



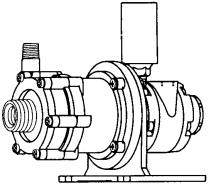
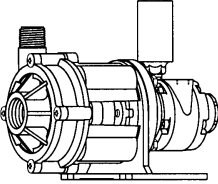
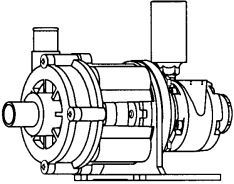
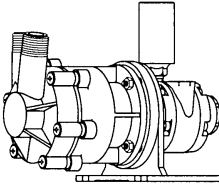
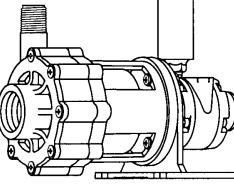
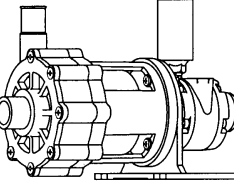
CONSTRUCTION & SERVICING:

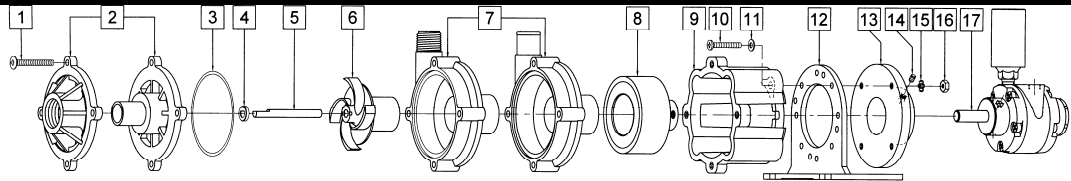
OPERATION:

AIR MOTOR INSTALLATION:

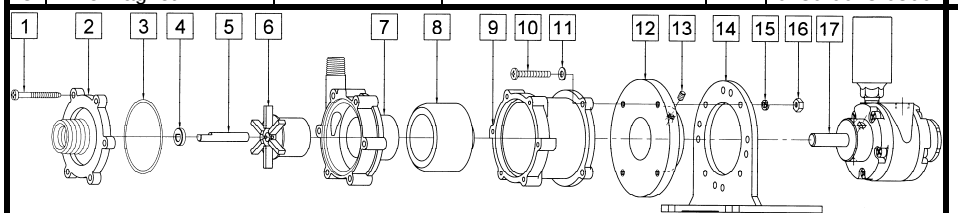
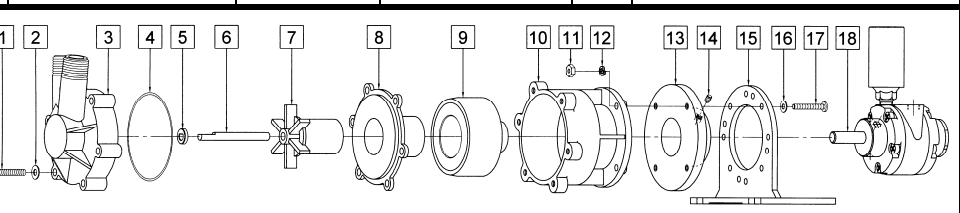
LIMITED WARRANTY:

Pumps with Air Motors

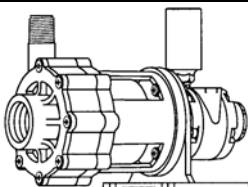
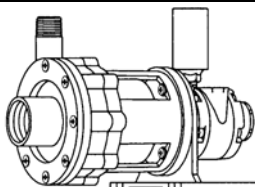
SPECIFICATIONS		BC-2CP-MD-AM	BC-3CP-MD-AM	BC-3AP-MD-AM	MDX-MT3-AM MDK-MT3-AM	BC-4C-MD-AM	BC-4A-MD-AM
							
Model Abbreviations		C: Threaded Inlet/Outlet	C: Threaded Inlet/Outlet	A: Smooth Inlet/Outlet	K: Kynar	C: Threaded Inlet/Outlet	A: Smooth Inlet/Outlet
Max Flow		7.2 gpm / 27.2 lpm	10.5 gpm / 39.7 lpm	10.5 gpm / 39.7 lpm	9 gpm / 34.0 lpm	18 gpm / 68.1 lpm	18 gpm / 68.1 lpm
Max Head		40 ft / 17.3 psi - 12.1 m	42 ft / 18.2 psi - 12.8 m	42 ft / 18.2 psi - 12.8 m	28 ft / 12.1 psi - 8.5 m	50 ft / 21.6 psi - 15.2 m	50 ft / 21.6 psi - 15.2 m
Inlet		3/8" FPT & 3/4" MPT	3/4" FPT	3/4" OD	1/2" MPT	1" FPT	1" OD
Outlet		1/4" MPT	1/2" MPT	3/4" OD	1/2" MPT	1/2" MPT	3/4" OD
Max Internal Pressure		50 psi / 3.4 bar	50 psi / 3.4 bar	50 psi / 3.4 bar	75 psi / 5 bar	50 psi / 3.4 bar	50 psi / 3.4 bar
Max Liquid Temperature		190°F / 87°C	190°F / 87°C	190°F / 87°C	200°F / 93°C	190°F / 87°C	190°F / 87°C
Packed Weight		4 lbs / 1.8 kg	4.5 lbs / 2 kg	4.5 lbs / 2 kg	4 lbs / 1.8 kg	5 lbs / 2.3 kg	5 lbs / 2.3 kg
Motor Type		Air Motor	Air Motor	Air Motor	Air Motor	Air Motor	Air Motor
Air Connection		1/8 NPT	1/8 NPT	1/8 NPT	1/8 NPT	1/8 NPT	1/8 NPT
HP (Kw)		1/8 (0.093)	1/8 (0.093)	1/8 (0.093)	1/8 (0.093)	1/8 (0.093)	1/8 (0.093)
Max Air Pressure & CFM		23 psi / 1.5 bar @ 4 CFM	29 psi / 2 bar @ 4 CFM	29 psi / 2 bar @ 4 CFM	21 psi / 1.4 bar @ 3 CFM	65 psi / 4.4 bar @ 8 CFM	65 psi / 4.4 bar @ 8 CFM
Overall Pump Size (H x W x L)	Inches	5.72 x 4.5 x 7	5.72 x 4.5 x 7.33	5.72 x 4.5 x 7.33	5.72 x 4.5 x 7.42	5.72 x 4.5 x 8.28	5.72 x 4.5 x 8.84
	cm	14.5 x 11.4 x 17.7	14.5 x 11.4 x 18.6	14.5 x 11.4 x 18.6	14.5 x 11.4 x 18.8	14.5 x 7.33 x 21	14.5 x 7.33 x 22.4
Materials in Contact w/Solution:		BC-2CP-MD-AM, BC-3CP-MD-AM, BC-3AP-MD, BC-4C-MD-AM, BC-4A-MD-AM: Polypropylene, Ceramic, Viton					
		MDX-MT3-AM: Rytan, Ceramic, Viton MDK-MT3-AM: Kynar/Carbon Filled, Ceramic, Viton					
All specifications & data are based on pumping water & are intended as a guideline only. Specifications may vary with different motors.							

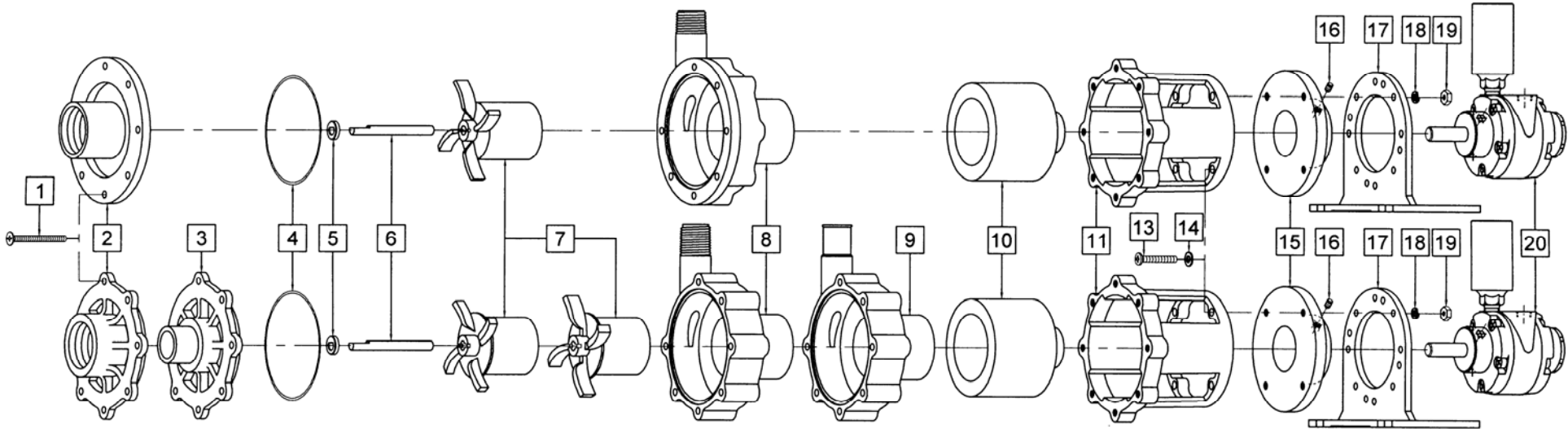


BC-3CP-MD-AM & BC-3AP-MD-AM

#	DESCRIPTION	MATERIAL	SIZE (Inches)	QTY.	PART #	#	DESCRIPTION	MATERIAL	SIZE (Inches)	QTY.	PART #	
1	Screw	Stainless	#10-32 x 1-1/2 Lg.	4	0823-0008-1000	9	Motor Bracket			1	0130-0066-0100	
2	Cover	Polypropylene	3/4 OD Inlet	1	0130-0064-1000	10	Screw		#8-32 x 1-1/8 Lg.	4	0115-0023-1000	
2	Cover	Polypropylene	3/4 FPT Inlet	1	0130-0021-1000	11	Washer		#8	4	0858-0004-1000	
3	"O" Ring	Viton	3/32 CS x 2-13/16 OD	1	0130-0033-1000	12	Base			1	0125-0106-1000	
4	Thrust Washer	Ceramic		1	0130-0028-1000	13	Connecting Bracket			1	0986-0001-0100	
5	Shaft	Ceramic	1/4 OD x 2.5 Lg.	1	0130-0024-1000	14	Set Screw		#8-32	2	0210-0038-1000	
6	Impeller Encapsulated	Polypropylene		1	0130-0069-0200	15	Lock Washer		#8 External Tooth	4	0140-0014-1000	
7	Rear Housing	Polypropylene	3/4 OD Outlet	1	0130-0102-1000	16	Nut		#8	4	0410-0039-1000	
7	Rear Housing	Polypropylene	1/2 MPT Outlet	1	0130-0018-1000	17	Air Motor			1	0986-0002-1000	
8	Drive Magnet			1	0130-0043-0300							
												
#	DESCRIPTION	MATERIAL	SIZE (Inches)	QTY.	BC-2CP-MD-AM	#	DESCRIPTION	MATERIAL	SIZE (Inches)	QTY.	MDX-MT3-AM	MDK-MT3-AM
1	Screw Self Tapping	Stainless	#7-19 x 1-7/16 Lg.	6	0115-0062-1000	1	Screw	Stainless	#10-32 x 1-1/8 Lg.	6	0135-0181-1000	
2	Cover	Polypropylene	3/8 FPT & 3/4 MPT Inlet	1	0125-0056-1000	2	Washer	Stainless	#10	6	0150-0051-1000	
3	"O" Ring	Viton	3/32 CS x 2-3/16 OD	1	0125-0065-1000	3	Front Housing	Ryton Kynar	1/2 MPT	1	0135-0088-1000	0135-0152-1000
4	Thrust Washer	Ceramic		1	0130-0028-1000	4	"O" Ring	Viton	1/16 CS x 2-7/8 OD	1	0135-0046-1000	
5	Shaft	Ceramic	1/4 OD x 1.593 Lg.	1	0125-0061-1000	5	Thrust Washer	Ceramic		1	0130-0028-1000	
6	Impeller Encapsulated	Polypropylene		1	0125-0087-0200	6	Shaft	Ceramic	1/4 OD x 2.5 Lg.	1	0130-0024-1000	
7	Rear Housing	Polypropylene	1/4 MPT Outlet	1	0125-0058-1000	7	Impeller Encapsulated	Ryton Kynar		1	0135-0113-0200	0135-0154-0200
8	Drive Magnet			1	0125-0092-0000	8	Rear Housing	Ryton Kynar		1	0135-0087-1000	0135-0153-1000
9	Motor Bracket			1	0125-0069-1000	9	Drive Magnet			1	0130-0043-0300	
10	Screw		#8-32 x 1-1/8 Lg.	4	0115-0023-1000	10	Motor Bracket			1	0135-0135-0100	
11	Washer		#8	4	0858-0004-1000	11	Nut		#8	4	0410-0039-1000	
12	Connecting Bracket			1	0986-0001-0100	12	Split Lock Washer		#8	4	0858-0003-1000	
13	Set Screw		#8-32	2	0210-0038-1000	13	Connecting Bracket			1	0986-0001-0100	
14	Base			1	0125-0106-1000	14	Set Screw		#8-32	2	0210-0038-1000	
15	Split Lock Washer		#8	4	0858-0003-1000	15	Base			1	0125-0106-1000	
16	Nut		#8	4	0410-0039-1000	16	Washer		#8	4	0858-0004-1000	
17	Air Motor			1	0986-0002-1000	17	Screw		#8-32 x 1-1/8 Lg.	4	0115-0023-1000	
						18	Air Motor			1	0986-0002-1000	

NOTE: Contact Factory for other materials and/or parts not listed

SPECIFICATIONS	TE-5C-MD-AM		TE-5K-MD-AM	TE-5S-MD-AM	
					
	C: Threaded Inlet/Outlet		K: Kynar	S: Stainless	
	Max Flow		18 gpm / 68.1 lpm		
	Max Head		50 ft / 21.6 psi - 15.2 m		
	Inlet - Outlet		1" FPT - 1/2" MPT		
	Max Internal Pressure		50 psi / 3.4 bar	75 psi / 5 bar	200 psi / 13 bar
	Max Liquid Temperature		190°F / 87°C	200°F / 93°C	250°F / 121°C
	Packed Weight		5 lbs / 2.3 kg		7.5 lbs / 3 kg
	Motor Type / Air Connection		Air Motor / 1/8 NPT		
HP (Kw)		1/8 (0.093)			
Max Air Pressure & CFM		60 psi / 4.1 bar @ 7 CFM			
Overall Pump Size		5.72" x 4.5" x 8.28"		5.72" x 4.5" x 8.59"	
(H x W x L)		14.5cm x 7.33cm x 21cm		14.5cm x 7.33cm x 21.8cm	
Materials in Contact w/Solution:		Polypropylene, Ceramic, Viton	Kynar/Carbon Filled, Viton, Ceramic	316 Stainless Steel, Viton, Ceramic, Carbon	
All specifications & data are based on pumping water & are intended as a guideline only. Specifications may vary with different motors.					



PARTS LIST									
#	DESCRIPTION	BC-4C-MD-AM		BC-4A-MD-AM	SIZE (Inches)	QTY.	BC-4C-MD-AM	BC-4A-MD-AM	
1	Screw	Stainless			#8-32 x 1-3/4 Lg.	7	0150-0021-1000		
2	Cover	Polypropylene			1 FPT Inlet	1	0150-0032-1000		
3	Cover			Polypropylene	1 OD Inlet	1		0150-0150-1000	
4	"O" Ring	Viton			1/16 CS x 3 OD	1	0135-0023-1000		
5	Thrust Washer	Ceramic				1	0130-0028-1000		
6	Shaft	Ceramic			1/4 OD x 2.5 Lg.	1	0130-0024-1000		
7	Impeller Encapsulated	Polypropylene				1	0145-0033-0200		
8	Rear Housing	Polypropylene w/Ceramic Thrust Washer			1/2 MPT Outlet	1	0150-0031-0100		
9	Rear Housing			Polypropylene w/Ceramic Thrust Washer	3/4 OD Outlet	1		0150-0159-0100	
10	Drive Magnet						0151-0061-0200		
11	Motor Bracket						0145-0010-1000		
13	Screw				#8-32 x 1-1/8 Lg.	4	0115-0023-1000		
14	Washer				#8	4	0858-0004-1000		
15	Connecting Bracket					1	0986-0001-0100		
16	Set Screw				#8-32	2	0210-0038-1000		
17	Base					1	0125-0106-1000		
18	Split Lock Washer				#8	4	0858-0003-1000		
19	Nut				#8	4	0410-0039-1000		
20	Air Motor					1	0986-0002-1000		
#	DESCRIPTION	TE-5C-MD-AM	TE-5K-MD-AM	TE-5S-MD-AM	SIZE (Inches)	QTY.	TE-5C-MD-AM	TE-5K-MD-AM	TE-5S-MD-AM
1	Screw	Stainless			#8-32 x 1-3/4 Lg.	7	0150-0021-1000		
2	Cover	Polypropylene	Kynar	316 Stainless	1 FPT Inlet	1	0150-0032-1000	0150-0124-1000	0150-0111-0000
4	"O" Ring	Viton	Viton		1/16 CS x 3 OD	1	0135-0023-1000		
5	Thrust Washer	Ceramic	Ceramic			1	0130-0028-1000		
6	Shaft	Ceramic	Ceramic		1/4 OD x 2.5 Lg.	1	0130-0024-1000		
7	Impeller Encapsulated	Polypropylene	Kynar	Stainless w/Carbon Bushing		1	0150-0098-0200	0150-0125-0200	0150-0114-0400
8	Rear Housing	Polypropylene w/Ceramic Thrust Washer	Kynar w/Ceramic Thrust Washer	316 Stainless	1/2 MPT Outlet	1	0150-0031-0100	0150-0123-0100	0150-0110-0000
10	Drive Magnet					1	0151-0061-0200		
11	Motor Bracket					1	0145-0010-1000		
13	Screw				#8-32 x 1-1/8 Lg.	4	0115-0023-1000		
14	Washer				#8	4	0858-0004-1000		
15	Connecting Bracket					1	0986-0001-0100		
16	Set Screw				#8-32	2	0210-0038-1000		
17	Base					1	0125-0106-1000		
18	Split Lock Washer				#8	4	0858-0003-1000		
19	Nut				#8	4	0410-0039-1000		
20	Air Motor					1	0986-0002-1000		
NOTE: Contact Factory for other materials and/or parts not listed.							0750-0979-1000 R7		