

## Cascade Diaphragm Pump Systems MPKC univac

The MPKC univac systems are particularly well suited for the central supply of vacuum to several consumers over a network. Up to 8 diaphragm pumps can be built into a mobile framework, and an easy to operate and maintain control system is integrated into the switchbox. Suction and exhaust manifolds link the diaphragm pumps to central DN 25 KF ports. Condensates are captured both before and after the pumps in easily drained traps. The ultimate vacuum level of each system is determined by the particular type of pump.

The VCZ controller regulates the pump system with its unique software. The diaphragm pumps are started sequentially according to demand.

The teach function monitors the background operating conditions and adjusts the system automatically. Thus switching on the pumps takes place only as required, which is defined by the consumption itself.

A programmable upper pressure value guarantees that the system constantly is in stand-by mode. Operating parameters are entered at the controller or via PC (RS 232) with special ilmvac-control software.

### Ranges of application:

- chemical industries
- education laboratories
- vacuum networks
- freeze drying
- evacuation of solvent vapors
- ceramics sintering plants
- plasma etching plants
- lifting of aggressive gases and vapors

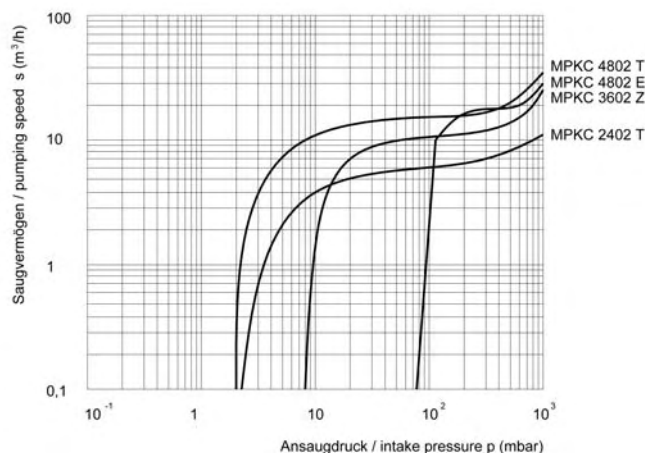


### Special characteristics:

- 4 or 8 chemically resistant diaphragm pumps
- low ultimate pressure
- high pumping speed
- low energy consumption
- pollution free
- intelligent control
- simple operation
- service friendly design
- customised configurations possible
- vacuum and pressure connections DN 25 KF
- mobile
- space saving

### Scope of delivery:

univac diaphragm pump system complete ready-to-use with mains connection cable and plug.



### Technical Features

Type	Ult. pressure total DIN 28432 mbar	Pumping speed 50/60 Hz		Dim. (W/D/H)	Weight
		m³/h	l/min	mm	kg
MPKC 4802 E	< 75	32/38.4	533/640	380/930/670	98
MPKC 3602 Z	< 8	24/28.8	400/480	380/930/670	98
MPKC 2402 T	< 2	15/18	250/300	380/930/670	98
MPKC 4802 T	< 2	35/42	583/700	380/1570/670	120

### Ordering Information

Type	Diaphragm pumps	Mains supply V / Hz	Mandatory accessories Connection cable	PU pcs.	Order-No.
MPKC 4802 E	4, einstufig	230 / 50/60 CEE	no	1	4201082
MPKC 3602 Z	4, zweistufig	400 / 50/60 CEE	no	1	4201062
MPKC 2402 T	4, dreistufig	400 / 50/60 CEE	no	1	4201052
MPKC 4802 T	8, dreistufig	400 / 50/60 CEE	no	1	4201072