

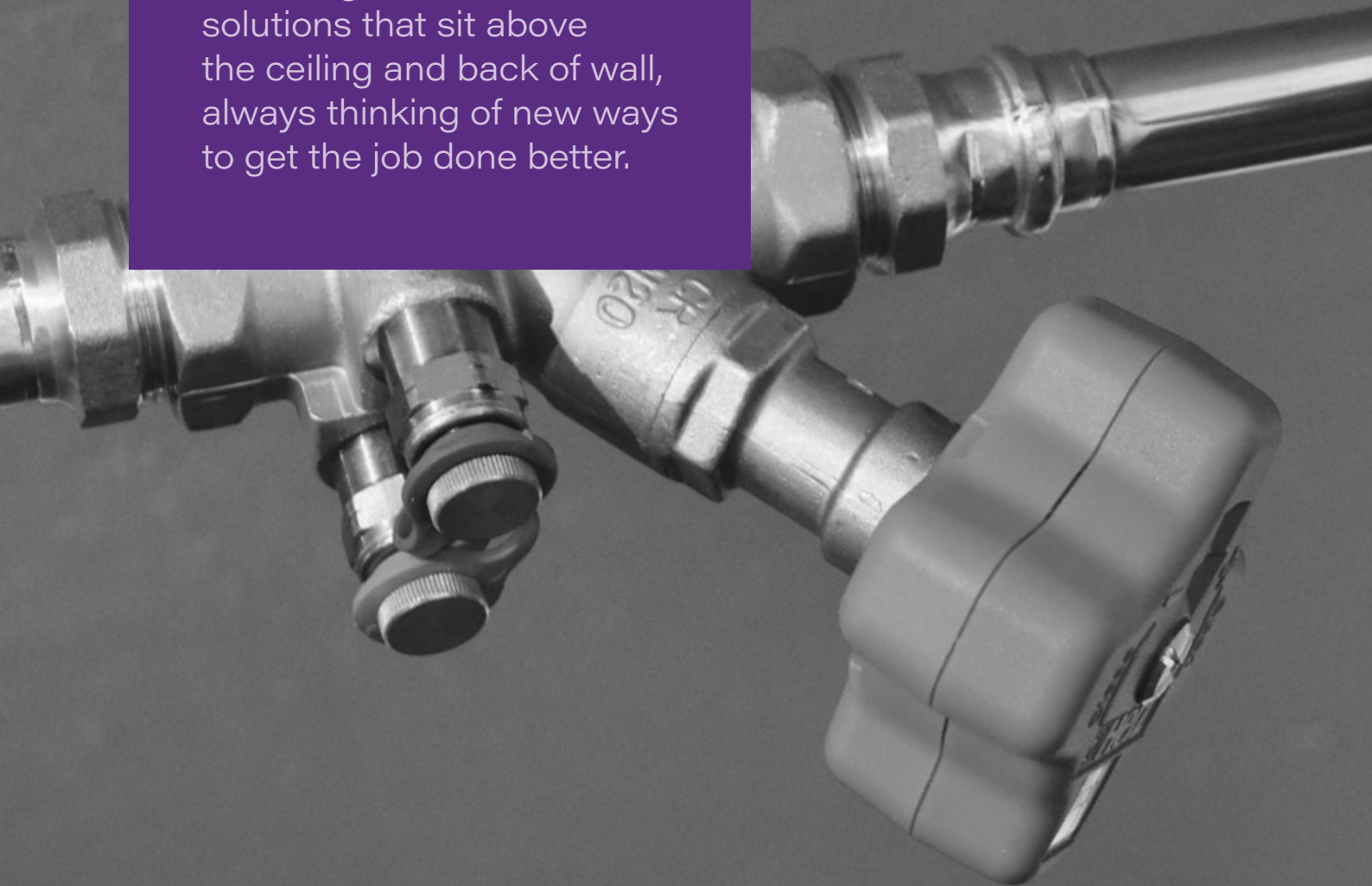
HERZ

MINI GUIDE





We are Drillcut.
Plumbing and HVAC
solutions that sit above
the ceiling and back of wall,
always thinking of new ways
to get the job done better.



BALANCING VALVES	3
CONTROL VALVES	4
ACTUATORS	7
METERING & TESTING	9

BALANCING VALVES

HERZ FIXED ORIFICE BALANCING VALVE



QUICK	PART NO	SIZE (mm)	VALVE Kvs	ORIFICE Kvs	QTY
C4585	43BV4017-015LF	15 Low Flow	0.46	0.48	1
C4586	43BV4017-015MF	15 High Flow	0.88	0.97	1
C4587	43BV4017-015	15	2	1.95	1
C4588	43BV4017-020	20	3.6	3.95	1
C4589	43BV4017-025	25	6.5	7.9	1
C4590	43BV4017-032	32	13.3	15.75	1
C4591	43BV4017-040	40	18.5	21.5	1
C4592	43BV4017-050	50	33	46.7	1

HERZ FIXED ORIFICE BALANCING VALVE INSULATION



QUICK	PART NO	SIZE (mm)	QTY
C4593	43BVHOFIC015	15	1
C4594	43BVHOFIC020	20	1
C4595	43BVHOFIC025	25	1
C4596	43BVHOFIC032	32	1
C4597	43BVHOFIC040	40	1
C4598	43BVHOFIC050	50	1

HERZ VARIABLE ORIFICE BALANCING VALVE



QUICK	PART NO	SIZE (mm)	VALVE Kvs	QTY
C4599	43BV4217-015LF	15 Low Flow	0.93	1
C4600	43BV4217-015MF	15 High Flow	3.49	1
C4601	43BV4217-015	15	6.05	1
C4602	43BV4217-020	20	6.11	1
C4603	43BV4217-025	25	9.22	1
C4604	43BV4217-032	32	18.83	1
C4605	43BV4217-040	40	23.29	1
C4606	43BV4217-050	50	35.26	1

HERZ FLANGED BALANCING VALVE



QUICK	PART NO	SIZE (mm)	VALVE Kvs	QTY
C4607	43BV4218-065F	65	60.3	1
C4608	43BV4218-080F	80	67.8	1
C4609	43BV4218-100F	100	99.55	1
C4610	43BV4218-125F	125	186.58	1
C4611	43BV4218-150F	150	279.05	1
C4612	43BV4218-200F	200	704	1
C4613	43BV4218-250F	250	812	1
C4614	43BV4218-300F	300	1383	1



Innovative direct connection for fan coils

HERZCON IS A SIMPLE AND RELIABLE DIRECT CONNECTION FOR FAN COIL UNITS



The drain valve fitted to the strainer allows flushing without the need to remove the strainer basket.



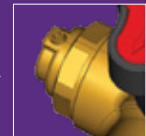
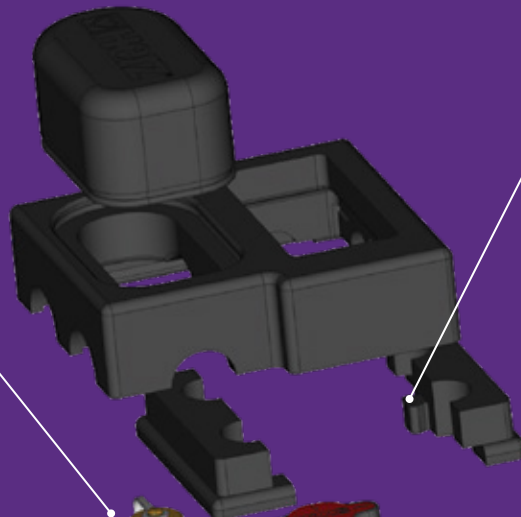
Isolation box
Fire behavior for insulation box

Method	Class
DIN EN ISO 11925-2 ¹	E
DIN 4102-1	E
FMVSS 302	Fulfilled
UL 94	HBF

¹ Edge exposure, classification according to EN 13501-1



High Energy Efficiency.
Perfect control.
Very easy and fast commissioning.
One valve replaces three (DPCV, Balancing, Control) Optimization of pump head No required calculation and verification of the valve authority. Lower operational or maintenance costs due to less complaints/longer life-span of actuator.



Manual Air Vent



HERZ-Multifunction Ball Valve Block with red and blue "T" Handle Three-Port-Ball Valves. T port of ball with full bore allows the draining or filling of full systems or part of the systems.

Benefits

- DN15 & 20 version designed with 65 mm centres
- Allows regulating, flushing and isolating operations to be undertaken
- Flushing bypass included as recommended by BSRIA BG29/2011
- Fully assembled and tested at the factory
- All components constructed from DZR Brass
- 5 year HERZ warranty
- Known envelope dimensions
- Reduction in on-site labour, time and cost
- Fast connection (only four connections are required)
- Reduces need for pre-fabrication area
- Reduced possibility of incorrect installation
- No differentiation between heating and chilled systems
- Vapour impermeable Insulation box included

CONTROL VALVES

HERZCON CONNECT-4 FCU PICV ASSEMBLY



QUICK	PART NO	SIZE (mm)	FLOW l/h	VALVE Kvs	QTY
C4662	43PICHC4600-015LF	15 Low Flow	20-120	0.2	1
C4663	43PICHC4600-015MF	15 Med Flow	40-190	354	1
C4664	43PICHC4600-015	15	80-400	0.55	1
C4665	43PICHC4600-020	20	200-820	1.26	1
C4666	43PICHC4600-020HF	20 High Flow	350-1750	3.2	1
C4667	43PICHC4600-025	25	100-1900	2.75	1
C4668	43PICHC4600-032	32	200-2500	4.57	1

HERZ PRESSURE INDEPENDENT CONTROL VALVE



QUICK	PART NO	SIZE (mm)	FLOW l/h	QTY
C4635	43PICV4206-015LF	15 Low Flow	20-100	1
C4713	43PICV4206-015MF	15 Med Flow	40-200	1
C4636	43PICV4206-015	15	80-400	1
C4637	43PICV4206-020	20	200-800	1
C4638	43PICV4206-020HF	20 High Flow	350-1750	1
C4639	43PICV4206-025	25	100-1900	1
C4640	43PICV4206-032	32	200-2500	1
C4641	43PICV4206-040	40	400-4000	1
C4642	43PICV4206-050	50	500-5000	1

HERZ PRESSURE DIFFERENTIAL CONTROLLER



QUICK	PART NO	SIZE (mm)	DP SETTING RANGE	FLOW l/h	VALVE Kvs	QTY
C4615	43DPC4002-015	15	5 - 30	50-1300	2.66	1
C4616	43DPC4002-020	20	5 - 30	100-1600	4.36	1
C4617	43DPC4002-025	25	5 - 30	150-2000	5.38	1
C4618	43DPC4002-032	32	5 - 30	200-5000	9.48	1
C4619	43DPC4002-040	40	5 - 30	400-8000	14.95	1
C4620	43DPC4002-050	50	5 - 30	400-9000	14.95	1

PRESSURE DIFFERENTIAL CONTROLLER CAPILLARY



QUICK	PART NO	LENGTH (mm)	DP SETTING RANGE	VALVE Kvs	QTY
C4626	43DPCCAP10	1000	20-80	50	1
C4627	43DPCCAP15	1500	20-80	84	1
C4711	43DPCCAP20	2000	20-80	96	1

HERZ DIFFERENTIAL PRESSURE CONTROLLER CAPILLARY BALL VALVE



QUICK	PART NO	SIZE (mm)	QTY
C4712	43DPCCBV04	3	1

HERZ FLANGED PRESSURE INDEPENDENT CONTROL VALVE



QUICK	PART NO	SIZE (mm)	FLOW m3/hr	QTY
C4646	43PICV4006-050F	50	3.75-15	1
C4647	43PICV4006-065F	65	5-20	1
C4648	43PICV4006-080F	80	9-36	1
C4649	43PICV4006-100F	100	10.75-43	1
C4650	43PICV4006-125F	125	25-100	1
C4651	43PICV4006-125FHF	125 High Flow	37.5-150	1
C4652	43PICV4006-150F	150	36.25-145	1
C4653	43PICV4006-150FHF	150 High Flow	50-200	1
C4654	43PICV4006-200F	200	52.5-210	1
C4655	43PICV4006-200FHF	200 High Flow	75-300	1
C4656	43PICV4006-2000FUHF	200 Ultra High Flow	87.5-350	1
C4658	43PICV4006-250FHF	250 High Flow	102.5-410	1

HERZ PRESSURE DIFFERENTIAL CONTROLLER



QUICK	PART NO	SIZE (mm)	DP SETTING RANGE	VALVE Kvs	QTY
C4621	43DPC4007-065F	65	20-80	50	1
C4622	43DPC4007-080F	80	20-80	84	1
C4623	43DPC4007-100F	100	20-80	96	1
C4624	43DPC4007-125F	125	20-80	190	1
C4625	43DPC4007-150F	150	20-80	270	1

HERZ TWO PORT CONTROL VALVE



QUICK	PART NO	SIZE (mm)	QTY
C4628	43CV7723-015	15	1
C4629	43CV7723-020	20	1
C4630	43CV7723-025	25	1
C4631	43CV2117-032	32	1
C4632	43CV2117-040	40	1
C4633	43CV2117-050	50	1

HERZ THREE WAY MIXING VALVE



QUICK	PART NO	SIZE (mm)	VALVE Kvs	QTY
C4690	43TWW7762-015	15	4	1
C4691	43TWW7762-020	20	5	1
C4692	43TWW4037-025	25	10	1
C4693	43TWW4037-032	32	16	1
C4694	43TWW4037-040	40	25	1
C4695	43TWW4037-050	50	40	1

ACTUATORS

HERZ ON/OFF TYPE THERMOELECTRIC ACTUATOR 240V



QUICK	PART NO	TO SUIT	QTY
C4644	43ACT770853	7721 3 WAY VALVES, 4206 PICV 15-50mm	1

HERZ MODULATING TYPE THERMOELECTRIC ACTUATOR 24V



QUICK	PART NO	TO SUIT	QTY
C4645	43ACT799031	7721 3 WAY VALVES, 4206 PICV 15-50mm	1

HERZ MODULATING TYPE EQUAL PERCENTAGE ACTUATOR 24V



QUICK	PART NO	TO SUIT	QTY
C4643	43ACT771208	4206 PICV 15-50mm	1

HERZ DN80-DN100 PICV ACTUATOR 24V



QUICK	PART NO	TO SUIT	QTY
C4660	43ACT771231	F4006 PICV 80-100mm	1

HERZ DN125-DN250 PICV ACTUATOR 24V



QUICK	PART NO	TO SUIT	QTY
C4661	43ACT771221	F4006 PICV 125-250MM	1

HERZ DN50-DN65 PICV ACTUATOR 24V



QUICK	PART NO	TO SUIT	QTY
C4659	43ACT771229	F4006 PICV 50-65mm	1

HERZ THREE WAY VALVE CONTINUOUS OUTPUT ACTUATOR 24V



QUICK	PART NO	TO SUIT	QTY
C4696	43ACT771211	4037 3 WAY VALVES	1

HERZ THREE WAY VALVE SWITCHING OUTPUT ACTUATOR 240V



QUICK	PART NO	TO SUIT	QTY
C4697	43ACT771250	4037 3 WAY VALVES	1

HERZ THREE WAY VALVE SWITCHING OUTPUT ACTUATOR 24V



QUICK	PART NO	TO SUIT	QTY
C4698	43ACT771251	4037 3 WAY VALVES	1

HERZ ROTARY DRIVE ACTUATOR 240V



QUICK	PART NO	TO SUIT	QTY
C4634	43ACT771235	2117 2 PORT CONTROL VALVES	1

METERING & TESTING

HERZ BRASS METERING STATION



QUICK	PART NO	SIZE (mm)	ORIFICE Kvs	QTY
C4669	43MSB4000-015LF	15 Low Flow	0.55	1
C4670	43MSB4000-015MF	15 Med Flow	1.1	1
C4671	43MSB4000-015	15	2.2	1
C4672	43MSB4000-020	20	4.25	1
C4673	43MSB4000-025	25	8.6	1
C4674	43MSB4000-032	32	15.9	1
C4675	43MSB4000-040	40	23.7	1
C4676	43MSB4000-050	50	48	1

WATER TEST POINT



QUICK	PART NO	COLOUR	SIZE (mm)	QTY
C4703	43TP0284-03B	BLUE	4	1
C4704	43TP0284-03R	RED	4	1
C4701	43TP0284-06B	BLUE	6	1
C4702	43TP0284-06R	RED	6	1

HERZ FLOW MEASURING ORIFICE PLATE



QUICK	PART NO	SIZE (mm)	ORIFICE Kvs	QTY
C4677	43MSOP4000-065	65	100.7	1
C4678	43MSOP4000-080	80	133.8	1
C4679	43MSOP4000-100	100	237.7	1
C4680	43MSOP4000-125	125	339	1
C4681	43MSOP4000-150	150	511	1
C4682	43MSOP4000-200	200	858	1
C4683	43MSOP4000-250	250	1235	1
C4684	43MSOP4000-300	300	1793	1
C4685	43MSOP4000-350	350	1995	1
C4686	43MSOP4000-400	400	2334	1
C4687	43MSOP4000-450	450	2981	1
C4688	43MSOP4000-500	500	3700	1
C4689	43MSOP4000-600	600	4491	1

HERZ REGULATING & CONTROL VALVE ADJUSTING KEY



QUICK	PART NO	QTY
C4700	43RCVAK	1

HERZ BALANCING VALVE PRESET MARKER 20/PK



QUICK	PART NO	QTY
C5016	43HBVPM	1

WATER EXTENDED TEST POINT



QUICK	PART NO	COLOUR	SIZE (mm)	QTY
C4705	43TP0284-06BEX	RED	6	1
C4706	43TP0284-06REX	BLUE	6	1

HERZ MEASURING COMPUTER FILTER & SEAL SET



QUICK	PART NO	WARRANTY	QTY
C4707	39HC650	5 Year	1

HERZ THREE WAY MIXING VALVE HANDWHEEL



QUICK	PART NO	QTY
C4699	43TWWVHW	1



Melbourne

15 Corporate Place
Broadmeadows
VIC 3047

 Sales and Support
03 8301 9999


Sydney

Unit 14, Cumberland Green
Estate 2-8 South Street
Rydalmere, NSW 2116

 Sales and Support
02 9737 0099


Launceston

3/34 Innocent Street
Kings Meadows
TAS 7249

 Sales and Support
03 6343 6484

Hobart

273d Kennedy Drive
Cambridge
TAS 7170

 Sales and Support
03 6272 1190

 sales@drillcut.com.au

 1800 374 552

 drillcut.au

