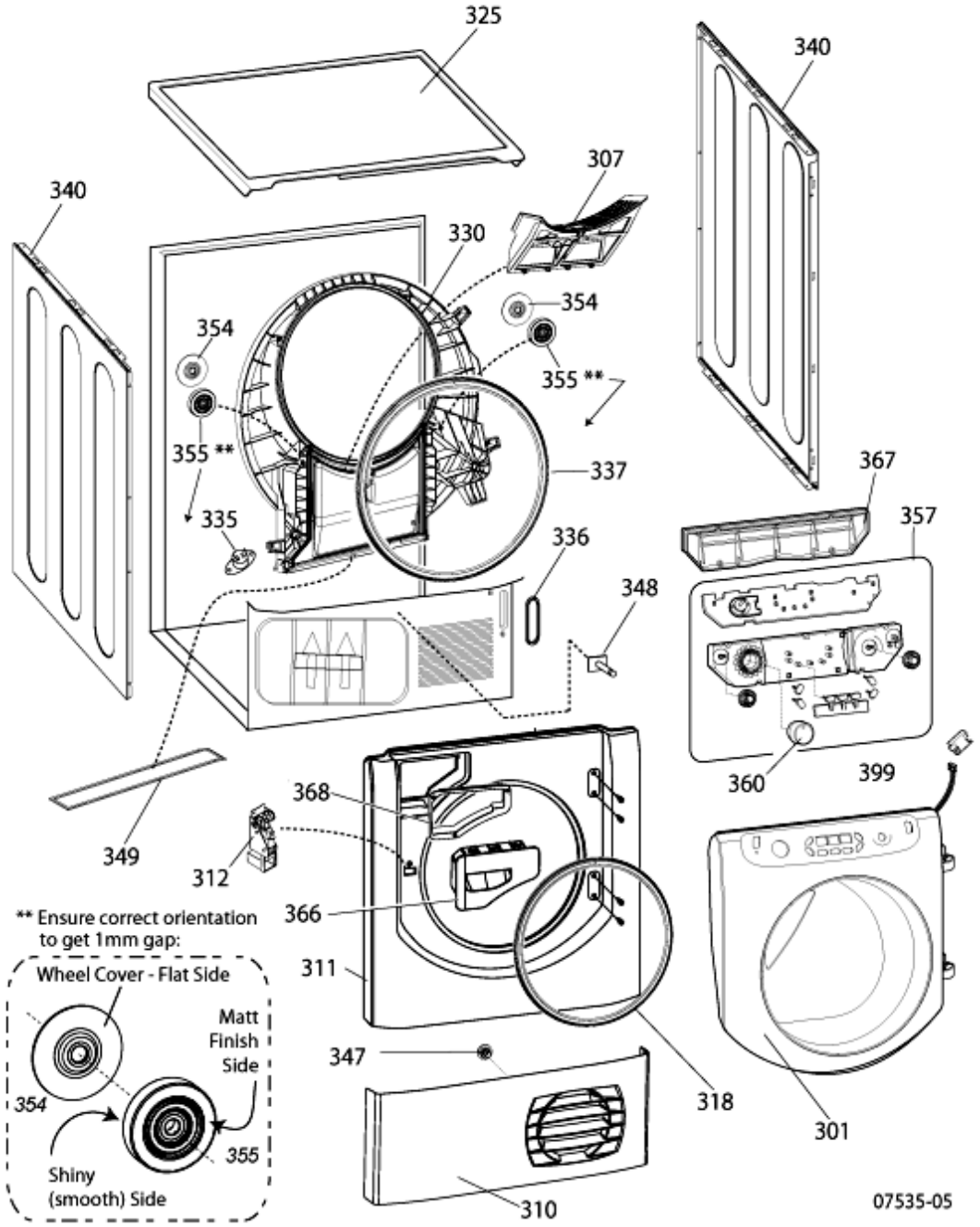
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

6. Some notices, into a same section are generic therefore cannot be directly linked to a spare part. In order to assist a model in the best way as possible, it is helpful to pay attention to all notices and constantly verify documentation updates

7.Technical documentation cover shows model name and its commercial codes

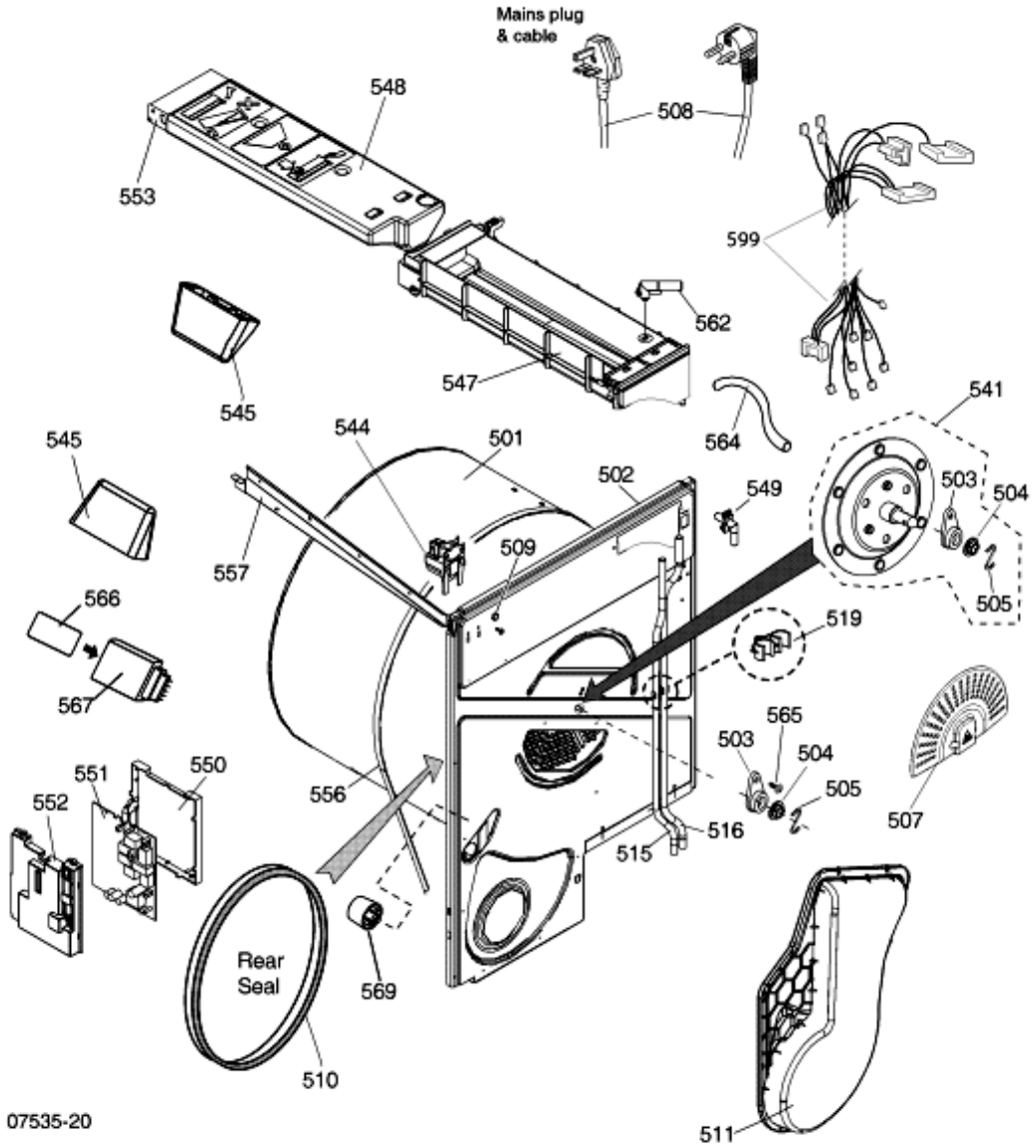
07535-05 Exploded views



07535-05 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
301	C00270409				hinge gasket		
301	C00297523				door frame assy a-60% titanium		
307	C00286296				filter aqualtis white		
310	C00268277				plinth white		
311	C00268273				front panel white		
311	C00280409				front panel to base seal		
312	C00296405				door switch aqualtis arcadia		
318	C00286480			1 x C00268375	door seal white aqualtis		
325	C00268256				worktop white		
330	C00141612				sensor strip		
330	C00286664				front air duct white aqualtis		
335	C00291937				thermistor front arcadia td		
336	C00113889				serial port cover		
337	C00268264				drum front seal		
340	C00095525				peg locating		
340	C00113856				side panel fmd white		
347	C00115798				plinth cover catch		
348	C00273204				latch plinth cover aqu		
349	C00295492				seal black foam (air duct to base)		
354	C00283709				protective wheel cover aqualtis		
355	C00272906				wheel kit		
357	C00297169				display module aqualtis black		
360	C00287329			1 x C00292883	components knob black aq hd		
360	C00292483				collar components knob aq hd lcd		
366	C00269976				container handle white		
367	C00270724				cover gasket		
367	C00286107				cover-plate grey aq hd		
368	C00269322				container support adaptor		

07535-20 Exploded views



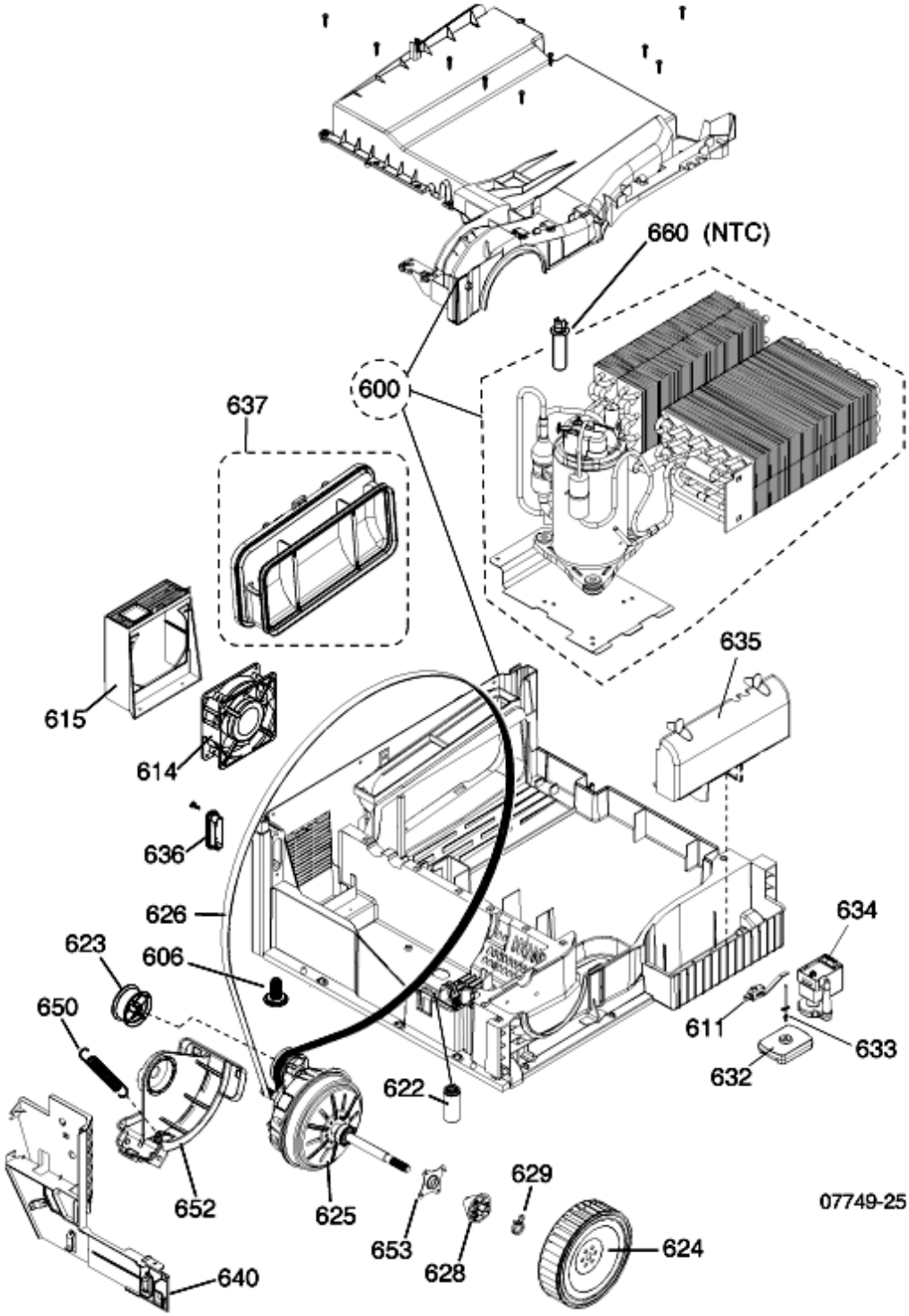
07535-20 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
501	C00286891				drum assy s/s pattern		
502	C00113860				seal base rear panel		
502	C00280402				rear panel aqualtis a class		
503	C00142628				drum rear bearing teardrop		
503	C00250889				screw		
504	C00142631				drum shaft collar		
505	C00209008			1 x C00095551	drive pin		
507	C00289203				brg cover plastic white		
508	C00095999				mains cable and plug		
509	C00095556				cable clamp/grommet		
509	C00250833				no7 hilo pozi screw		
510	C00258640				rear seal		
511	C00280425				pad		
511	C00290053				rear cover white		
515	C00113866				drain pipe 645mm		
515	C00114676				pipe support		
516	C00268529				pipe rubber 675mm		
541	C00305794				drum shaft kit (riveted drum plate)		
545	C00250835				screw 5 x 23		
545	C00286905				drum lifter short curved		
547	C00287014				water container support white		
548	C00268610				water container aqualtis		
549	C00268401				elbow		
551	C00296109			1 x C00303312	module arcadia dryer a class		
553	C00269322				container support adaptor		
556	C00297210				belt 7 rib (bpm motor)		
557	C00268409				side strut aqualtis		
562	C00113897				water cont inlet		
564	C00275182				water pipe top		
565	C00250889				screw		
566	C00297342				card aqc96f7tm1eu 8kb		
567	C00272306				smart reader for card 8kb 32kb +		
599	C00279523				cable sensing strip		
599	C00294398				harness l&n dryer condenser		
599	C00296340				harness heat pump compressor-		

07535-20 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
599	C00296385				harness heat pump ntc-door-ntc		
999	C00295555				service manual		
999	C00295636				service manual		
999	C00309155				service manual		

07749-25 Exploded views



07749-25 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
600	C00271612				screw 14mm cond base		
600	C00297415			1 x C00298298	base assembly a class -60 bpm		
606	C00262630				foot mount insert		
606	C00283414				adjustable foot		
611	C00258878				float switch n/o		
614	C00278773			1 x C00301562	impeller cooling (td) a class		
615	C00287987				fan cover a+30		
622	C00279827				capacitor 17 uf. compressor	n4413d00	
622	C00296252				capacitor 18 uf. compressor	n4413d00	
623	C00297219				jockey wheel (bpm motor)		
624	C00095611				screw m5 t/tite hex		
624	C00297195				fan (td) (punker)		
625	C00297214				motor askol bpm		
626	C00297210				belt 7 rib (bpm motor)		
632	C00195866				float		
633	C00259700				float pin 75mm		
634	C00193127			1 x C00306876	pump		
635	C00193187			1 x C00288932	pump and float cover		
636	C00113889				serial port cover		
637	C00280393				filter and support assembly		
640	C00294037				cable guide housing a class arcadia		
650	C00297962				tension spring		
652	C00297961				askoll motor support		
653	C00299247				ascoll rear seal coupling (with		
660	C00296193				ntc thermistor arcadia heat pump		

Notices

n4413d00: HEAT PUMP COMPRESSOR CAPACITORS

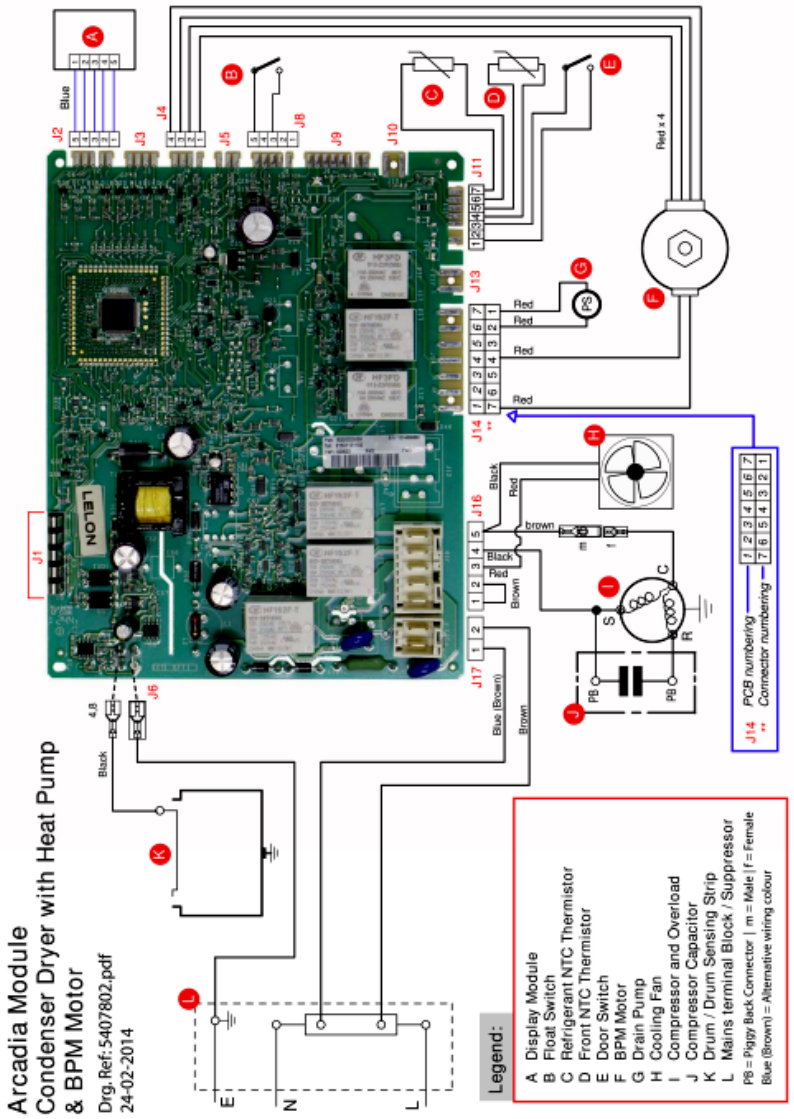
TWO DIFFERENT CAPACITORS HAVE BEEN USED IN PRODUCTION, DEPENDING WHICH HEAT PUMP COMPRESSOR IS FITTED TO THE MACHINE.

17uF IF A HIGHLY (HITACHI) COMPRESSOR
18uF IF A REICHI COMPRESSOR
UPTO 2012 ONLY THE HIGHLY (HITACHI) COMPRESSOR WAS USED IN PRODUCTION
FROM 2012 BOTH COMPRESSORS HAVE BEEN USED IN PRODUCTION

HIGHLY (HITACHI) COMPRESSOR	17uF CAPACITOR
REICHI COMPRESSOR	18uF CAPACITOR

Electric schemes and links

Cod. 5407802



Legend

Legend: 5407802

Electric schemes and links

Cod. 5407852

Indesit Company

FAULT CODES QUICK GUIDE
for Heat Pump Tumble Dryers fitted with ARCADIA electronics and BPM Motor

NOTE: This information ONLY a guide to possible solutions.

Other components (not mentioned here) or the way the product is used could also cause fault codes to be displayed.

Filters should always be checked for blockage.

Code	Fault	Check for Corrective Action
F01	Motor Circuit Fault	Check Motor and Motor Wiring and Connections, including relevant module edge connector. Check Door Switch and wiring and Connections. Check Compressor and wiring and connections
F02	Motor Fault - Open or Short circuit	Check Motor and Motor Wiring and Connections, including relevant module edge connector.
F03	Front NTC	Check Front NTC and attached wiring and module connections including relevant module connections.
F04	Not used	----
F05	Not used	----
F06	Heat Pump Refrigerant NTC open or short circuit	Check NTC, attached to the refrigerant circuit, Check attached wiring and module connections including relevant module connections
F07	Compressor - Open or Short Circuit	Test the Compressor, Capacitor, and attached wiring and connections including the relevant edge connector.
F08	Not used	----
F09	File Setting Corrupted	Rewrite settings file using EMIT, Smartcard or PDA.
F12	Communication Error	Check the wiring harness between the Display and Power Modules.
F13	Air Duct NTC Overheating	Check the NTC and attached Circuit and Connections. Check the Machines Filter is Clean. Check the machines air flow for blockages. Check the machines Plinth and air vents are not onstructed or blocked. Check the Front Filter (behind the Plinth) is clean and the housing is not blocked with fluff.
F14	Not used	----
F15	Cool NTC Overheating (Refrigerant Circuit)	Check NTC, attached to the refrigerant circuit, Check attached wiring and module connections including relevant module connections
F18	BPM Motor Communication Error	Check wiring between BPM Motor and Module Connectors J4 (Data) and J14 (Power).

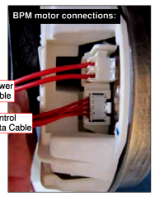
See next page for BPM Motor Notes

Indesit Company

SERVICING NOTES

New BPM Motor.
This is a digitally controlled motor which is connected to the power module by 2 wiring harnesses. One supplies the power and the other the control data.
> A 2 way harness from connection J14 - power.
> A 4 way harness from connection J4 - control data information.
Fault code F18 will display for any motor related faults including poor or loose connections on either of the 2 wiring harnesses.

Testing the motor.
This motor cannot be run independently of the power module.
It cannot be tested with a multimeter because it does not have the motor winding construction of a conventional motor.
It does not have an external capacitor.



Legend

Legend: 5407852