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BUILDING TECHNOLOGY PRODUCTS CATALOGUE



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COMBI (PICV) VALVES

New VERIFLOW series with flow measurement facility.

Physically the same as VPI46, but an adaptable measuring port means flow can be calculated using a standard hand tool. Threaded combi valve PN25 for pressure independent flow control (on/off or modulating) in closed systems. Thermic actuators are best for hotel/residential. Modulating motoric are best for commercial. Also available complete with bypass manifold for standardised installation.



VERIFLOW
53-5XXX

VERIFLOW 53-5XXX	PART NUMBER	ACTUATOR 0-10V	ACTUATOR 0-10V THERMIC	ACTUATOR 3P 24V	MODBUS
15mm(0.2)	53-5362	SSA161E.05HF	STA161.40L10	SSA131.00	
15mm(0.6)	53-5364	SSA161E.05HF	STA161.40L10	SSA131.00	
20mm(1.4)	53-5368	SSA161E.05HF	STA161.65L10	SSA131.00	
25mm(1.8)	53-5339	SSA161E.05HF	STA161.65L10	SSA131.00	
25mm(3.6)	53-5373	SSA161E.05HF	STA161.65L10	SSA131.00	
32mm(4)	53-5374	SSA161E.05HF		SSA131.00	
40mm(9.5)	53-5300C	SAY61P03		SAY81P03	SAY61P03/MO
50mm(11.5)	53-5301C	SAY61P03		SAY81P03	SAY61P03/MO

New VERIFLOW flanged series combi valve with flow measurement facility.

Flanged combi valve PN16 for pressure independent flow control in closed systems. Utilises an extra pressure measurement port so that flow can be calculated using kv and standard commissioning handtool. DIN flanges. 25 bar variants also available. Great for HEX control as well as large AHUs.



VERIFLOW
53-5XXX Flanged

VERIFLOW 53-5XXX FLANGED	PART NUMBER	ACTUATOR 0-10V	MODBUS
50mm(15)	53-5000	SAX61P03	SAX61P03/MO
65mm(25)	53-5001	SAX61P03	SAX61P03/MO
80mm(34)	53-5002	SAX61P03	SAX61P03/MO
100mm(68)	53-5003	SAV61P00	SAV61P00/MO
125mm(110)	53-5004	SAV61P00	SAV61P00/MO
150mm(148)	53-5005	SAV61P00	SAV61P00/MO

New manifold complete with Veriflow valve including flow measuring facility.

25 Bar Combi Valve & Bypass Manifold Unit with 80mm pipe centres, extended ball valve handles, extended Y-strainer with 1" P/T plugs, drain & hose connector. Valve is mounted and assembly is pressure tested. See full list for flex hoses and insulation boxes for easy, standardised installation. Actuator not included with manifold so must be ordered separately. Can still get old generation VPI46 in manifold too.



Modula Manifold

MANIFOLD COMPLETE WITH BELOW VALVE NUMBER	RIGHT HANDING PART NUMBER	LEFT HANDING PART NUMBER	ACTUATOR 0-10V	ACTUATOR 2P 240V THERMIC
53-5362(15mm0.2)	58V-19-1-L-A	58V-1J-1-L-A	SSA161E.05HF	STA321.40L10
53-5364(15mm0.6)	58V-19-1-H-A	58V-1J-1-H-A	SSA161E.05HF	STA321.40L10
53-5368(20mm1.4)	58V-29-1-H-C	58V-2J-1-H-C	SSA161E.05HF	STA321.65L10
53-5339(25mm1.8)	58V-A9-1-L-D	58V-AJ-1-L-D	SSA161E.05HF	STA321.65L10
53-5373(25mm3.6)	58V-39-1-H-D	58V-3J-1-H-D	SSA161E.05HF	STA321.65L10

ON/OFF Threaded combi valve PN25 for pressure independent flow control in closed systems.

Thermic actuators are best for hotel/residential. Shaft extender (07-5379) required for 25mm thermic. Motoric are best for commercial. Designed with dial underneath for easy commissioning access.

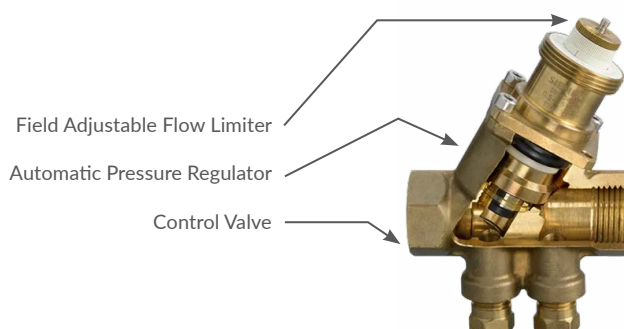


VQI46

PART NUMBER	ACTUATOR 240V THERMIC	ACTUATOR 24V THERMIC	ACTUATOR 2P MOTORIC 240V
VQI46.15L0.5QF	STA321.65L10	STA121.65L10	SUE21P
VQI46.15F1.3QF	STA321.65L10	STA121.65L10	SUE21P
VQI46.20F1.5QF	STA321.65L10	STA121.65L10	SUE21P
VQI46.25F1.8QF	STA321.65L10	STA121.65L10	SUE21P



STA



GLOBE VALVES

2 port globe valve for FCU, VAV and chilled beams applications 10-25mm PN16.

Be wary of fitting and connection sizes.



VVP45



SSB..

PART NUMBER	ACTUATOR 0-10V	FITTINGS (PAIR)
VVP45.10-0.25	SSB161.05HF	ALG132
VVP45.10-0.4	SSB161.05HF	ALG132
VVP45.10-0.63	SSB161.05HF	ALG132
VVP45.10-1	SSB161.05HF	ALG132
VVP45.10-1.6	SSB161.05HF	ALG132
VVP45.15-2.5	SSB161.05HF	ALG142
VVP45.20-4	SSB161.05HF	ALG152B
VVP45.25-6.3	SSB161.05HF	ALG202B
VVP45.25-10	SSC161.05HF	ALG252B

3 port globe valve for FCU, VAV and chilled beams applications 10-25mm PN16.

Be wary of fitting and connection sizes. Install in a mixing application.



VXP45



SSB..

PART NUMBER	ACTUATOR 0-10V	FITTINGS (PAIR) 2 PAIR REQUIRED
VXP45.10-0.25	SSB161.05HF	ALG132
VXP45.10-0.4	SSB161.05HF	ALG132
VXP45.10-0.63	SSB161.05HF	ALG132
VXP45.10-1	SSB161.05HF	ALG132
VXP45.10-1.6	SSB161.05HF	ALG132
VXP45.15-2.5	SSB161.05HF	ALG142
VXP45.20-4	SSB161.05HF	ALG152B
VXP45.25-6.3	SSB161.05HF	ALG202B
VXP45.25-10	SSC161.05HF	ALG252B

Premium 2 port globe valve for FCU, VAV and chilled beams applications 15-25mm PN16.

Spring return actuators available.



VVG44



SAS..

PART NUMBER	ACTUATOR 0-10V	FITTINGS (PAIR)	ACTUATOR MODBUS
VVG44.15-0.25	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-0.4	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-0.63	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-1	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-1.6	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-2.5	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-4	SAS61.03	ALG152B	SAS61.03/MO
VVG44.20-6.3	SAS61.03	ALG202B	SAS61.03/MO
VVG44.25-10	SAS61.03	ALG252B	SAS61.03/MO

Premium 3 port globe valve for FCU, VAV and chilled beams applications 15-25mm PN16.

Spring return actuators available. Best to install in a mixing application.



VVG44

PART NUMBER	ACTUATOR 0-10V	FITTINGS (PAIR) 2 PAIR REQUIRED	ACTUATOR MODBUS
VVG44.15-0.25	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-0.4	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-0.63	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-1	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-1.6	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-2.5	SAS61.03	ALG152B	SAS61.03/MO
VVG44.15-4	SAS61.03	ALG152B	SAS61.03/MO
VVG44.20-6.3	SAS61.03	ALG202B	SAS61.03/MO
VVG44.25-10	SAS61.03	ALG252B	SAS61.03/MO

GLOBE VALVES

Premium 2 port globe valve for AHU and FCU applications 25-50mm PN16. Spring return and higher torque actuators available.

Spindle heater ASZ6.6 available for glycol applications.



VVG41

PART NUMBER	ACTUATOR 0-10V	FITTINGS (PAIR)	ACTUATOR MODBUS
VVG41.25	SAX61.03	ALG252B	SAX61.03/MO
VVG41.32	SAX61.03	ALG322B	SAX61.03/MO
VVG41.40	SAX61.03	ALG402B	SAX61.03/MO
VVG41.50	SAX61.03	ALG502B	SAX61.03/MO

Premium 3 port globe valve for AHU and FCU applications 25-50mm PN16. Spring return and higher torque actuators available.

Spindle heater ASZ6.6 available for glycol applications. Always best to install as a mixing application.



VVG41

PART NUMBER	ACTUATOR 0-10V	FITTINGS (PAIR) 2 PAIR REQUIRED	ACTUATOR MODBUS
VVG41.25	SAX61.03	ALG252B	SAX61.03/MO
VVG41.32	SAX61.03	ALG322B	SAX61.03/MO
VVG41.40	SAX61.03	ALG402B	SAX61.03/MO
VVG41.50	SAX61.03	ALG502B	SAX61.03/MO

2 port globe valve for AHU and plant applications 50-150mm PN16. DIN Flanges Spring return and higher torque actuators available.

Spindle heater ASZ6.6 available for glycol use. Use pressure compensated "K" versions from 80mm for high shutoff.



VVF42

PART NUMBER	ACTUATOR 0-10V	ACTUATOR MODBUS
VVF42.50-31.5C	SAX61.03	SAX61.03/MO
VVF42.50-40C	SAX61.03	SAX61.03/MO
VVF42.65-50C	SAV61.00	SAV61.00/MO
VVF42.65-63C	SAV61.00	SAV61.00/MO
VVF42.80KC	SAX61.03	SAX61.03/MO
VVF42.100KC	SAV61.00	SAV61.00/MO
VVF42.125KC	SAV61.00	SAV61.00/MO
VVF42.150KC	SAV61.00	SAV61.00/MO

3 port globe valve for AHU and plant applications 50-150mm PN16. DIN Flanges Spring return and higher torque actuators available.

Spindle heater ASZ6.6 available for glycol applications. Always best to use as a mixing application.



VXF42

PART NUMBER	ACTUATOR 0-10V	ACTUATOR MODBUS
VXF42.50-31.5C	SAX61.03	SAX61.03/MO
VXF42.50-40C	SAX61.03	SAX61.03/MO
VXF42.65-50C	SAV61.00	SAV61.00/MO
VXF42.65-63C	SAV61.00	SAV61.00/MO
VXF42.80-80C	SAV61.00	SAV61.00/MO
VXF42.80-100C	SAV61.00	SAV61.00/MO
VXF42.100-125C	SAV61.00	SAV61.00/MO
VXF42.100-160C	SAV61.00	SAV61.00/MO
VXF42.125-200C	SAV61.00	SAV61.00/MO
VXF42.125-250C	SAV61.00	SAV61.00/MO
VXF42.150-315C	SAV61.00	SAV61.00/MO
VXF42.150-400C	SAV61.00	SAV61.00/MO



SAX..

GLOBE VALVES

2 port globe valve for AHU and plant applications 25-150mm PN25.

DIN Flanges Spring return and higher torque actuators available. Really handy split kv's for odd coils. Use pressure compensated "K" versions from 80mm for high shutoff (in full list).



VVF53



SAV..

PART NUMBER	ACTUATOR 0-10V	ACTUATOR MODBUS
VVF53.25-5	SAX61.03	SAX61.03/MO
VVF53.25-6.3	SAX61.03	SAX61.03/MO
VVF53.25-8	SAX61.03	SAX61.03/MO
VVF53.25-10	SAX61.03	SAX61.03/MO
VVF53.32-16	SAX61.03	SAX61.03/MO
VVF53.40-12.5	SAX61.03	SAX61.03/MO
VVF53.40-16	SAX61.03	SAX61.03/MO
VVF53.40-20	SAX61.03	SAX61.03/MO
VVF53.40-25	SAX61.03	SAX61.03/MO
VVF53.50-31.5	SAX61.03	SAX61.03/MO
VVF53.50-40	SAX61.03	SAX61.03/MO
VVF53.65-63	SAV61.00	SAV61.00/MO

BUTTERFLY VALVES

DIN Flanged WAFER valve PN16 for bubbletight shutoff. Can be used for coarse plant control.

Actuators are 240V due to massive torque requirement. Actuators are IP67 rated and 2P variants are complete with AUX switches. Perfect for plant conditions.



VKF42



SQL3xxB



PART NUMBER	ACTUATOR 240V 0-10V	ACTUATOR 240V 2P
VKF42.50	SQL361B25	SQL321B25
VKF42.65	SQL361B25	SQL321B25
VKF42.80	SQL361B25	SQL321B25
VKF42.100	SQL361B50	SQL321B50
VKF42.125	SQL361B50	SQL321B50
VKF42.150	SQL361B50	SQL321B50
VKF42.200	SQL361B150	SQL321B150
VKF42.250	SQL361B270	SQL321B270
VKF42.300	SQL361B270	SQL321B270
VKF42.350	SQL361B570	SQL321B570
VKF42.400	SQL361B570	SQL321B570
VKF42.450	SQL361B1400	SQL321B1400
VKF42.500	SQL361B1400	SQL321B1400
VKF42.600	SQL361B2650	SQL321B2650

DIN Flanged LUGGED valve PN16 for bubbletight shutoff. Can be used for coarse plant control.

Actuators are 240V due to massive torque requirement. Actuators are IP67 rated and 2P variants are complete with AUX switches. Perfect for plant conditions.



VFL41



SQL3xxE



PART NUMBER	ACTUATOR 240V 0-10V	ACTUATOR 240V 2P
VFL41.50	SQL361E25	SQL341E25
VFL41.65	SQL361E25	SQL341E25
VFL41.80	SQL361E40	SQL341E40
VFL41.100	SQL361E40	SQL341E40
VFL41.125	SQL361E40	SQL341E40
VFL41.150	SQL361E100	SQL341E100
VFL41.200	SQL361E100	SQL341E100
VFL41.250	SQL361E400	SQL341E400
VFL41.300	SQL361E400	SQL341E400
VFL41.350	SQL361E400	SQL341E400
VFL41.400	SQL361E400	SQL341E400

BALL VALVES

Characterised threaded ball valve PN40 for AHU & FCU control.

Utilises damper actuator with mounting kit. Actuator Part Numbers below come complete with kit for easy mounting. Very handy to have several kv's per line size. Helps get out of trouble for odd coil selections. Also used for WCPU shutoff where modulating duty is required.



VAI61



PART NUMBER	ACTUATOR 0-10V	ACTUATOR 2/3P 24V	ACTUATOR 2P SR 24V	MODBUS
VAI61.15-0.25	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.15-0.4	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.15-0.63	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.15-1	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.15-1.6	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.15-2.5	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.15-4	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.15-10	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.20-4	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.20-6.3	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.20-10	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.25-6.3	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.25-10	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.25-16	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VAI61.32-10	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO
VAI61.32-16	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO
VAI61.32-25	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO
VAI61.40-16	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO
VAI61.40-25	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO
VAI61.40-40	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO
VAI61.50-40	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO
VAI61.50-63	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO

Non Characterised Threaded ball valve PN40 for 2P isolation applications.

Typically Water Cooled Package Units use these with a PPE2.AA water DP switch for flow status. Utilises damper actuator with mounting kit. Actuator Part Numbers below come complete with kit for easy mounting.



VAI60



PART NUMBER	ACTUATOR 2/3P 24V	ACTUATOR 2P SR 24V	ACTUATOR 2P SR 240V
VAI60.15-15	GSD141.9A	GQD121.9A	GQD321.9A
VAI60.20-22	GSD141.9A	GQD121.9A	GQD321.9A
VAI60.25-22	GSD141.9A	GQD121.9A	GQD321.9A
VAI60.32-35	GLB141.9E	GMA121.9E	GMA321.9E
VAI60.40-68	GLB141.9E	GMA121.9E	GMA321.9E
VAI60.50-96	GLB141.9E	GMA121.9E	GMA321.9E

Characterised flanged ball valve PN16 for lower cost AHU & Plant control.

New direct mount actuator range. Can't be used for bypass applications as linear reaction not possible.



VAF41



SQL..

PART NUMBER	ACTUATOR 0-10V	ACTUATOR 24V 3P OR ON/OFF
VAF41.65-63/2	SQL161A00T20	SQL136A00T20
VAF41.80-100/2	SQL161A00T20	SQL136A00T20
VAF41.100-160/2	SQL161A00T35	SQL136A00T35
VAF41.125-250/2	SQL161A00T35	SQL136A00T35
VAF41.150-360/2	SQL161A00T50	SQL136A00T50

BALL VALVES

3 Port Characterised threaded ball valve PN40 for AHU & FCU control.

Utilises damper actuator with mounting kit. Actuator Part Numbers below come complete with kit for easy mounting. Also used for WCPU shutoff applications.



VBI61



GQD..



GSD..

PART NUMBER	ACTUATOR 0-10V	ACTUATOR 2/3P 24V	ACTUATOR 2P SR 24V	MODBUS
VBI61.15-1.6	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VBI61.15-2.5	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VBI61.15-4	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VBI61.15-6.3	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VBI61.20-4	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VBI61.20-6.3	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VBI61.25-10	GSD161.9A	GSD141.9A	GQD121.9A	GLB111.9E/MO
VBI61.32-16	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO
VBI61.40-25	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO
VBI61.50-40	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO
VBI61.50-63	GLB161.9E	GLB141.9E	GMA121.9E	GLB111.9E/MO

INTELLIGENT VALVES

Threaded Intelligent Valve PN16 for coil performance optimisation and energy monitoring.

Flow meter and valve can be split into supply & return lines if space is an issue. Complete with matched temperature sensor pair. BACnet IP & Modbus interface. Loop in, loop out so no switch required. Field replaceable components. Automatic Cloud connection.



EVG4



PART NUMBER	FITTINGS (PAIR)	POCKETS (PAIR)
EVG4U10E015	ALG152B	EZT-M40
EVG4U10E020	ALG202B	EZT-M40
EVG4U10E025	ALG252B	EZT-M40
EVG4U10E032	ALG322B	EZT-M40
EVG4U10E040	ALG402B	EZT-M40
EVG4U10E050	ALG502B	EZT-M40

Flanged Intelligent Valve PN16 for coil performance optimisation and energy monitoring.

Flow meter and valve can be split into supply & return lines if space is an issue. Complete with matched temperature sensor pair. BACnet IP & Modbus interface. Loop in, loop out so no switch required. Field replaceable components. Automatic Cloud connection.



EVF4 & EXF4



2 WAY PART NUMBER	3 WAY PART NUMBER
EVF4U20E065	EXF4U20E065
EVF4U20E080	EXF4U20E080
EVF4U20E100	EXF4U20E100
EVF4U20E125	

3 Port Threaded Intelligent Valve PN16 for coil performance optimisation and energy monitoring.

Flow meter and valve can be split into supply & return lines if space is an issue (will need 2 sets of ALG fittings). Complete with matched temperature sensor pair & BACnet IP interface. Loop in, loop out so no switch required.



EXG4



PART NUMBER	FITTINGS (PAIR) - MAY NEED 2 PAIR DEPENDING ON MOUNTING	POCKETS (PAIR)
EXG4U10E015	ALG152B	EZT-M40
EXG4U10E020	ALG202B	EZT-M40
EXG4U10E025	ALG252B	EZT-M40
EXG4U10E032	ALG322B	EZT-M40
EXG4U10E040	ALG402B	EZT-M40
EXG4U10E050	ALG502B	EZT-M40

CONTROL EQUIPMENT

Connect Box

Siemens Connect Box is your connectivity champion. Designed to go beyond just building monitoring, it collects, connects and distributes data insights across every level of your building. 4G enabled, universal and open IoT solution to connect and monitor small and medium sized buildings.

CWG.BOX-NA
Cloud Licence
On-Premise Licence



RDF4 1H/1C, Door Switch LCD.

NFC programming via mobile phone



NEW RDF4	PART NUMBER
BACnet 3 Spd Fan	RDF400BN
BACnet ECM Fan	RDF460BN
Modbus 3 Spd Fan	RDF400MB
Modbus ECM Fan	RDF460MB

Powerful room comfort control

Attractive design

Wide range of fan coil application



Easy commissioning

Guaranteed interoperability



Modbus I/O Expansion Modules (agnostic - will work with all BMS)



NEW EM1	PART NUMBER
8 Digital	EM1.8D
8 Universal	EM1.8U
8 Relay(24V)	EM1.8R

SENSORS

Temperature Sensors

Threaded Intelligent Valve PN16 for coil performance optimisation and energy monitoring. Flow meter and valve can be split into supply & return lines if space is an issue. Complete with matched temperature sensor pair. BACnet IP & Modbus interface. Loop in, loop out so no switch required. Field replaceable components. Automatic Cloud connection.



DESCRIPTION	10K2	0-10V	4-20MA	MODBUS
Room	QAA2030	QAA2061	QAA2071	QFA2050/MO
Duct Standard	QAM2030.020			
Duct Long	QAM2030.045	QAM2161.040	QAM2171.040	QAM2151.040/MO
Air off Coil	QAM2030.250			
Immersion 50mm	QAE2030.005			
Immersion 100mm	QAE2030.010	QAE2164.010	QAE2174.010	QAE2154.010/MO
Immersion 150mm	QAE2030.015	QAE2164.015	QAE2174.015	
Outside	QAC2030	QAC3161	QAC3171	

Note 10K type 2 immersion sensors come complete with pocket. 0-10V and 4-20mA versions require ALT-SSxx pocket.

Air Quality & Gas Sensors

AIR QUALITY & GAS SENSORS		
DESCRIPTION	ROOM	DUCT
T/RH BASIC		QFM1660
T/RH STANDARD	QFA2060	QFM2160
T/RH 4-20MA	QFA2071	QFM2171
T/RH HI ACCURACY*	QFA3160	QFM3160
T/RH HI ACCURACY 4-20MA	QFA3171	QFM3171
T/RH MODBUS	QFA2050/MO	QFM2150/MO
CO2	QPA1004	QPM1104
CO2 HI ACCURACY	QPA2000	QPM2100
VOC	QPA1000	QPM1100
CO2 + VOC	QPA2002	QPM2102
CO2 + T/RH	QPA2062	QPM2162
CO2 + VOC MODBUS		QPM2102/MO
CO2 + T/RH MODBUS	QPA2052/MO	QPM2152/MO
DUST PM2.5 & PM10	QSA2700	QSM2100
CO 4-20MA	GAS:CO-150-D	
NO2 4-20MA (3 WIRE)	MC2-D-E1130-B-0	
REFRIGERANTS	Ask for the variant you require	
R134A 4-20MA (3 WIRE)	MC2:D-S2077-01-A-0-P-00	
	*QFA3160 also used as outdoor air T/RH with AQF3100 shroud	

MISCELLANEOUS SENSORS & PARTS	
DESCRIPTION	PART NUMBER
AIR FLOW SWITCH	930.80B222234
WATER DP SWITCH	PPE2.AA
HPT	141-0530-M
OUTDOOR T/RH SHROUD	AQF3100
WATER TRAY DETECTOR	U0006-0007
POCKET 100MM	ALT-SS100
POCKET 150MM	ALT-SS150
SSR 0-10V TO 24VAC PULSE	SEM61.4
TRANSFORMER W SWITCH & FUSE	SEM62.2
AIR VELOCITY SENSOR	QVM62.1-HE
STROBE & SIREN	MLD:95A
SENSOR GUARD	Barrier Guard
OUTDOOR LIGHT SENSOR	LI65+V
CURRENT SWITCH ECM	H6ECM05
CURRENT SWITCH SPLIT FIXED	H600
CURRENT SWITCH SPLIT ADJ	H608
CURRENT SWITCH SOLID FIXED	H800
CURRENT SWITCH SOLID ADJ	H808
ON/OFF THERMOSTAT	RAA21



SENSORS

Isolation Room Pressure Monitors.

BACnet interface with touchscreen programming and integral high accuracy sensor.
NEW RPI Remote.



UP TO 3 ZONE	RPM.62-SD
WALL PLATE (EA)	547-100
EXTRA DP	QBM3020-1U



SINGLE ZONE	547-203B
WALL PLATE (EA)	547-100

Pressure Indicator.

4-20mA output LCD + LED status indicator. Visual & audible alarm. Perfect for labs and hospitals Only 1 wall plate required.



NEW RPI REMOTE
RPI.62-SD
RPI.00-SD
547-100

Air Pressure Sensors



DESCRIPTION	-50 TO 50 PA	0-100PA	0-500PA	HIGH RANGE
STANDARD 0-10V	QBM2030-1U	QBM2030-1U	QBM2030-5	QBM2030-30
STANDARD 4-20MA	QBM2130-1U	QBM2130-1U	QBM2130-5	QBM2130-30
PREMIUM (EXTRACT ROOT OR LINEAR))	QBM3020-1U	QBM3020-1	QBM3020-5	QBM3020-25
PREMIUM 4-20MA (EXTRACT ROOT OR LINEAR)	QBM3120-1U	QBM3120-1	QBM3120-5	QBM3120-25
MODBUS			QBM3700-5/MO	QBM3700-25/MO

Note that new 4-20mA 2 wire version of the QBM2 are now available and stocked.

Water Differential Pressure Sensors



DESCRIPTION	0-50KPA	0-100KPA	0-250KPA	0-400KPA
QBE63 0-10V	QBE63-DP05	QBE63-DP1		
QBE3000 0-10V		QBE3000-D1	QBE3000-D2.5	QBE3000-D4
QBE3100 4-20mA		QBE3100-D1	QBE3100-D2.5	QBE3100-D4

Note QBE63 have higher over pressure range.

New Wireless Room Sensors.

Works on Thread protocol (new standard for IOT devices). BACnet IP interface. Very long battery life. Perfect for commercial office applications.



DESCRIPTION	PART NUMBER
Temperature	QAA2890/WI
Temperature/Humidity	QFA2890/WI
Temperature/Humidity and CO2	QPA2892/WI

DESCRIPTION	PART NUMBER
BACnetIP Gateway	OCT200.KNBA
Mesh Extender	OCT100.R

New Reset and Well Certified product measuring.

Temperature, Humidity, CO2, PM2.5 (dust), VOC, Light and Sound. LED and high level interface.



DESCRIPTION	PART NUMBER
BACnetIP (PoE)	QNA2700D.BA1
BACnet MSTP	QNA2700D.BA2
LoRaWAN	QNA2820D.AU

DAMPER ACTUATORS

Spring Return Actuators



DESCRIPTION	0-10V	2P 24V	2P 240V	MODBUS
GQD 2NM 0.3M2	GQD161.1A	GQD121.1A	GQD321.1A	
GPC 4NM 0.6M2	GPC161.1A	GPC121.1A	GPC321.1A	
GMA 7NM 1.2M2	GMA151.1U	GMA121.1E	GMA321.1E	GMA161.1E/MO
GCA 18NM 3M2	GCA151.1U	GCA121.1E	GCA321.1E	GCA161.1E/MO

Non Spring Return Actuators



DESCRIPTION	2P 24V	2P 240V	2P 24V AUX	2P 240V AUX
GJD 2NM 0.3M2	GJD121.1U	GJD321.1U	GJD126.1U	GJD326.1U
GRD 3.4NM 0.5M2	GRD121.1U	GRD321.1U	GRD126.1U	GRD326.1U
GKD 9NM 1.5M2	GKD121.1U	GKD321.1U	GKD126.1U	GKD326.1U
GVD 23NM 4M2	GVD121.1U	GVD321.1U	GVD126.1U	GVD326.1U

Note GVD GKD AC24V only - no DC.

Motorised Smoke Dampers

Used for floor sandwich pressurisation in office applications as well as standard MSD applications in hospitals for example.

Quick drive time, higher operating temperature, fixed chuck and integral mounting points.



DESCRIPTION	2P 24V	2P 240V	2P 24V AUX	2P 240V AUX
GJD 2NM 0.3M2	GJD121.1U	GJD321.1U	GJD126.1U	GJD326.1U
GRD 3.4NM 0.5M2	GRD121.1U	GRD321.1U	GRD126.1U	GRD326.1U
GKD 9NM 1.5M2	GKD121.1U	GKD321.1U	GKD126.1U	GKD326.1U
GVD 23NM 4M2	GVD121.1U	GVD321.1U	GVD126.1U	GVD326.1U

Note GVD GKD AC24V only - no DC.

BACNET VAV Controller

Compact, configurable room automation station and actuator combination.

BACnet IP & MSTP variants, 24 V, 2 UI, 1 AO, 4 triac, pressure sensor, Standard VAV application preloaded. User configurable.



NM	VAV IP	VAV MSTP
5Nm	DXR1.E09PDZ-112/CA	DXR1.M09PDZ-112
10Nm	DXR1.E02PLZ-112	

DXR1



MAGNETIC FLOW METERS

PN16 with DIN flanges for CHW, CW, make-up water and low temperature HHW (<60 degrees from heat pump or similar) applications.

Need a NEW FMT020 per tube. 24VDC power supply only. Optional NEW remote mount kit and cable if required. Any length of cable possible. Magflos are available down to 25mm and up to 2m if required.



SIZE (MM)	TUBE PART NUMBER	MAG5000 INTEGRATOR 24VDC	REMOTE MOUNT KIT	REMOTE MOUNT CABLE 10M
50	SBT7ME6530-2YC02-1AA0-Z A02	SBT7ME6942-0AA00-0AA2	SBT7ME6940-1WU10	SBTFDK-083F0121
65	SBT7ME6530-3FC02-1AA0-Z A02	SBT7ME6942-0AA00-0AA2	SBT7ME6940-1WU10	SBTFDK-083F0121
80	SBT7ME6530-3MC02-1AA0-Z A02	SBT7ME6942-0AA00-0AA2	SBT7ME6940-1WU10	SBTFDK-083F0121
100	SBT7ME6530-3TC02-1AA0-Z A02	SBT7ME6942-0AA00-0AA2	SBT7ME6940-1WU10	SBTFDK-083F0121
125	SBT7ME6530-4BC02-1AA0-Z A02	SBT7ME6942-0AA00-0AA2	SBT7ME6940-1WU10	SBTFDK-083F0121
150	SBT7ME6530-4HC02-1AA0-Z A02	SBT7ME6942-0AA00-0AA2	SBT7ME6940-1WU10	SBTFDK-083F0121
200	SBT7ME6530-4PC02-1AA0-Z A02	SBT7ME6942-0AA00-0AA2	SBT7ME6940-1WU10	SBTFDK-083F0121
250	SBT7ME6530-4VC02-1AA0-Z A02	SBT7ME6942-0AA00-0AA2	SBT7ME6940-1WU10	SBTFDK-083F0121
300	SBT7ME6530-5BC02-1AA0-Z A02	SBT7ME6942-0AA00-0AA2	SBT7ME6940-1WU10	SBTFDK-083F0121

*Note that a retrofit kit is required to use new FMT020 on existing MAG5100/MAG3100 tube, MAG5000 still available for foreseeable future * Modbus comms card now available. BACnet in next release.

Magnetic flow meter PN16 with DIN flanges for CHW, CW, make-up water and low temperature HHW (<60 degrees from heat pump or similar) applications.

Need a MAG5000 per tube. Optional remote mount kit and cable if required. Any length of cable possible. Magflos are available down to 25mm and up to 2m if required.



OLD Style
MAG5100W

SIZE (MM)	TUBE PART NUMBER	MAG5000 INTEGRATOR 24V	REMOTE MOUNT KIT	REMOTE MOUNT CABLE 10M
50	SBT7ME6520-2YC12-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
65	SBT7ME6520-3FC12-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
80	SBT7ME6520-3MC12-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
100	SBT7ME6520-3TC12-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
125	SBT7ME6520-4BC12-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
150	SBT7ME6520-4HC12-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
200	SBT7ME6520-4PC12-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
250	SBT7ME6520-4VC12-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
300	SBT7ME6520-5DC12-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121

Magnetic flow meter PN16 with DIN flanges for high temperature HHW (>60 degrees) applications.

Need a MAG5000 per tube. The remote mount kit and cable are required for every meter to get the electronics away from the hot tube. Magflos are available down to 25mm and up to 2m if required. No integral earthing so need extra bonding.



MAG3100P

SIZE (MM)	TUBE PART NUMBER	MAG5000 INTEGRATOR 24V	REMOTE MOUNT KIT	REMOTE MOUNT CABLE 10M
40	SBT7ME6340-2RF13-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
50	SBT7ME6340-2YF13-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
65	SBT7ME6340-3FC13-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
80	SBT7ME6340-3MC13-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
100	SBT7ME6340-3TC13-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
125	SBT7ME6340-4BC13-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
150	SBT7ME6340-4HC13-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121
200	SBT7ME6340-4PC13-2AA1	SBT7ME6910-1AA30-1AA0	SBTFDK-085U1018	SBTFDK-083F0121

ENERGY METERS

UC50 Energy Calculators

utilise a pulsed flow signal from the magflo with a pair of matched temperature sensors to calculate thermal energy in plant applications. A DC power supply is required with these UC50 calculators. Can still utilise the low level magflo 4-20mA for control and flow monitoring applications.

Below kits include UC50, 10m matched PT500 temperature sensors, pockets and sensor clamps. 3 options of interface card.



UC50



UC50	PART NUMBER	BACNET CARD	MODBUS	MBUS
Heat <=150mm Return	UC50L030-KIT	WZU:485E-BAC	WZU:485E-MOD	WZU:MBG4
Heat >=200mm Return	UC50L050-KIT	WZU:485E-BAC	WZU:485E-MOD	WZU:MBG4
Heat <=150mm Supply	UC50M030-KIT	WZU:485E-BAC	WZU:485E-MOD	WZU:MBG4
Heat >=200mm Supply	UC50M050-KIT	WZU:485E-BAC	WZU:485E-MOD	WZU:MBG4
Cool <=150mm Flow	UC50U030-KIT	WZU:485E-BAC	WZU:485E-MOD	WZU:MBG4
Cool >=200mm Flow	UC50U050-KIT	WZU:485E-BAC	WZU:485E-MOD	WZU:MBG4
Cool <=150mm Return	UC50T030-KIT	WZU:485E-BAC	WZU:485E-MOD	WZU:MBG4
Cool >=200mm Return	UC50T050-KIT	WZU:485E-BAC	WZU:485E-MOD	WZU:MBG4

Mbus Level Converters (Power Supplies)



DESCRIPTION	PART NUMBER
60 Devices	WTV531-GA5060
250 Devices*	WTX631-GA0090

*Converter or repeater



FM100

New compact magnetic flow meter

- | 15, 20, 25 & 50mm variants
- | Analogue & Pulse outputs
- | Perfect for makeup & dosing applications

FS220

Clamp On Ultrasonic Flow Metering Kit. Works on any pipe material. Base model kits below.



DESCRIPTION	PART NUMBER
Pipes 19mm-127mm	7ME3570-1JB40-0CQ1
Pipes 51mm-305mm	7ME3570-1JB40-0DQ1
Pipes 203mm-610mm	7ME3570-1JB40-0EQ1

ENERGY METERS

UH50G Thermal Energy Meters

are a billing grade meter complying with EN1434 for commercial applications. Each comes complete with the flow tube, calculator and sensors. The listed fittings need to be ordered separately. Modbus and mbus interface cards are available. The cooling meters are now preconfigured as "heat cool" meters for condenser water applications where reverse cycle units are utilised. PN25 variants available all sizes.



UH50G Cooling



CONNECTION SIZE & FLOW	PART NUMBER	UNION FITTINGS	FLOW SENSOR MOUNT	BACNET CARD
15mm 0.6m ³ /hr	UH50G05PAU06-F-0C-M000-T2A	WZM-E34	WZT-A12	WZU:485E-BAC
15mm 1.5m ³ /hr	UH50G21PAU06-F-0C-M000-T2A	WZM-E34	WZT-A12	WZU:485E-BAC
20mm 2.5m ³ /hr	UH50G38PAU06-F-0C-M000-T2A	WZM-E1	WZT-A12	WZU:485E-BAC
25mm 3.5m ³ /hr	UH50G45PAU06-F-0E-M000-T2A	WZM-E54	WZT-A12	WZU:485E-BAC
25mm 6m ³ /hr	UH50G50PAU06-F-0E-M000-T2A	WZM-E54	WZT-A12	WZU:485E-BAC

CONNECTION SIZE & FLOW	PART NUMBER	UNION FITTINGS	SENSOR POCKETS (2 REQ'D)	BACNET CARD
40mm 10m ³ /hr	UH50G60PAU06-E-0H-M000-T2A	WZM-E2	WZT:M35	WZU:485E-BAC

CONNECTION SIZE & FLOW	PART NUMBER	SENSOR POCKETS (2 REQ'D)	BACNET CARD	MODBUS CARD
50mm 15m ³ /hr	UH50G65PAU06-E-0H-M000-T2B	WZT:M35	WZU:485E-BAC	WZU:485E-MOD
65mm 25m ³ /hr	UH50G70PAU06-E-0M-M000-T2B	WZT:S100PRO	WZU:485E-BAC	WZU:485E-MOD
80mm 40 m ³ .hr	UH50G74PAU06-E-0M-M000-T2B	WZT:S100PRO	WZU:485E-BAC	WZU:485E-MOD
100mm 60m ³ /hr	UH50G83PAU06-E-0M-M000-T2B	WZT:S100PRO	WZU:485E-BAC	WZU:485E-MOD

UH50A Thermal Energy Meters

are a billing grade meter complying with EN1434 for commercial applications. Each comes complete with the flow tube, calculator and sensors. The listed fittings need to be ordered separately. Modbus and mbus interface cards are available. PN25 variants available all sizes.



UH50A Heating



CONNECTION SIZE & FLOW	PART NUMBER	UNION FITTINGS	FLOW SENSOR MOUNT	BACNET CARD
15mm 0.6m ³ /hr	UH50A05PAU06-F-0C-M000-T2A	WZM-E34	WZT-A12	WZU:485E-BAC
15mm 1.5m ³ /hr	UH50A21PAU06-F-0C-M000-T2A	WZM-E34	WZT-A12	WZU:485E-BAC
20mm 2.5m ³ /hr	UH50A38PAU06-F-0C-M000-T2A	WZM-E1	WZT-A12	WZU:485E-BAC
25mm 3.5m ³ /hr	UH50A45PAU06-F-0E-M000-T2A	WZM-E54	WZT-A12	WZU:485E-BAC
25mm 6m ³ /hr	UH50A50PAU06-F-0E-M000-T2A	WZM-E54	WZT-A12	WZU:485E-BAC

CONNECTION SIZE & FLOW	PART NUMBER	UNION FITTINGS	SENSOR POCKETS (2 REQ'D)	BACNET CARD
40mm 10m ³ /hr	UH50A60PAU06-E-0H-M000-T2A	WZM-E2	WZT:M35	WZU:485E-BAC

CONNECTION SIZE & FLOW	PART NUMBER	SENSOR POCKETS (2 REQ'D)	BACNET CARD	MODBUS CARD
50mm 15m ³ /hr	UH50A65PAU06-E-0H-M000-T2B	WZT:M35	WZU:485E-BAC	WZU:485E-MOD
65mm 25m ³ /hr	UH50A70PAU06-E-0M-M000-T2B	WZT:S100PRO	WZU:485E-BAC	WZU:485E-MOD
80mm 40 m ³ .hr	UH50A74PAU06-E-0M-M000-T2B	WZT:S100PRO	WZU:485E-BAC	WZU:485E-MOD
100mm 60m ³ /hr	UH50A83PAU06-E-0M-M000-T2B	WZT:S100PRO	WZU:485E-BAC	WZU:485E-MOD



ENERGY METERS

UH40G Thermal Energy Meters

A billing grade meter complying with EN1434 for residential applications. Each comes complete with the flow tube, calculator, sensors and comms card. The listed fittings need to be ordered separately.

The MBUS meters are MBUS powered with battery backup. The range has been expanded to 3.5&6m³/hr which does most penthouses.



UH50A Heating

M-Bus

MBUS	CONNECTION SIZE & FLOW	PART NUMBER	UNION FITTINGS	FLOW SENSOR MOUNT
Mbus 16 Bar	15mm 0.6m ³ /hr	UH40G05CAU06-F0B-B0AB-T2A	WZM-E34	WZT-A12
	15mm 1.5m ³ /hr	UH40G21CAU06-F0B-B0AB-T2A	WZM-E34	WZT-A12
	20mm 2.5m ³ /hr	UH40G36CAU06-F0B-B0AB-T2A	WZM-E1	WZT-A12
	25mm 3.5m ³ /hr	UH40G43CAU06-F0E-B0AB-T2A	WZM-E54	WZT-A12
	25mm 6m ³ /hr	UH40G53CAU06-F0E-B0AB-T2A	WZM-E54	WZT-A12
Mbus 25 Bar	15mm 0.6m ³ /hr	UH40G06CAU06-F0B-B0AB-T2A	WZM-E34	WZT-A12
	15mm 1.5m ³ /hr	UH40G22CAU06-F0B-B0AB-T2A	WZM-E34	WZT-A12
	20mm 2.5m ³ /hr	UH40G37CAU06-F0B-B0AB-T2A	WZM-E1	WZT-A12
	25mm 3.5m ³ /hr	UH40G44CAU06-F0E-B0AB-T2A	WZM-E54	WZT-A12
	25mm 6m ³ /hr	UH40G54CAU06-F0E-B0AB-T2A	WZM-E54	WZT-A12

UH40A Thermal energy meters

A billing grade meter complying with EN1434 for residential applications. Each comes complete with the flow tube, calculator, sensors and comms card. The listed fittings need to be ordered separately.

The MBUS meters are MBUS powered with battery backup. The return sensor is mounted in the tube. The range has been expanded to 3.5&6m³/hr which does most penthouses.



UH50A Heating

M-Bus

MBUS	CONNECTION SIZE & FLOW	PART NUMBER	UNION FITTINGS	FLOW SENSOR MOUNT
Mbus 16 Bar	15mm 0.6m ³ /hr	UH40A05CAU06-F0B-B0AA-T2A	WZM-E34	WZT-A12
	15mm 1.5m ³ /hr	UH40A21CAU06-F0B-B0AA-T2A	WZM-E34	WZT-A12
	20mm 2.5m ³ /hr	UH40A36CAU06-F0B-B0AA-T2A	WZM-E1	WZT-A12
	25mm 3.5m ³ /hr	UH40A43CAU06-F0E-B0AA-T2A	WZM-E54	WZT-A12
	25mm 6m ³ /hr	UH40A53CAU06-F0E-B0AA-T2A	WZM-E54	WZT-A12
Mbus 25 Bar	15mm 0.6m ³ /hr	UH40A06CAU06-F0B-B0AA-T2A	WZM-E34	WZT-A12
	15mm 1.5m ³ /hr	UH40A22CAU06-F0B-B0AA-T2A	WZM-E34	WZT-A12
	20mm 2.5m ³ /hr	UH40A37CAU06-F0B-B0AA-T2A	WZM-E1	WZT-A12
	25mm 3.5m ³ /hr	UH40A44CAU06-F0E-B0AA-T2A	WZM-E54	WZT-A12
	25mm 6m ³ /hr	UH40A54CAU06-F0E-P0DA-T2A	WZM-E54	WZT-A12

DESIGO FIT

Building automation that simply fits

As the requirement for energy optimisation grows, small and medium-sized buildings require simple HVAC solutions to monitor and control their operations. From field devices and hardware to cloud solutions and software, Desigo FIT, offers everything you need to improve building performance.

Flexible

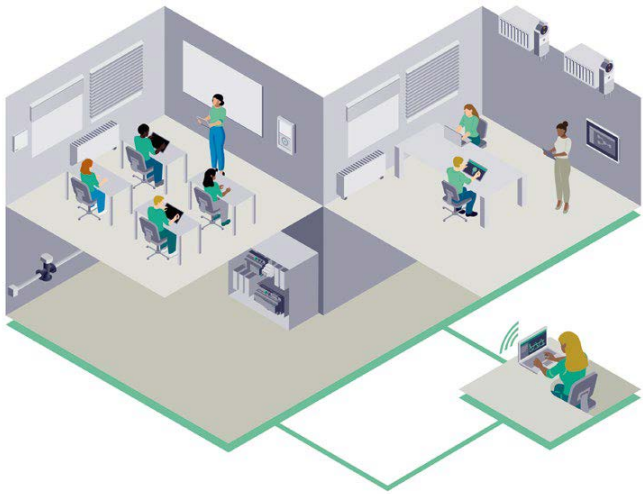
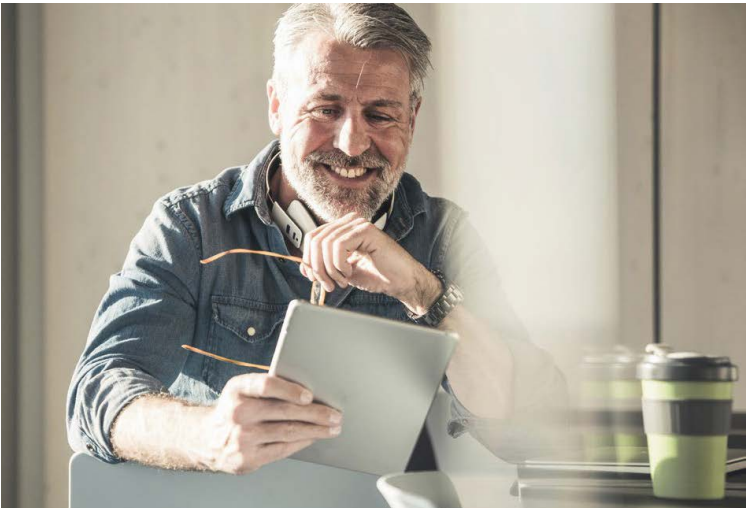
With scalable and open building management and automation devices, Desigo for high performing buildings guarantees smooth integration and interoperability with further technical infrastructure. This allows for the most flexible and tailored automation on room, building or campus level – even in highly complex environments.

Efficient

From pre-tested engineering libraries through adaptive control algorithms to comprehensive energy efficiency dashboards, the sophisticated automation solutions of Desigo for high performing buildings ensure top performance over the complete lifecycle of your building – while saving costs and efforts with a license-free end-to-end engineering framework.

Future-proof

Sustainable and secure: State-of-the art cybersecurity, supporting BACnet Secure Connect, is a given with Desigo for high performing buildings. So are regular software updates and upgrades that make sure your building automation remains top-of-class – especially when it comes to further improving energy efficiency and carbon emission levels.



Heating, ventilation and cooling

Desigo FIT applications open a wide range of options for building functions, making it the perfect choice for fast and easy building automation projects. They provide the right solution for convenient control of your heating, cooling and ventilation plant. All applications are pre-configured but the controllers are freely programmable and adaptable to your needs. Stay flexible at every stage of the project, with one solution for all your requirements that is highly customisable.



Heating

Desigo FIT applications cover seven different heating applications including heating circuits, pre-controller, domestic hot water and district heating in different variants.



Cooling

Desigo FIT applications offer the right choice of cooling solutions for chilled water circuits, chilled water storage tank and chiller with recooling in different variants.



Ventilation

Desigo FIT ventilation applications cover seventeen pre-engineered air handling applications with heat recovery, heating and/or cooling coil, mixing dampers and humidifier in different variants.

KNX SOLUTIONS

Transform a facility's lighting and environment with KNX solutions, based on the KNX standard approved by ANSI/ASHRAE 135. System flexibility provides precise illumination and comfort for occupant productivity. Distributed network architecture manages lighting, shade and environment controls, reducing costs and saving energy. KNX can be integrated with Siemens and other BMS direct or via BACnet.



HMI / Wall Switches

Ready, set, touch! Perfect conditions await with the innovative TC5 all-in-one room operation unit. An integrated temperature sensor and wide range of KNX room control applications provide users with the options they need to create optimum room conditions. In addition, we offer wall switches in the DELTA style that have one, two or four vertically arranged pairs of buttons.



Sensors

Ceiling-mount presence detectors with brightness and temperature sensor communicate motion, presence, and continuous dimming with light level reporting. They feature daylight harvesting with four zones of control plus three separate switching objects. Humidity and CO2 options are available.



Gateways and Controllers

The Siemens KNX line includes gateways, controllers, and infrastructure devices for a complete lighting, shade, and automation system. Power supply units provide the system power necessary for KNX and are offered in three different ratings.



Distributed Room Control

Siemens offers a family of junction box mount KNX devices to put power controls closer to the lights and shades, which enables localized room installation in either exposed or dropped ceilings for ease of access (i.e., distributed room control). These mounts are ideally suited for total room automation by connecting to the HVAC controller in each room to eliminate a separate lighting control network.



Actuating Devices

Siemens offers a wide range of UL and ULc listed actuating devices including relays, dimmers, and 0-10 VDC dimming. Each output can be assigned various tasks, i.e., delayed, normal open, normal closed, etc., depending on the application setup.



DALI

Digital Addressable Lighting Interface (DALI) is a bidirectional communications interface to the IEC 62386 standard. The KNX/DALI Gateways have one or two independent DALI loops. Up to 64 DALI fluorescent ballasts, LED drivers and other DALI devices can operate on each loop. Each device on the loop is addressed for individual and group control. Preset scenes are also available.



Lighting Control Cabinets

Siemens lighting control enclosures support KNX Lighting system components and other panel-mounted devices that snap into DIN rails. Three sizes are available to match installation requirements.



OUR LOCATIONS

National footprint with strategic local stockholdings.

APS Industrial is headquartered in Melbourne and in addition has a national network of offices in Adelaide, Perth, Sydney, Brisbane and Tasmania supported by strategic local stockholdings and expert technical and application knowledge.

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