

SUBMITTAL DATA

HYDRO **MAXX**

MODEL NO MOE30U-48HFN1-M LIGHT COMMERCIAL SINGLE ZONE OUTDOOR 48,000BTU/H CONDENSER

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



COMPATABILITY:

SINGLE ZONE INDOOR SYSTEM:

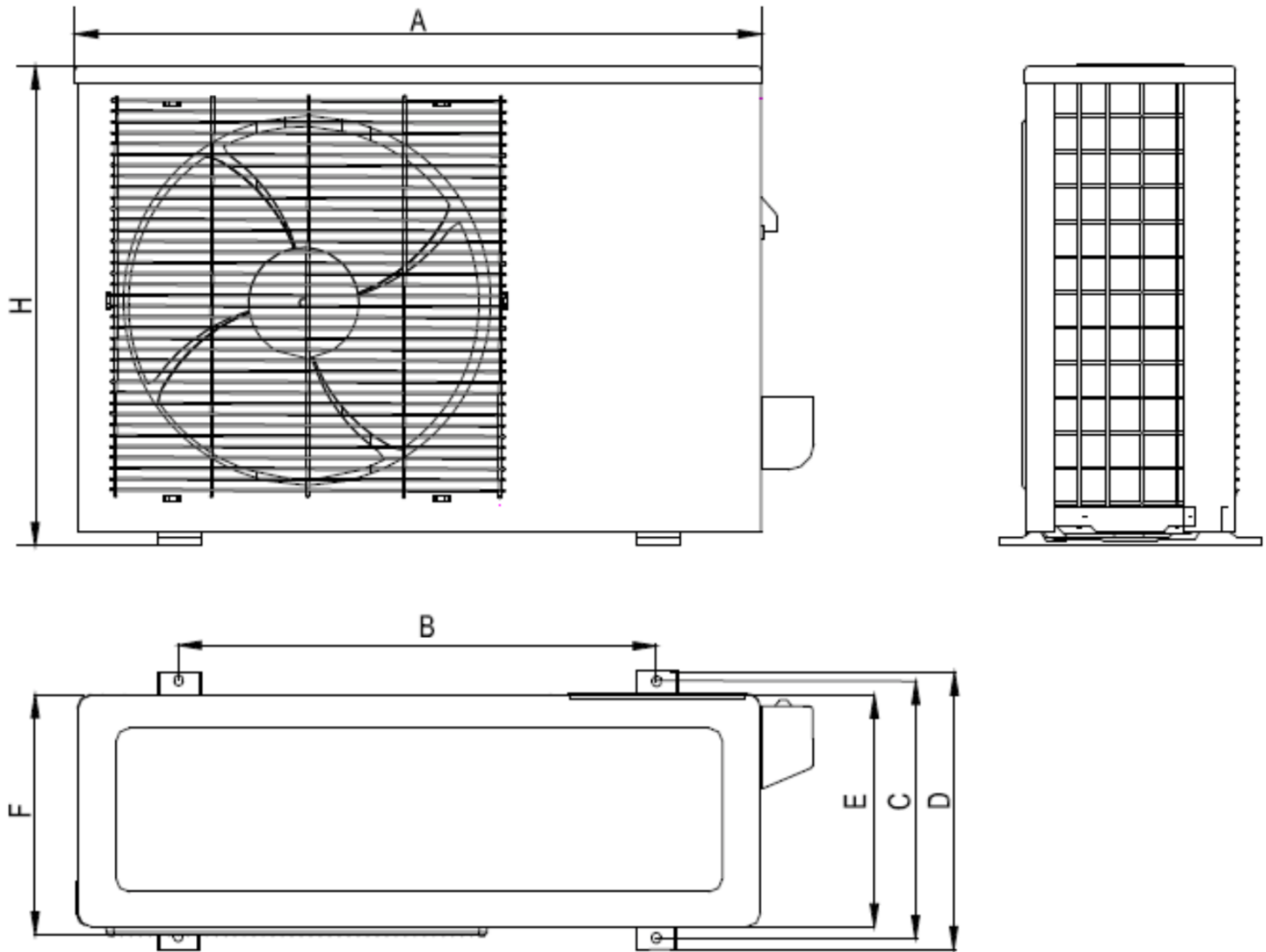
- 1) DUCT MODEL NO. CTB-48HWFN1-M(C)
- 2) CONSOLE MODEL NO.
- 3) CASSETTE MODEL NO. MCD-48HRFN1-M(D)

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		MOE30U-48HFN1-M	
Power supply		V,Hz,Ph	208-230,1,60
Max. fuse		A	50
Compressor	Model		ATQ420D1UMU
	Type		ROTARY
	Brand		GMCC
	Capacity	Btu/h	44697
	Input	W	3420
	Rated current (RLA)	A	23.5
	Locked rotor Amp(LRA)	A	----
	Thermal protector position		INTERNAL
	Capacitor	uF	----
Refrigerant oil	ml	Ester Oil VG74/1400	
Outdoor fan motor	Model		ZKFN-85-8-22+ZKFN-85-8-22-2
	Qty		1+1
	Input	W	126
	RLA	A	0.39
	LRA	A	----
	Winding Resistance	Ω	----
	Capacitor	uF	----
Speed	r/min	900	
Outdoor air flow (Max.)		m3/h	7600
Outdoor air flow (Max.)		CFM	4470
Outdoor noise level		dB(A)	62.5
Throttle type			Capillary +EXV
Outdoor unit	Dimension (W×D×H)	mm	952x415x1333
		inch	37.48x16.34x52.48
	Packing (W×D×H)	mm	1095x495x1480
		inch	43.11x19.49x58.27
	Net/ Gross weight	kg	98.6/111.6
lbs.		217.4/246.0	
Refrigerant type/Quantity	Type/Charged volume	Oz	R410A/148.2
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	ft	213
	Max. difference in level	ft	98
Ambient temperature	Cooling	°C	-15~50
	Heating	°C	-15~30



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 / N)	High Rate of Replacement (Y / N)	Option Parts
1	11201007000039	Room temperature sensor	1	0	In use		N	Y	
2	15822000008305	Condenser Assembly	1		In use				
2	15822000008314	Condenser Assembly	1		In use				
3	15822000008305	Condenser Assembly	1		In use				
3	15822000008314	Condenser Assembly	1		In use				
4	11201007000047	Pipe temperature sensor	1	0	In use		N	Y	
5	12222000011086	Big handle assembly	1		In use				
6	12222200004215	Rear right clapboard assembly	1		In use				
6.1	12100702000038	handle	1		In use				
8	12122000014023	Water collector	1		In use				
9	12222000006287	Front right clapboard assembly	1		In use				
10	12222200002361	Valve plate	1		In use				
11	12222000006290	Chassis assembly	1		In use				
12	12222000005733	Partition board assembly	1		In use				
13	15500508000009	Liquid-storage tank	1		In use				
15	12222200002363	Left side plate assembly of cabinet	1		In use				
16	12222000007904	Air outlet grille	2		In use				
17	12222000007564	Front panel	1		In use				
18	12100105000022	Axial flow fan	2	0	In use		N	Y	
19	11002015002241	Brushless DC Motor	2		In use				
20	12222000006288	Supporter subassembly of fan motor	1		In use				
21	15500406000003	Copper nut	1	0	In use		N	N	
21	15500406000010	Copper nut	1	0	In use		N	N	
22	11201007003124	Discharge Temperature Sensor	1		In use				
23	12222200002359	Top cover assembly	1		In use				
24	11103020000029	DC Inverter rotary compressor	1	0	In use		N	Y	
25	15123000008507	Discharge pipe assembly	1		In use				
25.1	17400516000020	Pressure switch	1		In use				
26	15423000002958	4-way valve assembly	1		In use				
26.2	15500204000061	Gas valve	1		In use				
26.3	155002160000681	4-way valve	1		In use				
27	15422000015574	Liquid valve assembly	1		In use				
27.1	155002080000286	Liquid valve	1		In use				
27.3	155002130000245	Electronic expansion valve	1		In use				
28	17222000028859	Electronic control box subassembly	1		In use				
28.1	12222000006289	Installation plate of electric parts subassembly	1		In use				
28.2	17122000045671	Outdoor main control board subassembly	1		In use				
28.9	11201007000157	Discharge Temperature Sensor	1		In use				
28.10	12122000014342	Electronic installing box	1		In use				
28.11	17122000021908	Inverter control board subassembly	1		In use				
28.12	17122000040550	Inverter module subassembly	1		In use				
28.14	174012030000936	Compressor wire subassembly	1		In use				
28.16	12122000014182	Electronic installing box	1		In use				
28.17	12122000014343	Electronic installing box	1		In use				
28.20	112014180000002	Rectifier bridge	1	0	In use		N	Y	
29	17223000003336	Terminal board subassembly	1		In use				
29.1	17400401000085	Wire joint	1	0	In use		N	N	
29.1	17400401000098	Terminal	1		In use				
29.1	17400401000082	Terminal	1		Abandon				
29.2	12222000012265	Terminal instalation subassembly	1		In use				
30	15123000008516	Suction pipe assembly	1		In use				
30.1	17400516000008	Pressure switch	1	0	In use		N	Y	
31	11201101000002	PFC inductor	1		In use				
34	12222000006284	Inductor Box subassembly	1		In use				
35	12222000006286	Installation base of inductance	1		In use				
38	17402001000003	Crankcase electric heater	1		In use				
39	17402002000043	Electric heating tube	1		In use				
46	11201007003124	Discharge Temperature Sensor	1		In use				
50	12222000007944	Rear net	1		In use				