

SUBMITTAL DATA

HYDRO **MAXX**

MODEL NO MOD30U-36HFN1-M LIGHT COMMERCIAL SINGLE ZONE OUTDOOR 36,000BTU/H CONDENSER

JOB NAME: **LOCATION:** **DATE:**
PURCHASER: **ENGINEER:**
SUBMITTED TO: **FOR:** **REVIEW** **APPROVAL**



COMPATABILITY:

SINGLE ZONE INDOOR SYSTEM:

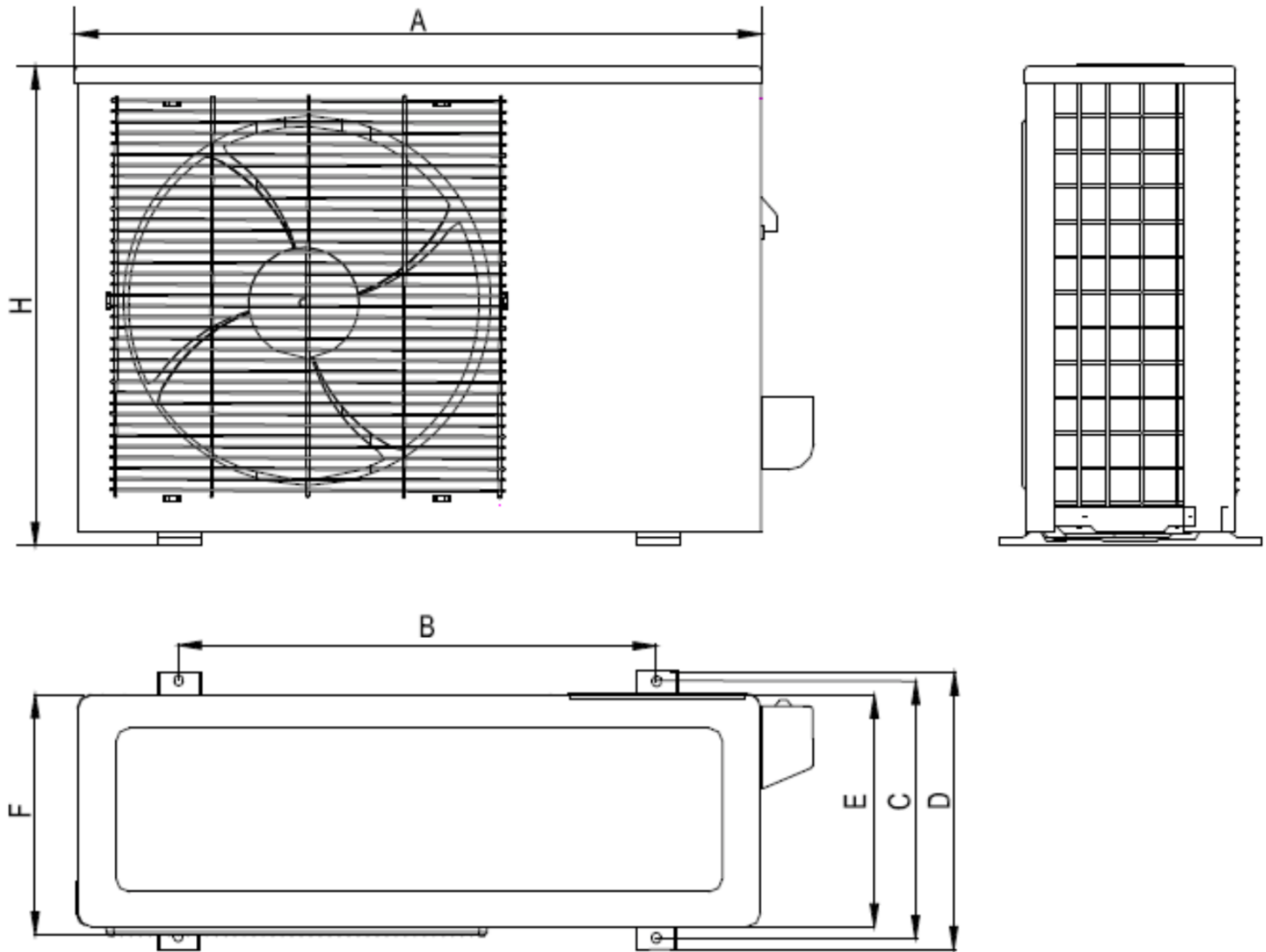
- 1) DUCT MODEL NO. CTB-36HWFN1-M(C)
- 2) CONSOLE MODEL NO.
- 3) CASSETTE MODEL NO. MCD-36HRFN16M(C)

MULTI-ZONE INDOOR MODELS: NO

SPECIFICATIONS:

Accessories	Line sets – insulated and flared.	TCP24L25 TCP24L50
Outdoor	Wall bracket	PJ412E
Outdoor	Riser support	SD01B
Safety Certifications		ETL
Warranty		2 YEARS PARTS, 6 YEARS COMPRESSOR

Model		MOD30U-36HFN1-M		
Power supply	V- Ph-Hz	208-230~1-60		
Max. fuse	A	50.0		
Compressor	Model	ATF310D43UMT		
	Type	ROTARY		
	Brand	GMCC		
	Capacity	Btu/h	32823	
	Input	W	2570	
	Rated current (RLA)	A	22.00	
	Locked rotor Amp(LRA)	A	----	
	Thermal protector position		EXTERNAL	
	Capacitor	uF	----	
Refrigerant oil	ml	ESTER OIL VG74/1000		
Outdoor fan motor	Model	ZKFN-120-8-2		
	Qty	1		
	Input	W	120(Output)	
	RLA	A	1.0	
	LRA	A	----	
	Winding Resistance	Ω	----	
	Capacitor	uF	----	
Speed	r/min	950		
Outdoor air flow (Max.)	m3/h	4300		
Outdoor air flow (Max.)	CFM	2530		
Outdoor noise level		dB(A)		
Throttle type		Capillary +EXV		
Outdoor unit	Dimension (W×D×H)	inch	37.24x16.14x31.89	
	Packing (W×D×H)	inch	42.91x19.69x34.06	
	Net/ Gross weight	lbs.	148.59/160.94	
Refrigerant type/Quantity	Type/Charged volume	Oz	R410A/108	
Refrigerant precharge		ft	25	
Additional charge for each ft		oz	0.32	
Design pressure		PSIG	550/340	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")	
	Max. pipe length	m	65	
		ft	213	
	Max. difference in level	m	30	
ft		98		
Ambient temperature	Cooling	°C	-15~50	
		°F	5~122	
	Heating	°C	-15~30	
		°F	5~86	



GENERAL FEATURES:

- ULTRA-QUIET OPERATION
- RANDOM SWING, AIRFLOW DIRECTION CONTROL
- SELF-DIAGNOSTICS, LCD DISPLAY
- AUTO RESTART OPERATION
- DEHUMIDIFIER MODE
- FRESH AIR INTAKE FUNCTION
- LOCAL SERVICE PARTS STOCK IN BC, CANADA



*FOR CONTINUAL PRODUCT DEVELOPMENT, HYDROMAXX INC. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE

EX_ID	Spare Parts Code	Part Name (EN)	Qty.	Min Shipments	Part Status	Remarks	Long Term Material (Y or N)	High Rate of Replacement (Y or N)	Option Parts
1	1222200006665	Left side plate assembly of cabinet	1		In use				
1.1	12100701000033	Small handle	1		In use				
2	1582200008779	Condenser assembly	1		In use				
3	11201007000136	Pipe temperature sensor	1	0	In use		N	N	
4	1222200006664	Rear right clapboard assembly	1		In use				
5	12222000011086	Big handle assembly	1		In use				
6	12122200002695	Water collector	1		In use				
7	12222500A00135	Front right clapboard assembly	1		In use				
7.1	12100702000038	handle	1		In use				
9	1222200004018	Chassis assembly	1		In use				
10	12222000A01431	Front panel	1		In use				
12	12100105000084	Axial flow fan	1	0	In use		N	Y	
13	11002015000247	Brushless DC Motor	1		In use				
14	12222000005162	Supporter subassembly of fan motor	1		In use				
15	15500508000002	Accumulator cylinder	1		In use				
16	12222200001158	Partition board assembly	1		In use				
18	12222500000587	Top cover assembly	1		In use				
19	17222000028862	Electronic control box subassembly	1		In use				
19.1	12122200002719	Electronic installing box subassembly	1		In use				
19.2	17122000045677	Outdoor main control board subassembly	1		In use				
19.4	12122200002715	Electronic installing box subassembly	1		In use				
19.7	17122500001174	Inverter control board subassembly	1		In use				
20	17223000000581	Terminal board subassembly	1		In use				
20.1	17400401000098	Terminal	1		In use				
20.1	17400401000075	Terminal	1		In use				
20.2	12222200001476	Terminal board	1		In use				
21	15422500000236	4-way valve assembly	1		In use				
21.1	15500204000025	Gas valve	1		In use				
21.2	15500216000681	4-way valve	1		In use				
21.4	15123000008207	Suction pipe	1		In use				
21.5	15123000003661	Discharge pipe	1		In use				
22	15422000016299	Liquid valve assembly	1		In use				
22.1	15500204000021	Gas valve	1		In use				
22.2	15500213000245	Electronic expansion valve	1		In use				
22.3	12222200002110	Valve plate	1		In use				
24	15500406000003	Copper nut	1	0	In use		N	N	
24	15500406000010	Copper nut	1	0	In use		N	N	
25	12222000006604	Rear net	1		In use				
26	11103020000439	DC Inverter Rotary Compressor	1		In use				
27	11201101000017	PFC Inductor	1		In use				
29	11201007003124	Discharge Temperature Sensor	1		In use				
30	11201007000039	Room temperature sensor	1	0	In use		N	Y	
31	15122500001076	Suction pipe assembly	1		In use				
31.1	17400516000008	Pressure switch	1	0	In use		N	Y	
32	15122500001079	Discharge pipe assembly	1		In use				
32.1	17400516000007	Pressure switch	1		In use				
38	17402001000119	Crankcase electric heater	1		In use				
39	17402002000043	Electric heating tube	1		In use				
99	17401203000909	Compressor wire subassembly	1		In use				