



CKM series specification



Features

- 12 or 24 VDC permanent magnet motor
- 10 BAR [150 PSI] maximum working pressure
- maximum current draw:
 - 34 A (12 V models)
 - 18 A (24 V models)
- Duty Cycle @ working temperature 20°C [70°F]:
 - 50% @ 2 BAR [30 PSI] (30 on / 30 off)
 - 33% @ 7 BAR [100 PSI] (20 on / 40 off)
- Thermal overload protected motor
- Fully moisture sealed (low head submersible)
- Relocatable air filter
- Integrated solenoid mounting positions
- Full loom with Maxi blade fuse protection
- Pressure switch (¼ NPT): 7/5 BAR [100/70 PSI]
- Anodised aluminium heat sink motor mount
- Compressor weight: 3.5 kg [7.7 lbs]
- Dimensions (LxWxH): 190mm x 96mm x 142mm
[7.5" x 3.8" x 5.6"]

Performance data for 12 V models

PSI	CFM	A
0	3.08	14
10	2.70	19
20	2.47	23
30	2.31	25
40	2.16	27
50	2.00	29
60	1.84	30
70	1.70	31
80	1.57	31
90	1.47	32
100	1.40	32
110	1.35	33
120	1.29	33
130	1.23	34
140	1.15	34
150	1.11	34

BAR	LPM	A
0	87.2	14
1	73.1	21
2	65.9	25
3	59.6	28
4	53.1	30
5	47.1	31
6	42.5	32
7	39.5	32
8	37.2	33
9	34.6	34
10	31.8	34

Tank filling times

9.5 Litre [2.5 Gallon]	
0-105 PSI	1 min 15 sec
0-130 PSI	1 min 41 sec
85-105 PSI	20 sec
110-150 PSI	46 sec

19 Litre [5 Gallon]	
0-105 PSI	2 min 30 sec
0-130 PSI	3 min 22 sec
85-105 PSI	40 sec
110-150 PSI	1 min 32sec

All measurements recorded at 13.8 VDC

Performance charts for CKM 12 V models

