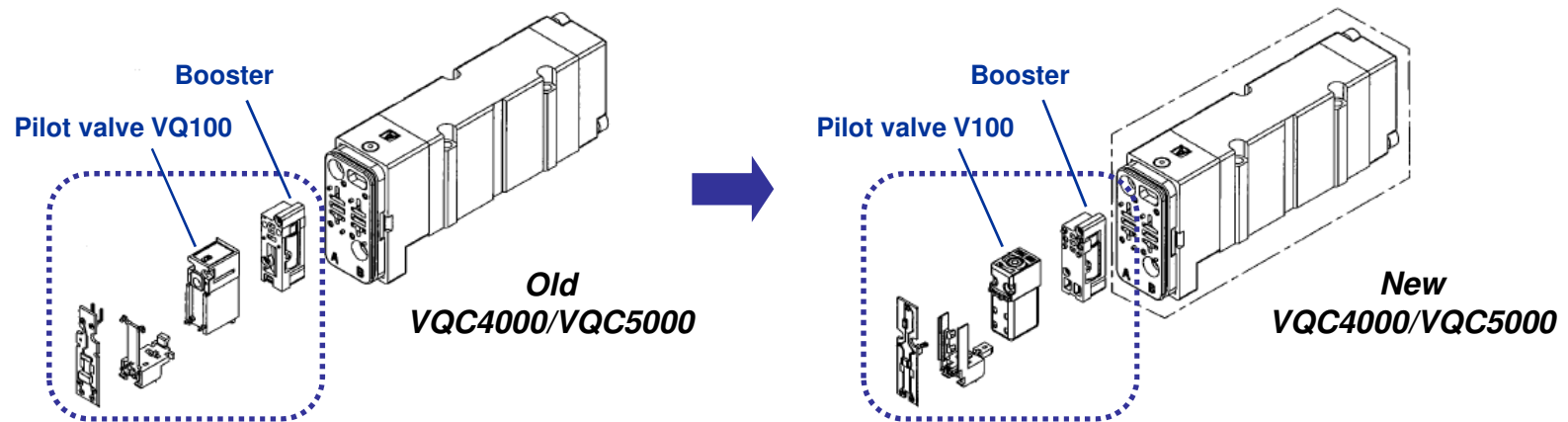


## New VQC4000/5000 series 5 port solenoid valve

# Improved features and related benefits

**FEATURE:** The pilot valve has been changed from VQ100 to V100 in order to reduce the power consumption from 1.0 W and 0.5 W in the standard and the low wattage types respectively, to 0.95 W and 0.4 W.

**CUSTOMER BENEFIT:** Cost savings due to energy saving.



**FEATURE:** The size VQC5000 has been standardised.

**CUSTOMER BENEFIT:** Easier how to order and improved flow rate as standard.

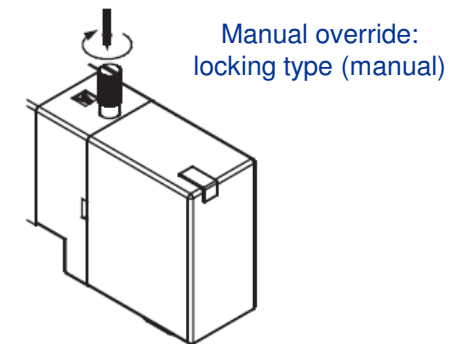
# Improved features and related benefits

**FEATURE:** New strainer built into the V100 pilot valve flow supply passage that prevents foreign matter from entering.

**CUSTOMER BENEFIT:** Improved life and increased contamination resistance.

**FEATURE:** New locking type added to already existing manual pilot valve overrides.

**CUSTOMER BENEFIT:** Improved flexibility.



**FEATURE:** Plug-in unit as single unit available as standard (base mounted), in both sizes VQC4000 and VQC5000.

**CUSTOMER BENEFIT:** Greater capacity and improved versatility.

# Technical details

## ■ Standard specifications

			Old VQC4000 Old VQC5000	New VQC4000 New VQC5000
Maximum operating pressure [MPa]	Standard type		1.0	1.0
	Low wattage type		0.7	1.0
Coil rated voltage [V DC]			12, 24	12, 24
Allowable voltage fluctuation			± 10% of rated voltage	± 10% of rated voltage
Power consumption [W]	12 VDC	Standard type	1 W DC	0.95 W DC
		Low wattage type	0.5 W	0.4 W DC
	24 VDC	Standard type	1 W DC	0.95 W DC
		Low wattage type	0.5 W	0.4 W DC
Manual override			Push type Locking type (Tool required)	Push type Locking type (Tool required) Locking type (Manual)

*Flow characteristics and response time remain unchanged. Rest of features also remain unchanged.*

## ■ Dimensions

As there are no changes in external dimensions, the manifold base and plug lead connectors are interchangeable.

As there are differences in the mounting hole pitches, the pilot and booster valves are not interchangeable. In case new pilot valve wants to be mounted in old VQC4000/5000, please order the pilot valve assembly V118-□-□□, where the pilot valve and booster valve come as a set.

 Different specifications