

SQR 20

PULSE VALVE SEQUENCER

INTRODUCTION

The sequencer is designed to pulse the air valves used to clean filter bags which are fitted to dust collectors. The unit can control up to 20 separate valves and can be programmed simply to the required number by a switch fitted to the circuit board.

The duration of the valves pulse and the interval between pulses can be adjusted by calibrated knobs.

L.E.D. indicators show which valve is operated.

Terminals are provided to allow a pressure switch to be connected to control the cleaning cycle. If the pressure switch measures the differential pressure drop across the filter as the pressure increases as a result of the filter bags the sequencer will commence cleaning from the previous bag cleaned.

An input is also provided for a fast cleaning cycle which when actuated reduces the interval between the pulses to provide rapid cleaning.

A fuse is provided to protect the unit from wiring faults.

The sequencer provides power to drive 24 volt D.C. valves, this being selected to allow for simple wiring installation and due to inherent reliability of the power transistors used to switch the valves in lieu of high voltage switching triacs or similar devices.

Voltage Supply:

240 V.A.C. also available for 110 V.A.C. or 24 V.A.C.

Valve Voltage:

24 V.D.C.

Number of Valves:

Selectable from 1 to 20 with switch (2 valves may be connected in parallel across each output when it is necessary to drive more than 20 valves or it is required to quickly clean a filter with say 18 valves by connecting valves 1 and 10, 2 and 11 etc., in parallel.)

Pulse Duration:

Adjustable 1 to 2 seconds standard.

Interval:

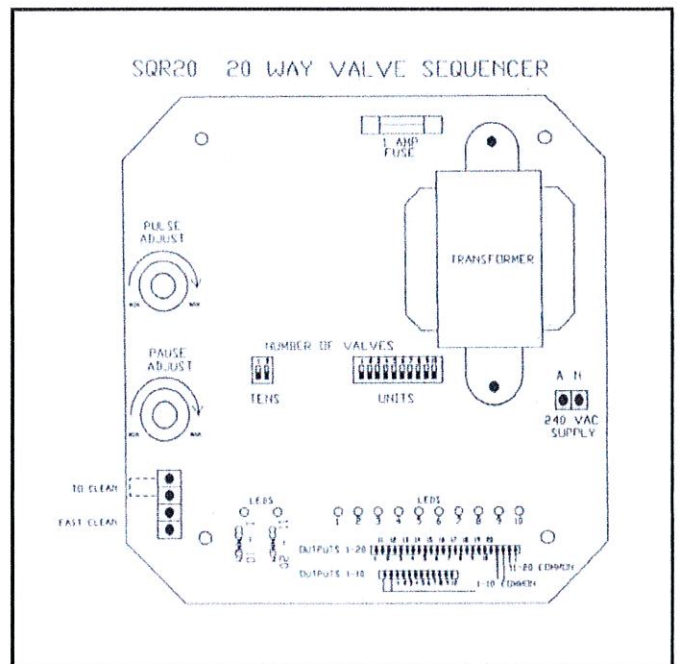
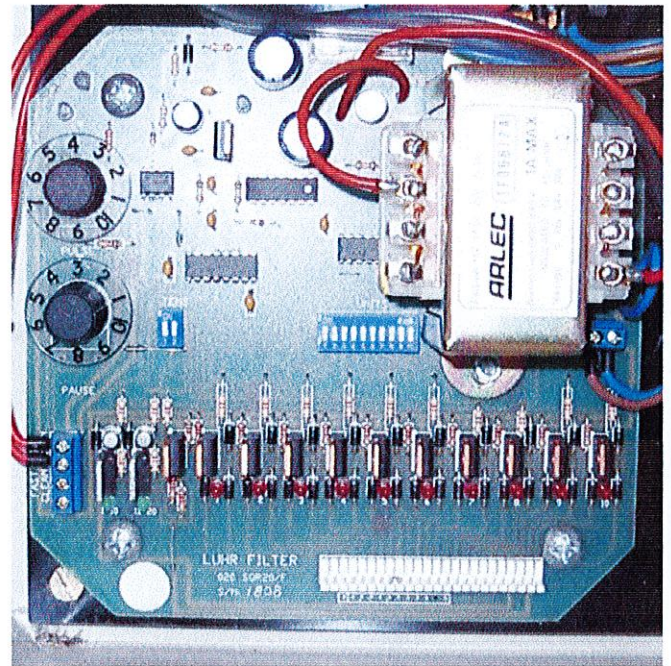
1 to 90 seconds standard.

Enclosures:

Sequencers can be housed in the following enclosures - Plastic with clear lid rated IP65 as above with valves fitted. Metal with or without valves. Specify enclosure required and type.

Connections:

Normally supplied with 1 meter of multicore detachable.



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OTHER PRODUCTS: HIGH EFFICIENCY CYCLONES, BAG FILTERS, DUST CONTROL SYSTEMS, CARTRIDGE FILTERS, DISCHARGE VALVES, WET SCRUBBERS, DUST EMISSION MONOTORS, PLC BASED PLANT CONTROL SYSTEM.