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HWH Aux Compressor

Installation and Maintenance

- [TA 4104 Compressor Installation and Maintenance](#)
- [TA 4104 Compressor Maintenance Kit Installation Manual](#)

Repairs

- [Desiccant refill / recharge / etc](#)
- [HWH Compressor Filter Bowl Repair](#)
- [Thomas TA 4101 Compressor Rebuild](#)
- [Compressor Purge Valve \(RAP6354\) Rebuild](#)

Replacement / Upgrade

- [Aux air pump system replacement with a Air Zenith OB2](#)

Thomas TA 4101 Specs



TA-4101-DC Performance Data			
MODEL NUMBER	TA-4101-DC		
MANUFACTURING CODE	270025		
HEAD CONFIGURATION	Pressure		
NUMBER OF CYLINDERS	1		
PRESSURE		Flow @ 12v DC	
cfm @ psi	l/min @ bar		
psi	bar	cfm	l/min
0	0	2.20	62.2
5	.5	2.07	57.0
10	1.0	1.95	52.6
15	1.5	1.85	48.5
20	2.0	1.75	45.1
25	3.0	1.66	39.9

30	5.0	1.58	32.6
35	7.0	1.51	26.5
40		1.45	
50		1.34	
60		1.25	
70		1.17	
80		1.10	
90		1.03	
100		0.95	
MAX. PRESSURE	100 psi	7.0 bar	
MAX. AMBIENT AIR TEMP.	(40°C)	104°F	
MIN. AMBIENT START TEMP.	(0°C)	32°F	
MAX. RESTART PRESSURE	100 psi	7.0 bar	
MOTOR VOLTAGE/FREQUENCY	12V DC		
HORSEPOWER	1/3		
MOTOR TYPE	Perm Magnet		
CURRENT AT RATED LOAD (AMPS)	28.0		
POWER AT RATED LOAD (WATTS)	340		
STARTING CURRENT (LOCKED ROTOR, AMPS)	198		
MIN. FULL LOAD SPEED (RPM)	1800		
THERMAL PROTECTOR	No		
CAPACITOR VALUE			
NET WEIGHT	22 lb.	10 (kg)	
SHIP WEIGHT	24 lb.	11 (kg)	

Thomas TA 405ADC38/12 Specs



TA-405ADC38/12 Performance Data			
MODEL NUMBER	405ADC38/12		
HEAD CONFIGURATION	Pressure Only		
STROKE	.380 Inches		
PRESSURE	Flow @ 12v		
	CFM @ PSI	LPM @ bar	
	PSI	bar	CFM LPM
	0	0	.79 22.3
	10	.5	.75 20.7

20	1.0	.71	19.0
30	1.5	.63	17.4
40	2.0	.56	16.0
50	3.0	.41	13.2
60	5.0	.38	9.9
70	7.0	.36	6.6
80		.33	
90		.27	
100		.24	
MAX. CONTINUOUS PRESSURE	100 PSI	6.9 bar	
MAX. INTERMITTENT PRESSURE	100 PSI	6.9 bar	
MAX. AMBIENT AIR TEMP.	104° F	40°C	
MIN. AMBIENT START TEMP.	50° F	10°C	
MAX. RESTART PRESSURE	100 PSI	7.0 bar	
MOTOR VOLTAGE/FREQUENCY	12v DC		
MOTOR TYPE	Permanent Magnet		
CURRENT AT RATED LOAD (AMPS)	10.5		
POWER AT RATED LOAD (WATTS)	—		
STARTING CURRENT (LOCKED ROTOR, AMPS)	25.0		
CAPACITOR VALUE	-		
MIN. FULL LOAD SPEED (RPM)	3310		
THERMAL PROTECTOR	Yes		
NET WEIGHT	4.3 lbs.	1.95 kg	

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