



VALTEC PRODUCTS CATALOG



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- SILENT CHECK VALVE
- AUTOMATIC AIR VENT VALVE
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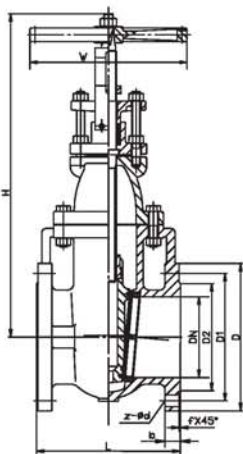


NON-RISING STEM GATE VALVE WITH INDICATOR

BS5150 PN16 DN50~300



NV-30135



- Flange dimensions: BS4504 PN16
- Maximum working pressure: 16 bar
- Operating temperature: -10°C to 120°C
- Test pressure (Hydraulic): 24 bar

MATERIAL SPECIFICATION

Part Name	Material	Specification (BS)
1. Body	Cast Iron	1452 Grade 220
2. Seat Ring	Cast Bronze	1400 LG2
3. Wedge Ring	Cast Bronze	1400 LG2
4. Wedge	Cast Iron	1452 Grade 220
5. Stem Nut	Cast Bronze	1400 LG2
6. Gasket	Nonasbestos	Graphite
7. Bolts	Carbon Steel	--
8. Nuts	Carbon Steel	--
9. Stem	Stainless Steel	970 Part 4 Grade 431S29
10. Bonnet	Cast Iron	1452 Grade 220
11. Gasket	Nonasbestos	Graphite
12. Stuffing Box	Cast Iron	1452 Grade 220
13. Packing	Nonasbestos	Graphite
14. Gland Flange	Ductile Iron	--
15. Bolt	Carbon Steel	--
16. Nuts	Carbon Steel	--
17. Hand wheel	Cast Iron	1452 Grade 220
18. Nut	Carbon Steel	--
19. Nameplate	Aluminum	--

Note: Materials conform to BS or ASTM equivalent

DIMENSIONS - WEIGHTS

SIZE INC.	DIMENSIONS									WEIGHT KG.
	L MM.	D MM.	D1 MM.	D2 MM.	b M	z-d MM.	f MM.	H MM.	W MM.	
2	178	165	125	99	20	4-19	3	350	180	18
2.5	190	185	145	118	20	4-19	3	369	180	25
3	203	200	160	132	22	8-19	3	409	200	31
4	229	220	180	156	24	8-19	3	458	200	47
5	254	250	210	184	26	8-19	3	516	240	64
6	267	285	240	211	26	8-23	3	570	240	79
8	292	340	295	266	30	12-23	3	753	320	141
10	330	405	355	319	32	12-28	3	807	320	202
12	356	460	410	370	32	12-28	4	940	400	291

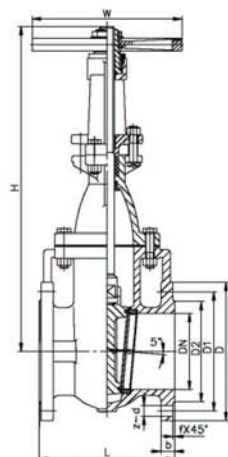


RISING STEM, OS&Y GATE VALVE

BS5150 PN16 DN50~300



OV-40135



- Flange dimensions: BS4504 PN16
- Maximum working pressure: 16 bar
- Operating temperature: -10°C to 120°C
- Test pressure (Hydraulic): 24 bar

MATERIAL SPECIFICATION

Part Name	Material	Specification (BS)
1. Body	Cast Iron	1452 Grade 220
2. Body Seat Ring	Gunmetal	1400 LG2
3. Wedge	Cast Iron	1452 Grade 220
4. Wedge Ring	Gunmetal	1400 LG2
5. Stem	Stainless Steel	970 Part 4 grade 302S25
6. Hexagon Nut/Bolt	18-8 Stainless Steel	- -
7. Gasket	Rubber	- -
8. Bonnet	Cast Iron	1452 Grade 220
9. Gland Packing	Asbestos Free	- -
10. Gland	Cast Iron	1452 Grade 220
11. Stem Nut	18-8 Stainless Steel	- -
12. Hand wheel	Cast Iron	1452 Grade 220
13. Lock Nut	Steel	- -

Note: Materials conform to BS

DIMENSIONS - WEIGHTS

SIZE INC.	DIMENSIONS									WEIGHT KG.
	L MM.	D MM.	D1 MM.	D2 MM.	b MM.	z-d MM.	f MM.	H MM.	W MM.	
2	178	165	125	99	20	4-19	3	330	180	20
2.5	190	185	145	118	20	4-19	3	342	180	26
3	203	200	160	132	22	8-19	3	391	200	32
4	229	220	180	156	24	8-19	3	487	200	50
5	254	250	210	184	26	8-19	3	517	240	70
6	267	285	240	211	26	8-23	3	652	240	86
8	292	340	295	266	30	12-23	3	796	320	137
10	330	405	355	319	32	12-28	3	962	320	218
12	356	460	410	370	32	12-28	4	1038	400	307

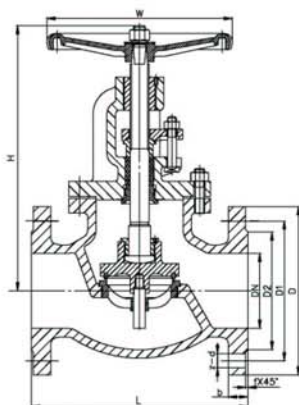


GLOBE VALVE

BS5152 PN16 DN50~300



GV-50135



- Flange dimensions: BS4504 PN16
- Maximum working pressure: 16 bar
- Operating temperature: -10°C to 120°C
- Test pressure (Hydraulic): 24 bar

MATERIAL SPECIFICATION

Part Name	Material & Specification
1. Body	CI BS 1452 G220
2. Seat Ring	Cast Bronze B62 1400 LG2
3. Disc Face Ring	Cast Bronze B62 1400 LG2
4. Disc	CI BS 1452 G220
5. Guide spindle	Copper alloy BS 1400 LG2
6. Washer	Copper alloy BS 1400 LG2
7. Lock Nut	Copper alloy BS 1400 LG2
8. Stem	Copper alloy BS 1400 LG2
9. Backseat Bushing	CCI BS 1452 G220
10. Bonnet Stud	Carbon Steel
11. Bonnet Nut	Carbon Steel
12. Packing	Non Asbestos
13. Gland	CI BS 1452 G220
14. Gland Stud	Carbon Steel
15. Gland Nut	Carbon Steel
16. Bonnet	CI BS 1452 G220
17. Set Screw	Carbon Steel
18. Hand Wheel	CI BS 1452 G220
19. Hand Wheel Nut	Carbon Steel

Note: Materials conform to ASTM. The BS is nearest equivalent only.

DIMENSIONS - WEIGHTS

SIZE INC.	DIMENSIONS									WEIGHT KG.
	L MM.	D MM.	D1 MM.	D2 MM.	b MM.	z-d MM.	f MM.	H MM.	W MM.	
2	203	165	125	99	20	4-19	3	297	200	16
2.5	216	185	145	118	20	4-19	3	310	200	22
3	241	200	160	132	22	8-19	3	333	200	30
4	292	220	180	156	24	8-19	3	353	250	50
5	330	250	210	184	26	8-19	3	388	300	68
6	356	285	240	211	26	8-23	3	427	300	90
8	495	340	295	266	30	12-23	3	476	360	189
10	622	405	355	319	32	12-28	3	539	450	302
12	698	460	410	370	32	12-28	4	611	500	429



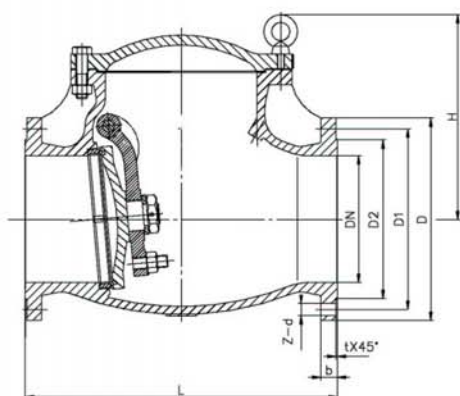
SWING CHECK VALVE

BS5153 PN16 DN50~300



CV-60400

- Flange dimensions: BS4504 PN16
- Maximum working pressure: 16 bar
- Operating temperature: -10°C to 120°C
- Test pressure (Hydraulic): 24 bar



MATERIAL SPECIFICATION

Part Name	Material
1. Body	Cast Iron
2. Seat Ring	Cast Bronze
3. Disc Seal Ring	Cast Bronze
4. Disc	Cast Iron
5. Bolt	Carbon Steel
6. Nut	Carbon Steel
7. Stainless Steel Wire	1Cr18Ni9
8. Bonnet Gasket	Graphite + Steel Plate
9. Bonnet	Cast Iron

Note: Materials conform to BS or ASTM equivalent.

DIMENSIONS - WEIGHTS

SIZE INC.	DIMENSIONS								WEIGHT KG.
	L	D	D1	D2	b	z-d	f	H	
	MM.	MM.	MM.	MM.	MM.	MM.	MM.	MM.	
2	203	165	125	99	20	4-19	3	153	18
2.5	216	185	145	118	20	4-19	3	162	21
3	241	200	160	132	22	8-19	3	176	28
4	292	220	180	156	24	8-19	3	220	40
5	330	250	210	184	26	8-19	3	226	51
6	356	285	240	211	26	8-23	3	307	68
8	495	340	295	266	30	12-23	3	325	128
10	622	405	355	319	32	12-28	3	384	199
12	698	460	410	370	32	12-28	4	426	308



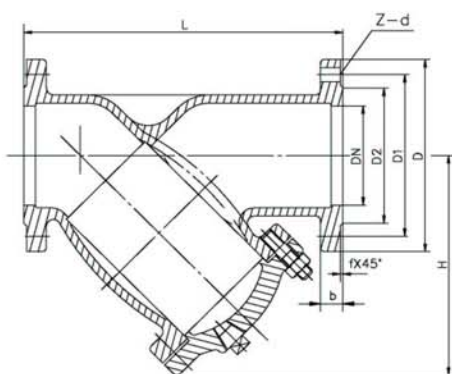
Y-STRAINER

BS5153 PN16 DN50~300



YS-70300

- Flange dimensions: BS4504 PN16
- Maximum working pressure: 16 bar
- Operating temperature: -10°C to 120°C
- Test pressure (Hydraulic): 24 bar



MATERIAL SPECIFICATION

Part Name	Material
1. Strainer Body	Cast Iron
2. Screen	Stainless Steel
3. Strainer Cover	Cast Iron
4. Bonnet Gasket	Graphite + Steel Plate
5. Plug	Malleable Cast Iron
6. Bolt	Steel
7. Nut	Steel

DIMENSIONS - WEIGHTS

SIZE INC.	DIMENSIONS								WEIGHT KG.
	L MM.	D MM.	D1 MM.	D2 MM.	b MM.	z-d MM.	f MM.	H MM.	
2	220	165	125	99	20	4-19	3	182	13
2.5	270	185	145	118	20	4-19	3	188	17
3	290	200	160	132	22	8-19	3	195	20
4	350	220	180	156	24	8-19	3	246	33
5	390	250	210	184	26	8-19	3	302	51
6	440	285	240	211	26	8-23	3	320.7	67
8	540	340	295	266	30	12-23	3	397.5	103
10	660	405	355	319	32	12-28	3	483	184
12	720	460	410	370	32	12-28	4	560	286



SILENT CHECK VALVE

WAFER TYPE ANSI CLASS 125

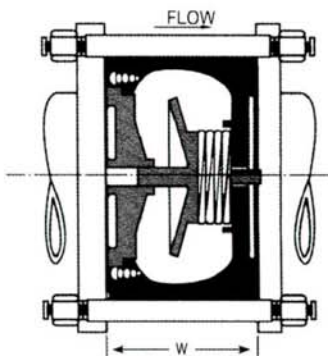
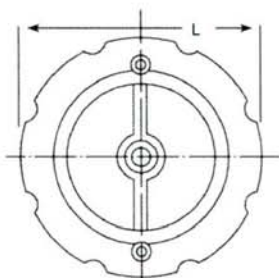
MATERIAL SPECIFICATION

Part Name	Material / ASTM NO.
1. Body	Cast Iron, A126 Class B
2. Disc	Bronze ASTM B584
	Option : (Stainless Steel, A351 CF8M)
3. Seat Ring	Stainless Steel, A351 CF8M
4. Bushing	Bronze, B62 C83600
5. Spring	Stainless Steel, AISI 304



SL-10330

INSTALLATION POSITION : Valves can be installed in any position i.e. horizontal or vertical



PRESSURE AND TEMPERATURE

Nominal Pressure	:	200 psi
Hydraulic Shell Test Pressure	:	400 psi
Hydraulic Seat Test Pressure	:	250 psi
200 psi at	:	-10 to 120°C
200 psi at	:	14 to 250°F
Suitable Media	:	Water, Oil, Gas

DIMENSIONS - WEIGHTS

NOMINAL SIZE INC.	DIMENSIONS			*Cv	WEIGHT KG.
	L		W		
	PN16 MM.	ANSI 125 INC.	MM.		
2	108	4.1/4	67	50	2.3
2.5	127	5	73	72	3.2
3	146	5.3/4	83	92	5.0
4	178	7	102	180	8.2
5	213	8.3/8	118	276	11.3
6	248	9.3/4	140	408	15.9
8	305	12	165	720	35.0
10	359	14.1/8	216	1080	56.0

*Cv: US gallons Per minute of water at 1 psi pressure drop.

Note:

- Suitable for fitting between flanges to BS 4504 PN 16 ANSI Class 125

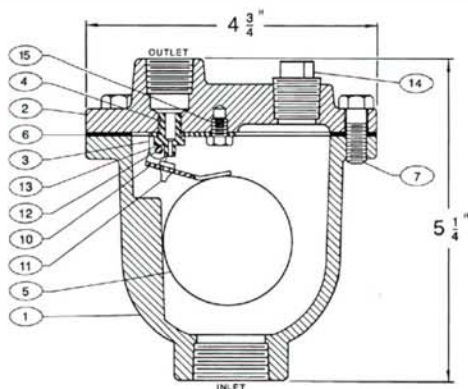


AUTOMATIC AIR VENT VALVE

200 PSI



AV-250



Working Pressure: 200 psi

Test Pressure: 400 psi.

MATERIAL SPECIFICATION

Part Name	Material / ASTM NO.	Part Name	Material / ASTM NO.
1. Body	Cast Iron -A126, Class B	10. Float Arm	Stainless Steel-T304, A240
2. Cover	Cast Iron -A126, Class B	11. Orifice Button	Viton
3. Lever Frame	Stainless Steel-T304, A240	12. Pivot Pin	Stainless Steel-T304, A276
4. Seat	Stainless Steel-T304, A276	13. Pin Retainer	Stainless Steel-PH 15-7 MO
5. Float	Stainless Steel-T304, A240	14. Pipe Plug 1/2"	Malleable Iron
6. Gasket	Non Asbestos	15. Locator	Stainless Steel-T18-8, A276
7. Cover Bolt	Carbon Steel-Sae Grade 5		

DIMENSIONS - WEIGHTS

VALVE SIZE	MODEL NO.	MODEL TEMP.	MAX. SIZE	INLET SIZE	OUTLET SIZE	ORIFICE KG.	WEIGHT
1/2"	1/2"	AV-250	250°F	1/2"	1/2"	1/16"	2.5
3/4"	3/4"	AV-250	250°F	3/4"	1/2"	1/16"	2.5
1"	1"	AV-250	250°F	1"	1/2"	1/16"	2.5

Note:

- Material conform to relevant ASTM standard, BS standard in an approximate equivalent.
- NPT inlet and outlet available, specify on order.

PRESSURE AND TEMPERATURE

Nominal Pressure	:	200 psi
Hydraulic Shell Test Pressure	:	400 psi
Hydraulic Seat Test Pressure	:	250 psi
200 psi at	:	-10 to 120°C
200 psi at	:	14 to 250°F

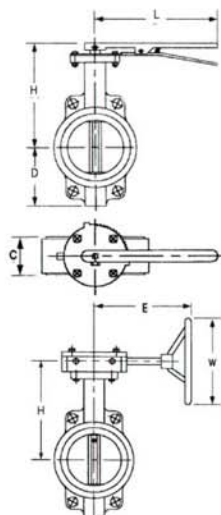


BUTTERFLY VALVE

WAFER TYPE PN16, 235 PSI
LEVER HANDLE & GEAR OPERATOR



BW-10231 BW-10331 BW-10431



Note:

1. Conforms to BS 5155, MSS SP-67.
2. Bolt circles are carefully designed to fit the following flange types:
BS 4504 PN16, specify flange types on order.
3. Top flange conforms to ISO 5211/1.
4. Valves 200mm and above are supplied As standard with gear operator.
5. Nitrile liner also available specify on order.
Nitrile liner restricted to a maximum Operating temperature of 90°C (194°F)

Lever Operate Gear Operate

Disc Material

BW-10231	Disc-Ductile Iron:Chrome Plated-BS 2789
BW-10331	Disc-Stainless Steel:BS 1507 S 316
BW-10431	Disc-Bronze:BS 1400 LG2

MATERIAL SPECIFICATION

Part Name	Material / BS / ASTM NO.
1. Body	Cast Iron, 1452 Gr 220, A126 Class B
2. Shaft	Stainless Steel, 970 416 S21, AISI 416
3. Bushings	Lubricated bronze, 1400 LG2, B62 C83600
4. Liner	EPDM
5. O-rings	EPDM

PRESSURE AND TEMPERATURE

Nominal Pressure	: 16 bar
Hydraulic Shell Test Pressure	: 24 bar
Hydraulic Seat Test Pressure	: 17.6 bar
16 bar at	: -10 to 120°C
235 psi at	: 14 to 250°F
Suitable Media	: Water, Oil, Gas

DIMENSIONS - WEIGHTS

NOMINAL SIZE INC.	DIMENSIONS						WEIGHT	
	H MM.	D MM.	C MM.	L MM.	E MM.	W MM.	LEVER KG.	GEARED KG.
2	191	80	42	262	134	150	4.4	7.9
2.5	203	91	45	262	134	150	5.2	8.7
3	211	95	45	262	134	150	5.7	9.2
4	230	112	50	262	134	150	7.4	10.9
5	245	134	54	262	134	150	10.2	13.7
6	255	138	56	262	134	150	11.1	14.6
8	271	170	58	326	240	305	15.5	26.5
10	326	198	68	415	240	305	26.5	36.8
12	366	234	77	415	257	305	35.0	48.0
14	413	267	80		257	305		60.0
16	451	309	90		350	305		92.0
18	473	328	109		350	305		118.8



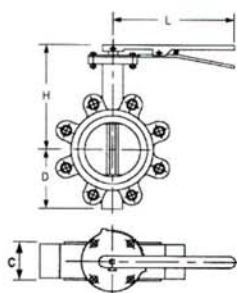
BUTTERFLY VALVE

LUG TYPE PN16, 235 PSI

LEVER HANDLE & GEAR OPERATOR



BL-20231 BL-20331 BL-20431



Note:

1. Conforms to BS 5155, MSS SP-67.
2. Bolt circles are carefully designed to fit the following flange types:
BS 4504 PN16, specify flange types on order.
3. Top flange conforms to ISO 5211/1.
4. Valves 200mm and above are supplied As standard with gear operator.
5. Nitrile liner also available specify on order. Nitrileliner restricted to a maximum Operating temperature of 90° (194°F)

Lever Operate Gear Operate

Disc Material

BL-20231	Disc-Ductile Iron:Chrome Plated-BS 2789
BL-20331	Disc-Stainless Steel:BS 1507 S 316
BL-20431	Disc-Bronze:BS 1400 LG2

MATERIAL SPECIFICATION

Part Name	Material / BS / ASTM NO.
1. Body	Cast Iron, 1452 Gr 220, A126 Class B
2. Shaft	Stainless Steel, 970 416 S21, AISI 416
3. Bushings	Lubricated bronze, 1400 LG2, B62 C83600
4. Liner	EPDM
5. O-rings	EPDM

PRESSURE AND TEMPERATURE

Nominal Pressure	:	16 bar
Hydraulic Shell Test Pressure	:	24 bar
Hydraulic Seat Test Pressure	:	17.6 bar
16 bar at	:	-10 to 120°C
235 psi at	:	14 to 250°F
Suitable Media	:	Water, Oil, Gas

DIMENSIONS - WEIGHTS

NOMINAL SIZE INC.	DIMENSIONS						WEIGHT	
	H MM.	D MM.	C MM.	L MM.	E MM.	W MM.	LEVER KG.	GEARED KG.
2	191	80	42	262	134	150	4.6	8.1
2.5	203	91	45	262	134	150	5.3	8.8
3	211	95	45	262	134	150	5.5	9.1
4	230	112	50	262	134	150	9.0	12.3
5	245	134	54	262	134	150	11.6	14.9
6	255	138	56	262	134	150	13.5	16.8
8	271	170	58	326	240	305	20.2	31.1
10	326	198	68	415	240	305	33.3	43.6
12	366	234	77	415	257	305	45.5	58.4
14	413	267	80		257	305		73.9
16	451	309	90		350	305		121.5
18	473	328	109		350	305		145.6



FLANGE DIMENSIONS

ISO AND B.S. DIMENSIONS FLANGES

PRESSURE RATING		PIPE SIZE		DIAMETER OF FLANGE		THICKNESS OF FLANGE BOLT		DIAMETER OF CIRCLE		BOLT HOLE DIAMETER		NUMBER OF BOLTS
BAR	PSI	MM.	INC.	MM.	INC.	MM.	INC.	MM.	INC.	MM.	INC.	
10/16	150/230	50	2	165	6.50	20	0.787	125	4.92	18	0.709	4
		65	2.5	185	7.28	20	0.787	145	5.71	18	0.709	4
		80	3	200	7.87	22	0.866	160	6.30	18	0.709	8
		100	4	220	8.66	24	0.945	180	7.09	18	0.709	8
		125	5	250	9.84	26	1.024	210	8.27	18	0.709	8
		150	6	285	11.22	26	1.024	240	9.45	22	0.866	8
10	150	200	8	340	13.39	26	1.024	295	11.61	22	0.866	8
		250	10	395	15.55	28	1.102	350	13.78	22	0.866	12
		300	12	445	17.52	28	1.102	400	15.75	22	0.866	12
16	230	200	8	340	13.39	26	1.024	295	11.61	22	0.866	12
		250	10	395	15.55	28	1.102	355	13.98	26	1.024	12
		300	12	445	17.52	28	1.102	410	16.14	26	1.024	12

CLASS 125 CAST IRON FLANGES - ANSI STANDARD B16.1

MATE WITH 150-LB. STEEL FLANGES ANSI STANDARD B16.5

SIZE	DIAMETER OF FLANGE	THICKNESS OF FLANGE	DIAMETER OF BOLT CIRCLE	BOLT HOLE DIAMETER	NUMBER OF BOLTS	DIAMETER OF BOLTS	LENGTH OF BOLTS
2	6	5/8	4.3/4	3/4	4	5/8	2.1/4
2.5	7	11/16	5.1/2	3/4	4	5/8	2.1/2
3	7.5	3/4	6	3/4	4	5/8	2.1/2
3.5	8.5	13/16	7	3/4	8	5/8	2.3/4
4	9	15/16	7.1/2	3/4	8	5/8	3
5	10	15/16	8.1/2	7/8	8	3/4	3
6	11	1	9.1/2	7/8	8	3/4	3.1/4
8	13.5	1.1/8	11.3/4	7/8	8	3/4	3.1/2
10	16	1.3/16	14.1/4	1	12	7/8	3.3/4
12	19	1.1/4	17	1	12	7/8	3.3/4



WARRANTY

We warrant all products to be free from defects in materials and workmanship under normal conditions of use and service. Our obligation under this warranty is limited to repairing or replacing at our option at our factory any product which shall within one year after delivery to original buyer be returned with transportation charges prepaid, and which our examination shall show to our satisfaction to have been defective.

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S SOLE AND EXCLUSIVE REMEDY SHALL BE FOR THE REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCTS AS PROVIDED HEREIN. THE BUYER AGREES THAT NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO HIM.

Valtec neither assumes nor authorizes any person to assume for it any other liability in connection with the sale of such products.

This warranty shall not apply to any product which has been subject to misuse, negligence or accident, which has been repaired or altered in any manner outside of Valtec's factory or which has been used in a manner contrary to Valtec's instructions or recommendations. Valtec shall not be responsible for design errors due to inaccurate or incomplete information supplied by Buyer or its representatives.

EFFECTIVE MAY, 2003



THE ISO 9001 : 2000 CERTIFIED

THE COMPANY AS THE DISTRIBUTION AND SERVICING OF FIRE PROTECTION SYSTEM



SGS (Thailand) Limited

Certificate Number

NQ634/02

This is to certify that the
Quality Management Systems of

Fire Victor Co., Ltd.

Thailand

have been assessed and registered as meeting the
Requirements of ISO 9001

The scope of registration is detailed on the Assessment
Schedule bearing this certificate number.

SGS (Thailand) Limited

Signed by

17 December 2002

This certificate remains valid subject to
satisfactory maintenance of the system



Registration Due : 2005
SGS (Thailand) Limited
International Certification Services
160 Kingdon Road, 15th Floor
Bangkok 10120

Value of the certificate is not intended to convey any
guarantee of the quality of the product or service
and is not a part of the contract. The certificate is
issued on the basis of the information provided by the
client and is not intended to be used as a basis for
any other purpose. The certificate is valid only for the
scope of registration as stated on the certificate.



Quality Management Systems
ISO 9001:2001

Member of the SGS Group (Bouquet Generate de Surveillance)



SGS (Thailand) Limited

ASSESSMENT SCHEDULE NQ634/02

Assessment Standard: ISO 9001:2000

Company: Fire Victor Co., Ltd.

Location: 1920-22 Block A, Royal City Ave.,
Bangkok 10320

Product Area Assessed: The distribution and servicing of refrigeration,
air conditioning, cooling & packaging and fire
protection system.

Authorized by:

Issue No: 1

17 December 2002

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Further clarifications regarding the scope of this certificate
and the applicability of ISO 9001:2000 requirements may
be obtained by consulting the organisation.



Quality Management Systems
ISO 9001:2001

SGS (Thailand) Limited is accredited by:

National Accreditation Council of Thailand (NAC)



DISTRIBUTOR

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