

Exploded View and Parts List:

EXPLODED VIEW



NOTE: SEE GENERAL SAFETY DATA.

NOTE: ALL PARTS, EXCEPT THE MOTOR, ARE AVAILABLE IN METRIC DIMENSIONS. METRIC DIMENSIONS ARE GIVEN IN PARENTHESES.

EXPLODED VIEW		Qty	Part No.
Part Description			
1 Motor		1	1000000000
2 Gear		1	1000000000
3 Gear		1	1000000000
4 Gear		1	1000000000
5 Gear		1	1000000000
6 Gear		1	1000000000
7 Gear		1	1000000000
8 Gear		1	1000000000
9 Gear		1	1000000000
10 Gear		1	1000000000
11 Gear		1	1000000000
12 Gear		1	1000000000
13 Gear		1	1000000000
14 Gear		1	1000000000

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1 Motor		1	1000000000
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7 Gear		1	1000000000
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9 Gear		1	1000000000
10 Gear		1	1000000000
11 Gear		1	1000000000
12 Gear		1	1000000000
13 Gear		1	1000000000
14 Gear		1	1000000000

Technical Data



Service Instructions

DISASSEMBLY 1



1 Remove and inspect the motor parts

Remove the coupling, remove the screws of pump motor, remove the oil seal, remove the pump motor, and inspect the pump motor parts.

11

Remove the screws and the screws of pump motor, remove the oil seal, remove the pump motor, and inspect the pump motor parts.



DISASSEMBLY 2

1 Remove the pump housing and the pump housing parts

Remove the pump housing and the pump housing parts, and inspect the pump housing parts.

Remove the pump housing and the pump housing parts, and inspect the pump housing parts.

11

Remove the pump housing and the pump housing parts, and inspect the pump housing parts.

Remove the pump housing and the pump housing parts, and inspect the pump housing parts.

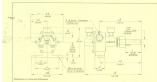
Jabco Pumps

400-201-370

1. **Definition:** A group of interbreeding animals that share the same gene pool is known as a population. A gene pool is the complete set of genes in a population. Genes are passed from one generation to the next by reproduction. Genes may change due to the influence of the environment.
2. **Genes:** Genes are units of heredity.
3. **Alleles:** Alleles are different forms of a gene. For example, the gene for flower color in pea plants has two alleles: purple and white.
4. **Genotype:** The genotype is the genetic makeup of an individual. It is the combination of alleles that an individual has for a particular trait. For example, a pea plant with two purple alleles (PP) has a purple genotype.
5. **Phenotype:** The phenotype is the observable characteristics of an individual. It is the result of the genotype and the environment. For example, a pea plant with a purple genotype (PP) has a purple phenotype.
6. **Genetic Variation:** Genetic variation is the difference in the genetic makeup of individuals in a population. It is caused by mutations, gene flow, and genetic drift.
7. **Genetic Drift:** Genetic drift is a change in the frequency of an allele in a population due to random chance. It is most likely to occur in small populations.
8. **Gene Flow:** Gene flow is the movement of genes from one population to another. It can occur through migration or the transfer of gametes.
9. **Mutation:** A mutation is a change in the DNA sequence. It can be caused by errors during DNA replication or by environmental factors such as radiation or chemicals.
10. **Selection:** Selection is the process by which certain alleles are favored over others. It can be natural selection, where the environment favors certain traits, or artificial selection, where humans favor certain traits.
11. **Evolution:** Evolution is a change in the genetic makeup of a population over time. It is caused by the accumulation of genetic variation and the action of natural selection.
12. **Speciation:** Speciation is the process by which new species are formed. It occurs when a population of a species is isolated from the rest of the population and the isolated population evolves differently.
13. **Extinction:** Extinction is the disappearance of a species. It can be caused by a variety of factors, including natural disasters, climate change, and human activities.
14. **Conservation:** Conservation is the protection and management of natural resources. It includes efforts to protect endangered species and their habitats.
15. **Biotechnology:** Biotechnology is the use of biological processes to create products or services. It includes the use of genetic engineering, cell culture, and tissue engineering.
16. **Genomics:** Genomics is the study of the genome, which is the complete set of DNA in an organism. It includes the study of the structure, function, and evolution of the genome.
17. **Proteomics:** Proteomics is the study of the proteome, which is the complete set of proteins in an organism. It includes the study of the structure, function, and interactions of proteins.
18. **Metabolomics:** Metabolomics is the study of the metabolome, which is the complete set of metabolites in an organism. It includes the study of the structure, function, and interactions of metabolites.
19. **Systems Biology:** Systems biology is the study of the interactions between different components of a biological system. It includes the study of the interactions between genes, proteins, and metabolites.
20. **Regenerative Medicine:** Regenerative medicine is the use of biological processes to repair or replace damaged tissues or organs. It includes the use of stem cells, tissue engineering, and gene therapy.
21. **Personalized Medicine:** Personalized medicine is the use of an individual's genetic information to tailor medical treatment to that individual. It includes the use of genetic testing, pharmacogenomics, and precision medicine.
22. **Artificial Intelligence:** Artificial intelligence is the simulation of human intelligence in machines. It includes the use of machine learning, natural language processing, and computer vision.
23. **Robotics:** Robotics is the study of the design, construction, and operation of robots. It includes the use of sensors, actuators, and control systems.
24. **Space Exploration:** Space exploration is the study of the universe beyond Earth's atmosphere. It includes the study of the solar system, other planets, and the search for life.
25. **Climate Change:** Climate change is a long-term change in the Earth's climate. It is caused by the increase in greenhouse gases in the atmosphere, which is primarily due to human activities.
26. **Renewable Energy:** Renewable energy is energy that is derived from natural resources that are replenished over time. It includes solar energy, wind energy, and hydropower.
27. **Sustainable Development:** Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs. It includes the use of renewable energy, conservation of natural resources, and social justice.
28. **Global Warming:** Global warming is the increase in the average temperature of the Earth's atmosphere. It is caused by the increase in greenhouse gases in the atmosphere, which is primarily due to human activities.
29. **Ozone Depletion:** Ozone depletion is the decrease in the concentration of ozone in the Earth's atmosphere. It is caused by the release of ozone-depleting substances, such as chlorofluorocarbons (CFCs).
30. **Acid Rain:** Acid rain is precipitation that is acidic due to the presence of sulfuric acid and nitric acid. It is caused by the release of sulfur dioxide and nitrogen dioxide into the atmosphere, which are then converted into acids.
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The figure consists of two side-by-side bar charts. The left chart shows the percentage of respondents for a group of 100, and the right chart shows the percentage for a group of 50. Both charts have a y-axis labeled 'Percentage' ranging from 0 to 100. The x-axis represents age groups: 18-24, 25-34, 35-44, 45-54, 55-64, 65-74, and 75+. The bars are colored in shades of gray.

Age Group	Group 100 (%)	Group 50 (%)
18-24	10	10
25-34	20	20
35-44	30	30
45-54	40	40
55-64	50	50
65-74	60	60
75+	70	70



Abstract

1. **Author:** [Name]
 2. **Title:** [Title]
 3. **Journal:** [Journal]
 4. **Volume:** [Volume]
 5. **Issue:** [Issue]
 6. **Page:** [Page]
 7. **Year:** [Year]

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11. *Journal of the American Medical Association*, 2000; 283: 2689-2696.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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1000