



Manitowoc®

Parts Manual

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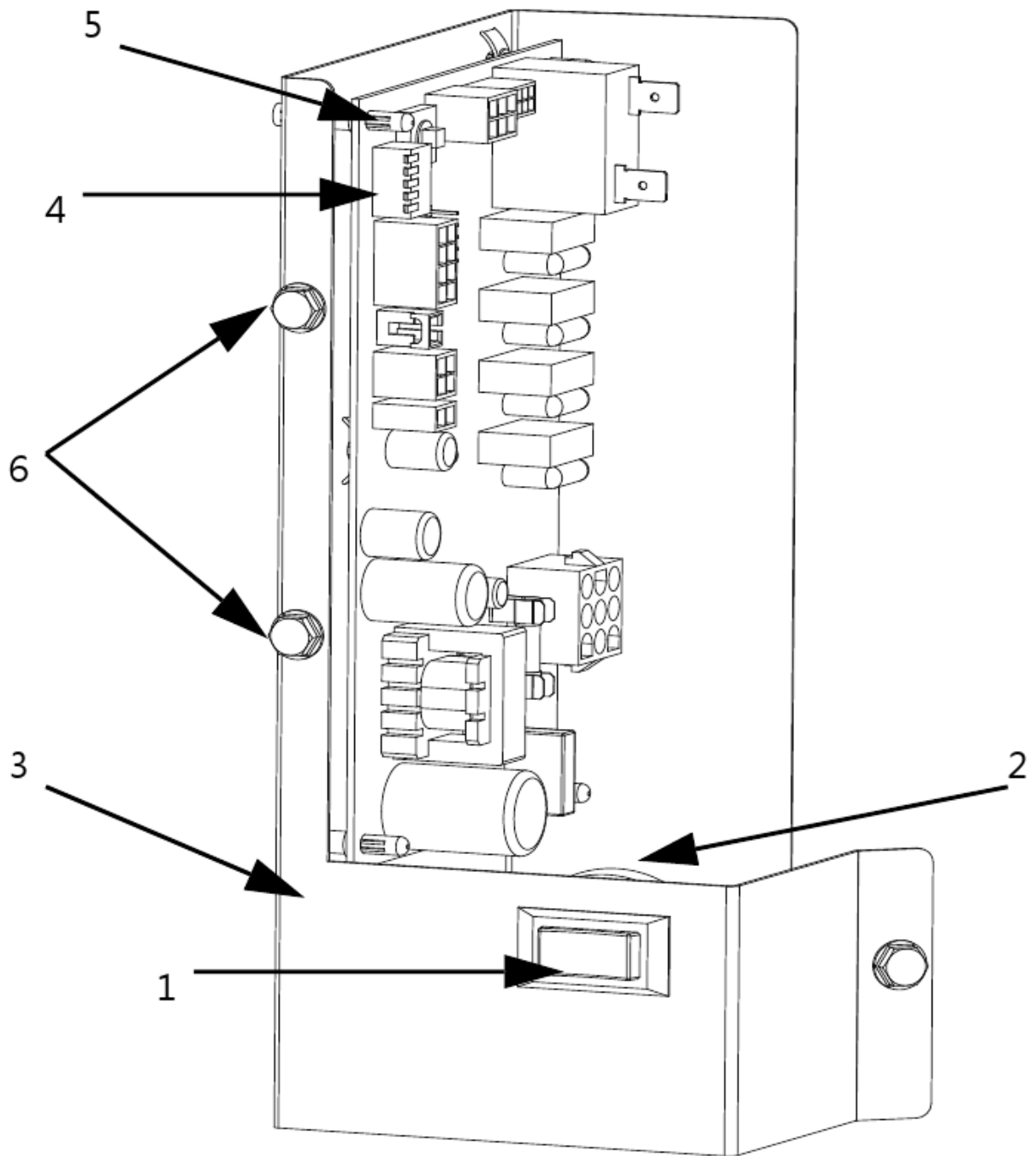
For more Parts Information:
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UG050 (Non-Americas)

UG50 Control Box



UG050 (Non-Americas)

UG50 Control Box

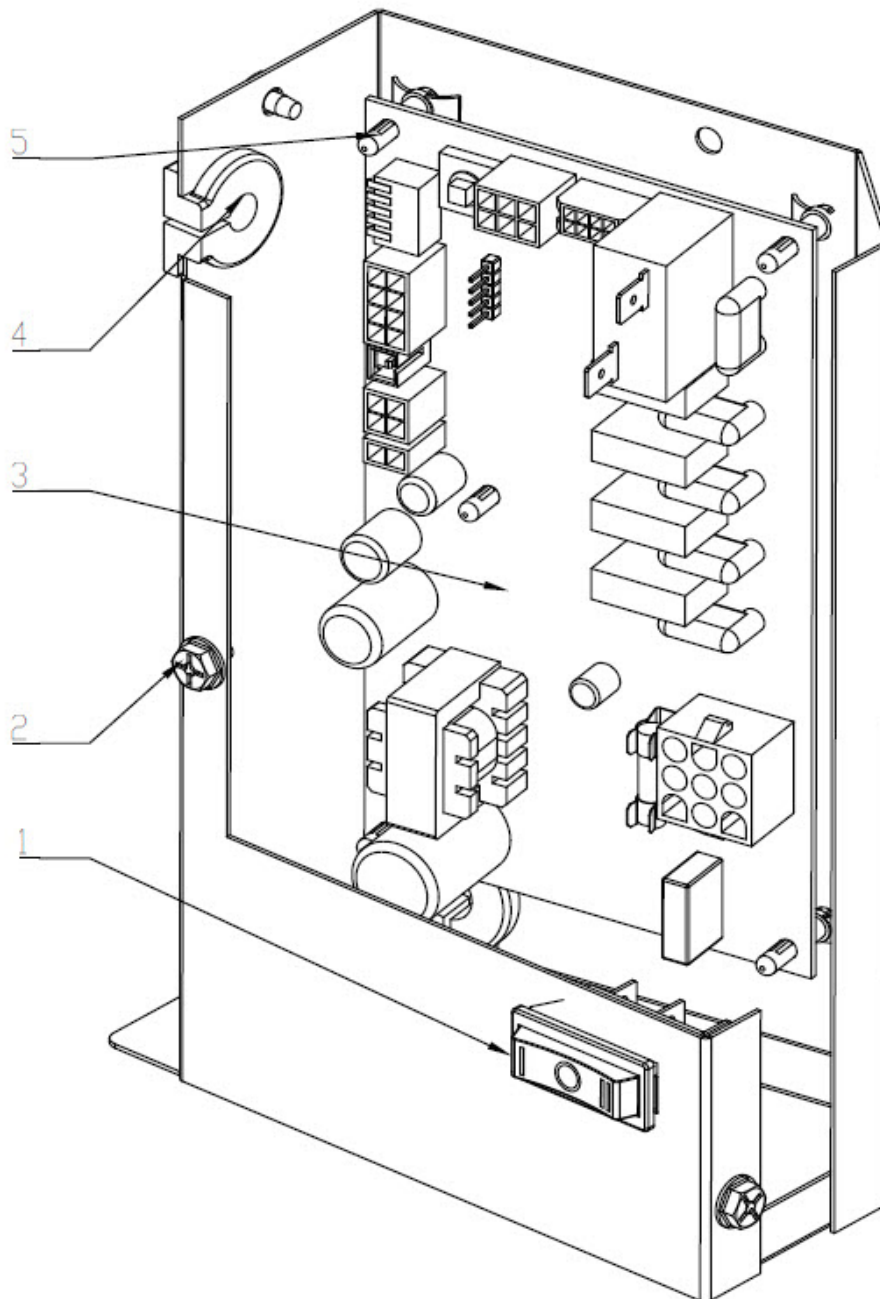
#	PART #	DESCRIPTION	QTY	Note
1a	2301513	Toggle Switch		[1]
1b	040005440	Toggle Switch		[2]
2	2500139	Bushing - 1.5"		
2a	2501409	Bushing - 0.875"		
3		Control Box - See Notes for Usage		
3a	040002335	Control Box		[3]
3b	040005443	Control Box		[4]
3c	040005445	Control Box		[5]
3b	040003035	Base - Control Box		[6]
4a	040002984	Control Board		[1]
4b	040005521	Control Board		[2]
5	4302253	Control Board Mounting Supports		
6	5202329	Screw - #10-24 x 0.25" PHIL		
7		Control Box Cover		
7a	040002336	Cover - Control Box		[7]
7b	040003036	Cover - Control Box		[6]
8		Wiring Harness - Main		
8a	040003491	Wiring Harness - Air-cooled - 230V/50-60 Hz		
8b	040004045	Wiring Harness - Water-cooled - 230V/50 Hz		
9	040003438	Wiring Harness - Toggle Switch		
10		Jump Wire		[8]
10a	040003063	Jump Wire - 230V/50 Hz		[7]
10b	040003069	Jump Wire - 230V/50 Hz		[6]
10c	040003437	Jump Wire - 115V/60 Hz		
10d	040003433	Jump Wire - 230V/60 Hz		

PART NOTES:

- [1] - Before Serial Number 310370498
- [2] - After Serial Number 310370498
- [3] - Air-cooled
Before Serial Number 310370498
- [4] - Air-cooled
After Serial Number 310370498
- [5] - Water-cooled
After Serial Number 310370498
- [6] - Water-cooled
- [7] - Air-cooled
- [8] - Not Shown

UG050 (Non-Americas)

UGP50 Control Box



UGP50 Control Box

UGP50 Control Box

UG050 (Non-Americas)

UGP50 Control Box

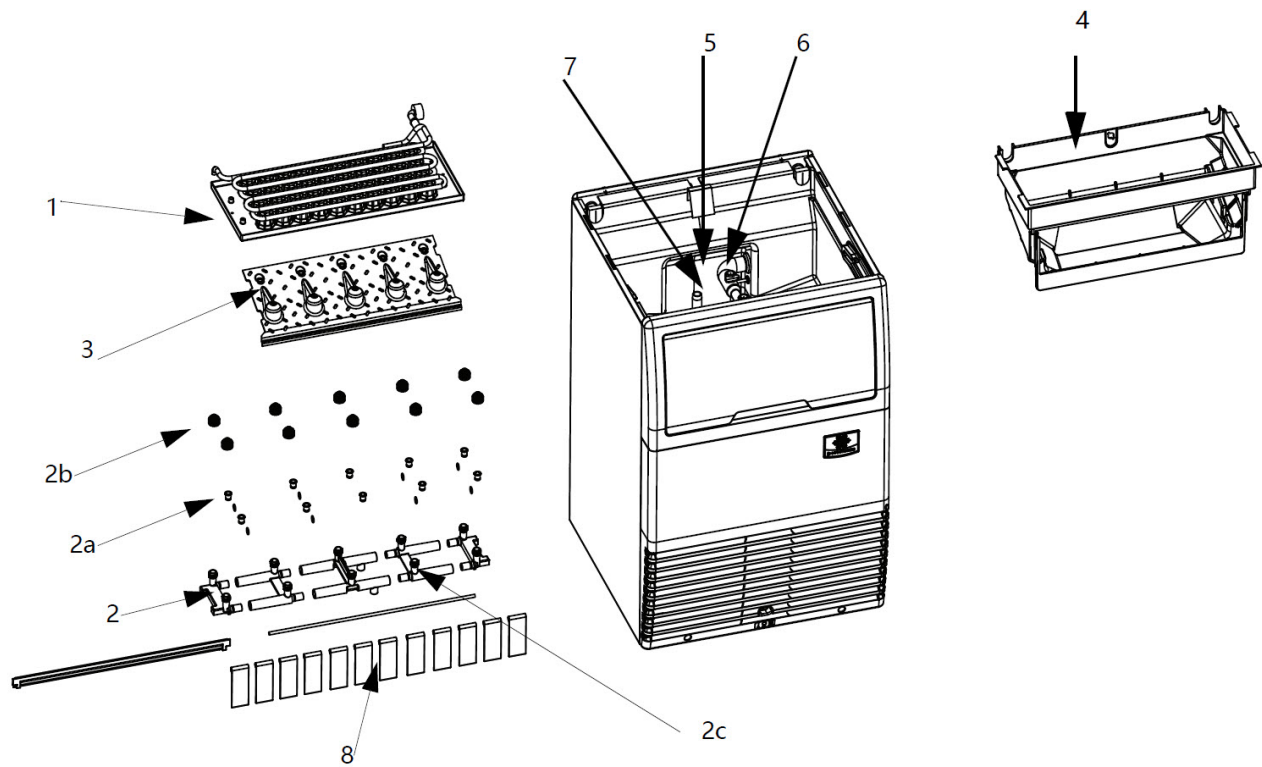
#	PART #	DESCRIPTION	QTY	Note
1	040005440	Toggle Switch		[1]
2	5202329	Screw - #10-24 x 0.25" PHIL		
3	040006639	Control Board		
4	040006595	Protection Grommet		
5	4302253	Control Board Mounting Supports		
6	040006638	Wiring Harness - Main		
7	040003438	Wiring Harness - Toggle Switch		
8	040003063	Jump Wire - 230V/50 Hz		

PART NOTES:

[1] - After Serial Number 310370498

UG050 (Non-Americas)

UG50 Evaporator Assembly



UG050 (Non-Americas)

UG50 Evaporator Assembly

#	PART #	DESCRIPTION	QTY	Note
1		Evaporator Assembly		
1a	040004465	Evaporator Assembly - Standard		
2	040004660	Spray Bar Assembly		[1]
2a	4008779	Insert		[2]
2b	4008769	Cap		[2]
2c	5004639	O-ring		
3	040003479	Ice Ramp		
4	040003480	Evaporator Housing Assembly		
5	040003054	Water Level Thermistor		
6	040005204	Tubing - Pump to Spray Bar		[3]
7		Standpipe Assembly		
7a	4010379	Standpipe		
7b	040000096	Plug		
7c	4014933	Drain Screen		
8		Curtain Assembly		[4]
8a	040003482	Paddle - 12		[5]
8b	3004559	Rod		
8c	040003481	Curtain Hanger		
9	5650649	Snap Clamp - 0.75" - Nylon		
10	6072481	Water Inlet Diverter		
11	040004977	Bin Thermistor		

PART NOTES:

- [1] - Includes spray module end, spray module extension, spray module center, o-rings, spray nozzle cap and spray nozzle insert.
- [2] - each
- [3] - Water Pump Out
- [4] - 6 pieces
- [5] - 1 each - order correct amount for your model

UG18UG20 ---6 paddles

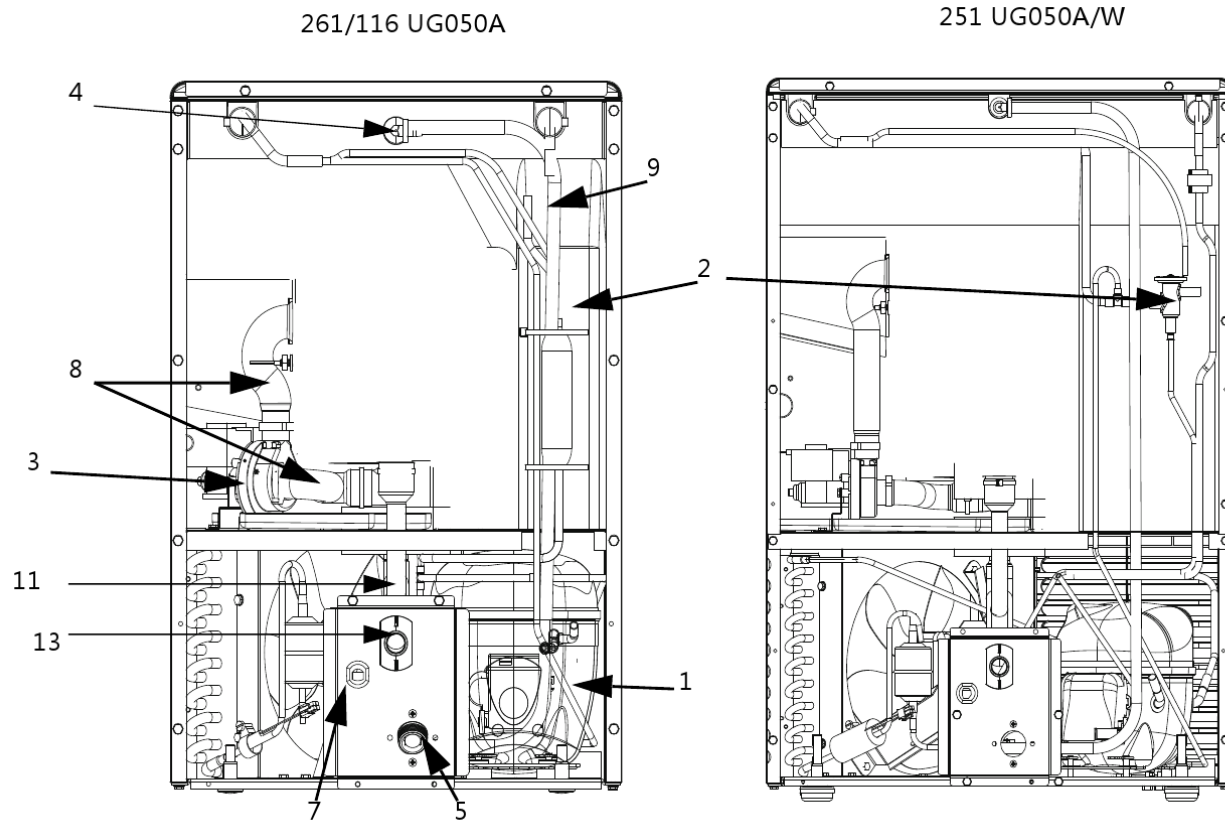
UG30 ---8 paddles

UG40UG50 ---12 paddles

UG65UG80 ---16 paddles

UG050 (Non-Americas)

UG50 Refrigeration Compartment – Common Components



UG050 (Non-Americas)

UG50 Refrigeration Compartment – Common Components

#	PART #	DESCRIPTION	QTY	Note
1		Compressor		
1a	040002777	Compressor - Embraco - 220-240V/50 Hz		[1]
1b	7601323	Compressor - Danfoss - 115V/60 Hz/1 Ph		[2]
1c	040000160	Compressor 230, 50/60 1 Ph Danfoss		[3]
1d	040006735	Compressor - 220-240V/50-60 Hz		[4]
2		Cap Tube Assembly/Expansion Valve		
2a	040004374	Cap Tube Assembly		[5]
2b	040004373	Cap Tube Assembly - USE UP		[6]
2c	040003693	Expansion Valve		[7]
2d	000015752	Expansion Valve - R290		[8]
3		Water Pump		
3a	040005215	Water Pump Assembly - 230V/50 Hz		[9]
3b	040005216	Water Pump Assembly - 230V/60 Hz		[10]
3c	040005214	Water Pump Assembly - 115V		[11]
4	040004041	Evaporator Water Inlet Fitting		
5		Water Inlet Valve		
5a	040001077	Water Inlet Valve - 230V/50-60 Hz		[12]
5b	040001078	Water Inlet Valve - 230V/50-60 Hz		[13]
5c	040004037	Water Inlet Valve - 115V/60 Hz		[14]
5d	000000827	Mylar Shield		
6	4008759	Condensate Tray		
7	2512043	Strain Relief - Power Cord		
8		Vinyl Tubing		
8a	040005204	Tubing - Pump to Spray Bar		
8b	000000942	Tubing - Sump to Pump		
8c	5000493	Snap Clamp - 0.985" x 1.135" ID		
9		Water Inlet Tubing .375 ID		
9a	000006439	Vinyl Tube - 0.375" ID x 37" L		
9b	000006438	Tubing - 0.375" ID x 45.0" L		
10	040001088	Water Supply Hose		[15]
10a	040003502	Water Supply Hose		[16]
11	040002340	Bin Drain Tube		
12	5650733	Cable Tie - 8.0" L		
13	4011289	Drain Fitting Barbed		
14	5004429	Screw 7 x 7 mm		[17]
15	5005023	Screw 5 x 13 mm		[18]
16		Compressor Mounting		
16a	5648269	Compressor Mounting Retainer		
16b	3712109	Compressor Clevis Pin - 0.25" x 1.0"		
16c	5648289	Compressor Hairpin Clip		
18	5005253	Leg Leveler		
17		Power Cord		
17a	040001284	Power Cord - 230V/50 Hz/1 Ph		[19]
17b	040001283	Power Cord - 230V/60 Hz/1 Ph		[20]
17c	040002464	Power Cord - 115V/60 Hz/1 Ph		
17d	040005840	Power Cord - Flat Blades (AUS)		

UG50 Refrigeration Compartment – Common Components

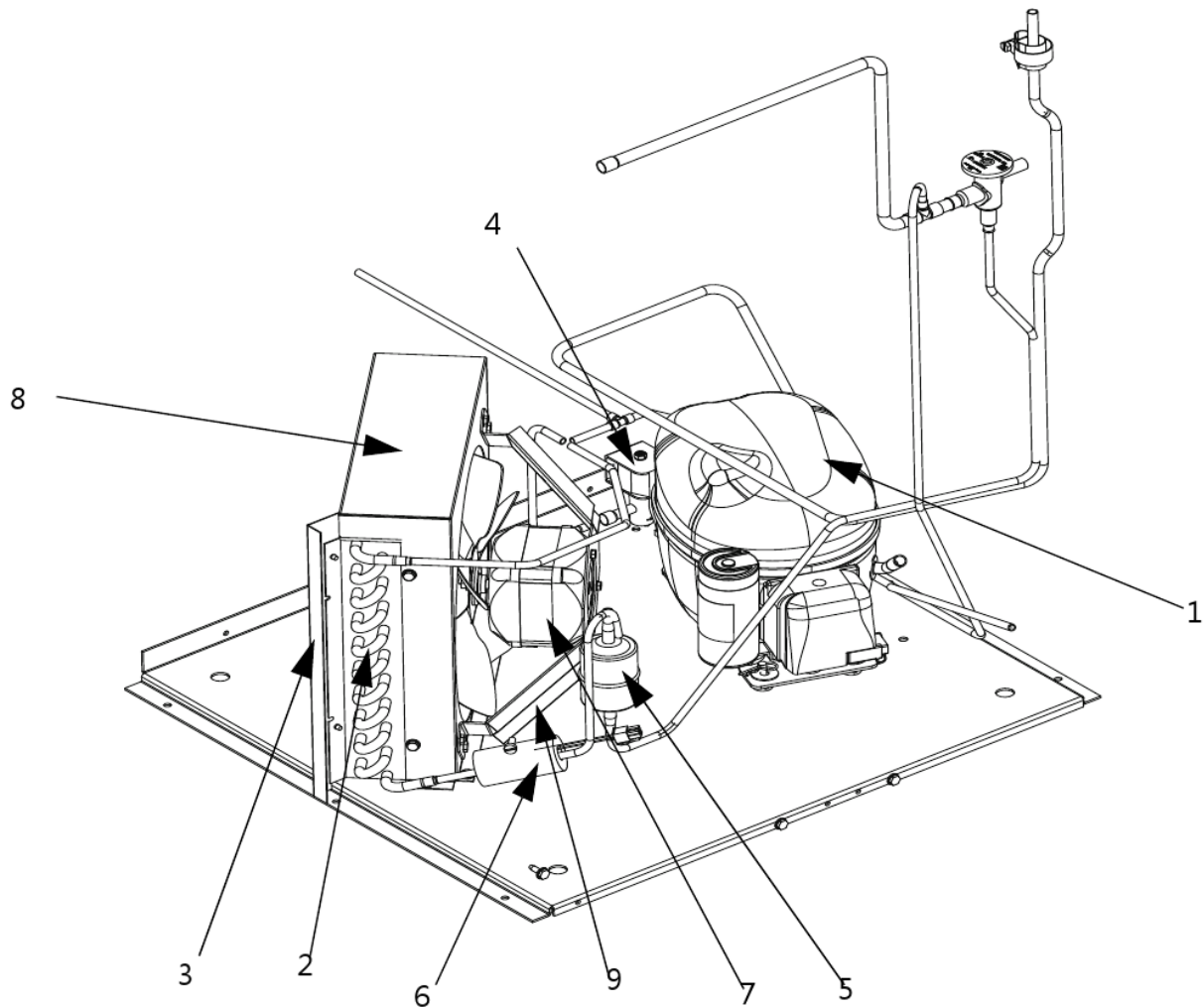
UG050 (Non-Americas)

UG50 Refrigeration Compartment – Common Components

#	PART #	DESCRIPTION	QTY	Note
PART NOTES:				
[1]	-	Includes Start Components Used on UGF Models		
[2]	-	Used on UGF Models		
[3]	-	Used on UGF Ice Machine.		
[4]	-	Used on UGP Models		
[5]	-	115V/60 Hz		
[6]	-	230V/60 Hz		
[7]	-	Used on 230V/50 Hz - UGF Models		
[8]	-	Used on 230V/50 Hz - UGP Models		
[9]	-	Includes water pump, clamp-snap and pump bracket.		
[10]	-	Includes water pump, tubing, snap-clamp and pump bracket.		
[11]	-	Includes water pump and pump bracket.		
[12]	-	230V - Air-cooled Models		
[13]	-	230V - Water-cooled Models		
[14]	-	115V - Air- Water-cooled		
[15]	-	Used on 60 Hz UGF Models 50 Hz UGP Models		
[16]	-	Used on 50 Hz UGF Models		
[17]	-	mounts water inlet valve		
[18]	-	mounts water pump		
[19]	-	Flat w/Ground		
[20]	-	No Plug/Bare Lead		

UG050 (Non-Americas)

UG50 Refrigeration Compartment – Air-cooled Components



UG050 (Non-Americas)

UG50 Refrigeration Compartment – Air-cooled Components

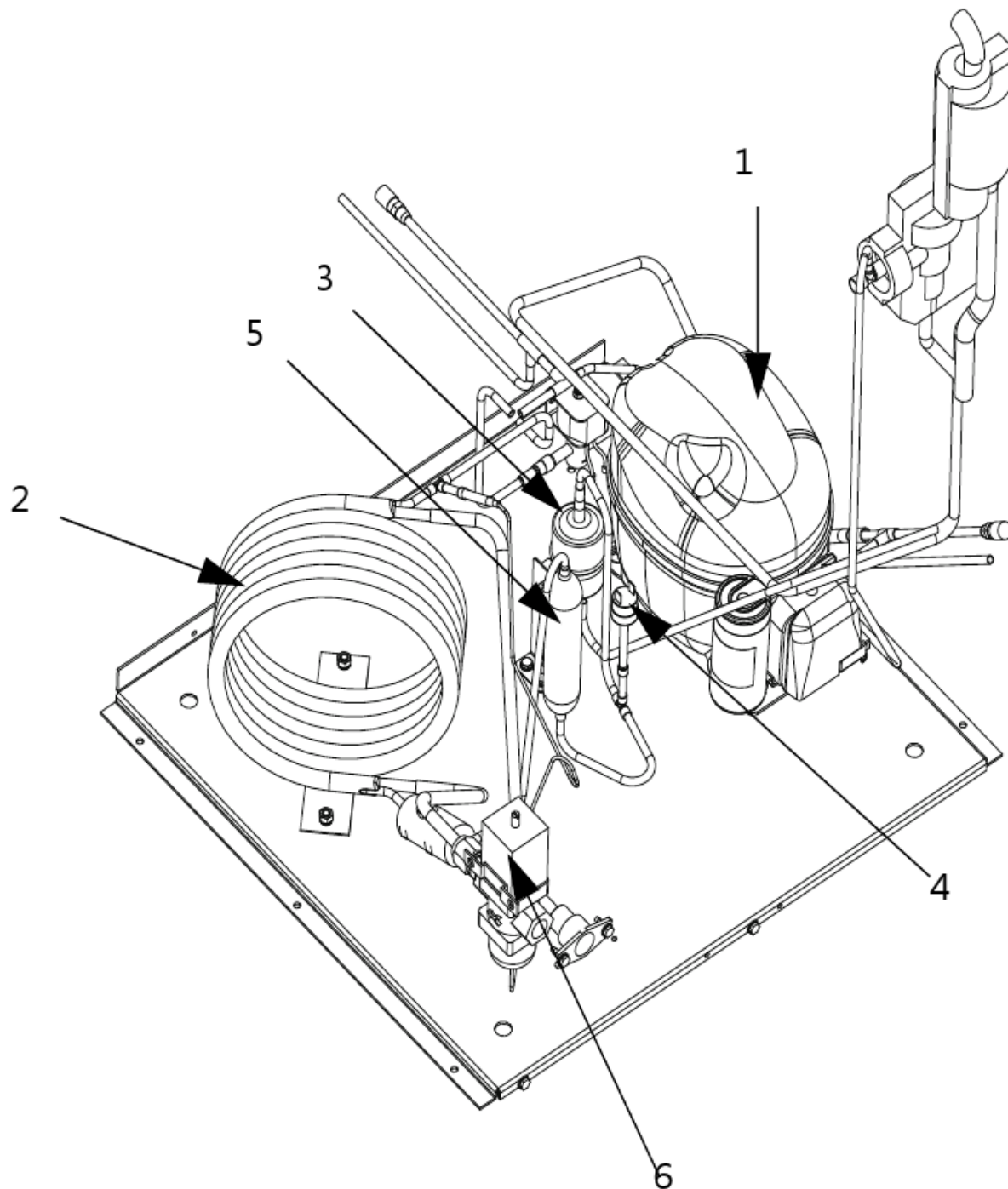
#	PART #	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	040002578	Air Condenser		
3	040002544	Baffle - Air Condenser		
4		Harvest Valve		
4a	040008539	Harvest Valve with Coil - 230V/50-60 Hz/1 Ph		
	040000103	Harvest Valve Coil Only - 230V/50-60 Hz/1 Ph		
4b	040008538	Harvest Valve with Coil - 115V/60 Hz/1 Ph		
	040000101	Harvest Valve Coil Only -115V/60 Hz/1 Ph		
5	8252169	Drier		
6	040003056	Liquid Line Thermistor		
7		Fan Motor		
7a	2000219	Fan Motor - 208-230V/50-60 Hz		
7b	040005737	Fan Motor - 115V/60 Hz		
7c	3005659	Fan Blade		
8	040002339	Fan Shroud		
9	040002341	Fan Motor Mounting Bracket		
10	5004499	Screw - M5 x 13 mm		[2]
11	5005513	Screw - Hex Head - M4 x 0.7 mm		[3]
12	040004977	Bin Thermistor		[4]

PART NOTES:

- [1] - Refer to COMMON PARTS Page
- [2] - bracket to fan shroud
- [3] - Mounts Fan Motor to Bracket
motor to bracket
- [4] - not shown

UG050 (Non-Americas)

UG50 Refrigeration Compartment – Water-cooled Components



UG50 Refrigeration Compartment – Water-cooled Components

UG050 (Non-Americas)

UG50 Refrigeration Compartment – Water-cooled Components

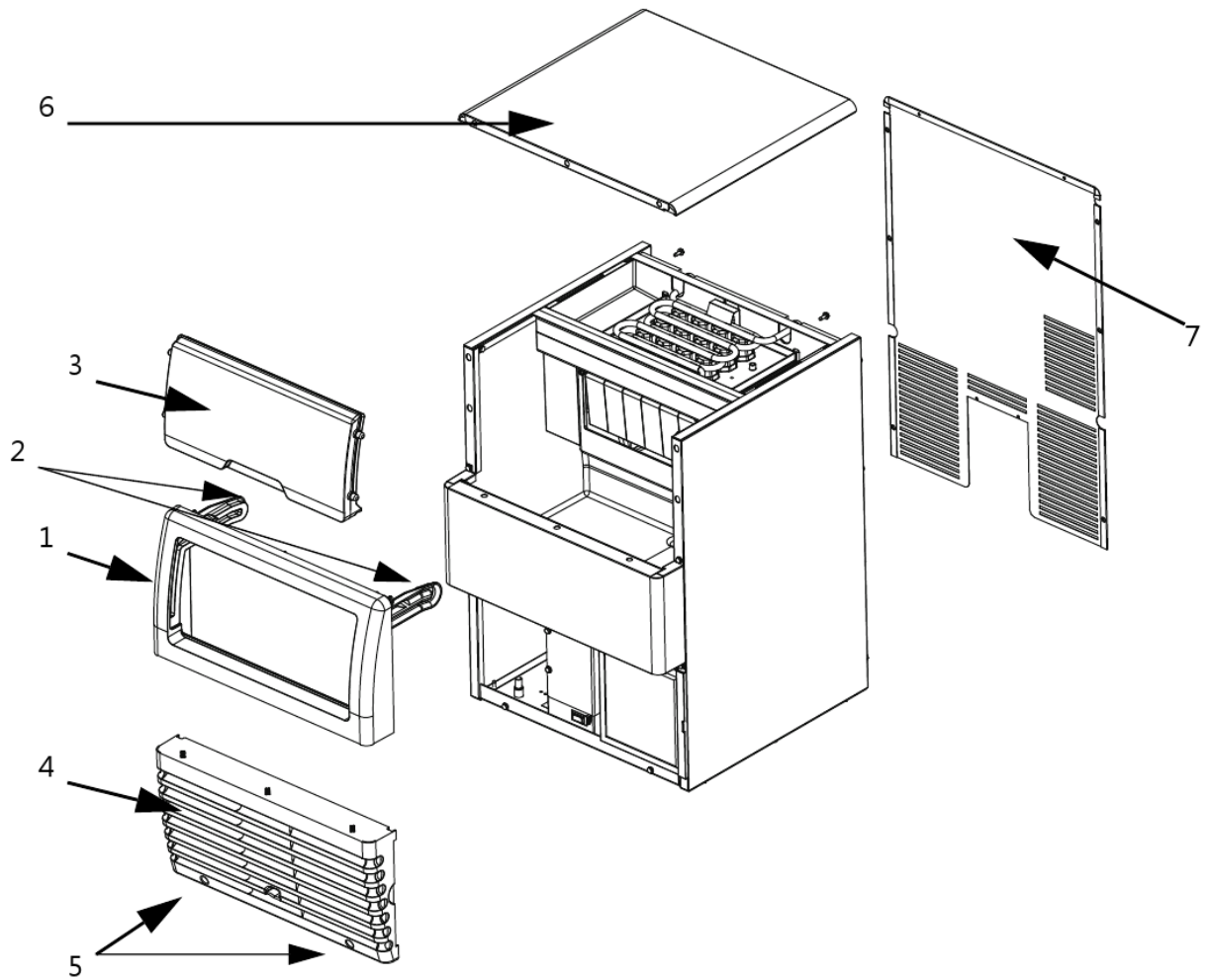
#	PART #	DESCRIPTION	QTY	Note
1		Compressor		[1]
2	8252529	Water-cooled Condenser		
3	8252159	Line Drier		
4	000013579	High Pressure Cut-out - 300-450 psig		
5	8252519	Receiver		
6	8372103	Water Regulating Valve - USE UP		
7	8706103	Female Wing Adapter - Brass - 0.5" NPT x 0.375" ODF		
8	6068971	Water Regulating Valve Bracket		

PART NOTES:

[1] - Refer to COMMON PARTS Page

UG050 (Non-Americas)

UG50 Panels



UG050 (Non-Americas)

UG50 Panels

#	PART #	DESCRIPTION	QTY	Note
1	040003734	Door – Gray		
2	040004090	Door Frame - Gray		
3	040003738	Door Track Assembly		
4	040002577	Door Assembly		[1]
5	040002577	Grill		[2]
6	000001718	Screw - M5 13mm - USE UP		
7	6056019	Top Cover		
8	040003594	Back Panel		
9	5005253	Leg Leveler		
9	040004372	Air Filter - 9.54" x 8.91"		[3]

PART NOTES:

- [1] - Includes rear door, front door and pin door.
- [2] - Not Including Air Filter
- [3] - Includes air filter and air filter bracket.