

# PRODUCT OVERVIEW



COMPRESSED AIR FILTERS

COMPRESSED AIR FILTER  
ELEMENTS



VACUUM FILTERS

WATER SEPERATORS



HIGH PRESSURE AIR  
FILTERS



FLANGED AIR FILTERS



COMPRESSED AIR DRYERS



CE CERTIFIED SAFETY  
VALVES



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# 1 Compressed Air Filters and Elements

## 1.1 Introduction

- > 1.200 – 10.000 l/min
- > ½” – 1 ½”



In accordance with ISO- 8573.1 : 2010, every compressed air system needs a particular class of air quality. Hipac manufactures 4 major series of compressed air filters with different norms and offers compressed air filtration solutions for the critical processes with various filter combinations.

### Hipac PF Series:

- General Purpose Filter - Pre-filtering
- Partical Filtration : Up to 3 microns diameter.

#### Applications and Uses:

- Located upstream of Refrigerated Dryers and Vacuum Pumps
- Efficient in dust proof filtering
- General purpose filtration



### Hipac MF Series:

- General Purpose Filter - Dryer Inlet Filter
- Partical Filtration : Up to 0,1 microns diameter.
- Oil Vapour Filtration: 0,1mg/m3 at 20°C referance temperature

#### Applications and Uses:

- Located upstream of Refrigerated Dryers and Dessicant Dryers
- Efficient in dust and oil vapour proof filtering
- Installed on the lines with pneumatic equipment and pumps connected.



### Hipac SF Series:

- Fine Filter - Dryer Outlet Filter
- Partical Filtration : Up to 0,01 microns diameter.
- Oil Vapour Filtration: 0,01mg/m3 at 20°C referance temperature

#### Applications and Uses:

- Located downstream of Refrigerated Dryers and Dessicant Dryers
- Very efficient in dust and oil vapour proof filtering
- Installed on lines where spray painting systems, pneumatic conveyors and pumps are connected. Used in food industry, medical and pharmaceutical industries, precision instruments, for breathing air.



### Hipac ACF Series:

- Active Carbon Filter
- Odor Filtering - Only used in combination with PF Series
- Oil Vapour Filtration: 0,003mg/m3 at 20°C referance temperature

#### Applications and Uses:

- Installed downstraem of PF series filters.
- Used in food industry, production and packaging lines
- Used in medical and pharmaceutical areas for breathing air production and equipment
- Used in high precision industrial equipment.



## 1.2 Technical Specifications

➤ 1.200 – 10.000 l/min

➤ ½" – 1 ½"

Model	Capacity <sup>1</sup>			Connection Size (")	Working Pres. (bar)		Working Temp. (C°)		Filter Element		
	lt/min	m <sup>3</sup> /h	cfm		max.	min.	max.	min.	Model	Change (h)	Change
HKF-70	1.200	72	42	½"	16	2	80	2	HFE-70	3.500	0,7
HKF-100	1.800	108	63	¾"	16	2	80	2	HFE-100	3.500	0,7
HKF-150	2.500	150	87	1"	16	2	80	2	HFE-150	3.500	0,7
HKF-200	3.700	222	130	1"	16	2	80	2	HFE-200	3.500	0,7
HKF-300	5.500	330	193	1"	16	2	80	2	HFE-300	3.500	0,7
HKF-400	6.500	390	228	1 ½"	16	2	80	2	HFE-400	3.500	0,7
HKF-600	10.000	600	350	1 ½"	16	2	80	2	HFE-600	3.500	0,7

Correction Factor	0,38	0,50	0,75	1	1,13	1,25	1,50	1,75	2,00
Bar	2	3	5	7	8	9	11	13	15
Psi	29	44	73	100	116	131	160	189	218

Filter Series	Partical Filtration	Oil Vapor Filtration	Nom. Press. Loss (Clean&Dry)
PF	3 micron	-	0.04 bar
MF	0.1 micron	0.1 mg/m <sup>3</sup>	0.05 bar
SF	0.01 micron	0.01 mg/m <sup>3</sup>	0.08 bar
ACF	-	0.003 mg/m <sup>3</sup>	0.1 bar

Model	Capacity <sup>1</sup>			Connection Size (")	Dimensions (mm)	
	lt/min	m <sup>3</sup> /h	cfm		Q	H
HKF-70	1.200	72	42	½"	105	250
HKF-100	1.800	108	63	¾"	105	250
HKF-150	2.500	150	87	1"	130	355
HKF-200	3.700	222	130	1"	130	355
HKF-300	5.500	330	193	1"	130	355
HKF-400	6.500	390	228	1 ½"	130	355
HKF-600	10.000	600	350	1 ½"	130	355



<sup>1</sup> Capacity is according to ISO 1217 standarts at 20 C temperature and 1 bar atmospheric pressure. Other ambient conditions result in different performance data.

- Aluminum alloy injection casting ensures high quality corrosive resistant precision body.
- Electrostatic body painting enables maximum corrosion protection against all weather conditions.
- All products available with brass manual drain as standart. Float drain and timed drain are optional and installed upon request.
- Simple ball-type indicator and differential-type indicator are optional and installed upon request.

## 2 High Pressure Filters

### 2.1 Introduction

- 1.600 – 50.000 l/min
- ¼” – 2 ½”



Hipac HPF Series 50 bar high pressure air filters are manufactured from anticorrosive and high endurance aluminum alloy, with metal working methods and without using welding.

All filter elements are silicone free. Stainless steel is used in element bodies to ensure compliance with the most sensitive processes.

All HPF series filter bodies are anodized to ensure maximum housing corrosion resistance and prolonged life cycle. All models come with standard brass manual drain.

#### Hipac HP-PF Series :

- General Purpose Filter - Pre-filtering
- Partical Filtration : Up to 3 microns diameter.
- Efficient in particulate filtering
- General purpose filtration

#### Hipac HP-MF Series:

- General Purpose Filter - Inlet Filter
- Partical Filtration : Up to 0,1 microns diameter.
- Oil Vapour Filtration: 0,1mg/m<sup>3</sup> at 20°C reference temperature
- Efficient in particulate and oil vapour proof filtering

#### Hipac HP-SF Series:

- Fine Filter - Outlet Filter
- Partical Filtration : Up to 0,01 microns diameter.
- Oil Vapour Filtration: 0,01mg/m<sup>3</sup> at 20°C reference temperature
- Very efficient in dust and oil vapour proof filtering



#### Hipac HP-ACF Series:

- Active Carbon Filter
- Odor Filtering - Only used in combination with and after SF Series
- Oil Vapour Filtration: 0,003mg/m<sup>3</sup> at 20°C reference temperature
- Should not be used in saturated oil vapor environment
- Max operation temperature is 30°C, max element change period is 1.000 hrs
- Can not remove certain gases including carbon monoxide and carbon dioxide

## 2.2 Technical Specifications

➤ 1.600 – 50.000 l/min

➤ ¼” – 2 ½”

Model	Capacity <sup>1</sup>			Connection Size (“)	Working Pres. (bar)		Working Temp. (C°)		Filter Element		
	lt/min	m <sup>3</sup> /h	cfm		max.	min.	max.	min.	Model	Change (h)	Change
HPF100	1.667	100	58	¼”	50	2	80	2	HPFE100	3.500	0,7
HPF200	3.667	220	129	½”	50	2	80	2	HPFE200	3.500	0,7
HPF450	7.500	450	264	¾”	50	2	80	2	HPFE450	3.500	0,7
HPF600	10.000	600	353	1”	50	2	80	2	HPFE600	3.500	0,7
HPF900	15.000	900	529	1”	50	2	80	2	HPFE900	3.500	0,7
HPF1650	27.500	1.650	971	1 ½”	50	2	80	2	HPFE1650	3.500	0,7
HPF2550	42.500	2.550	1.500	2”	50	2	80	2	HPFE2550	3.500	0,7
HPF3000	50.000	3.000	1.765	2 ½”	50	2	80	2	HPFE3000	3.500	0,7

<sup>1</sup> Capacity is according to ISO 1217 standarts at 20 C temperature and 1 bar atmospheric pressure. Other ambient conditions result in different performance data.

Correction Factor	2,43	1,96	1,65	1,41	1,24	1,12	1,00
Operating Press. (Bar)	20	25	30	35	40	45	50
Operating Press. (Psi)	290	363	435	507	580	653	725

Filter Series	Partical Filtration	Oil Vapor Filtration	Nom. Press. Loss (Clean&Dry)	Max. Operating Temp.	Max. Element Change Time
PF	3 micron	-	0.04 bar	80 C°	3.500 h
MF	0.1 micron	0.1 mg/m <sup>3</sup>	0.08 bar	80 C°	3.500 h
SF	0.01 micron	0.01 mg/m <sup>3</sup>	0.1 bar	80 C°	3.500 h
ACF	-	0.003 mg/m <sup>3</sup>	0.1 bar	80 C°	3.500 h

Model	Capacity <sup>1</sup>			Connection Size (“)	Dimensions (mm)	
	lt/min	m <sup>3</sup> /h	cfm		D	H
HPF100	1.667	100	58	¼”	118	155
HPF200	3.667	220	129	½”	118	165
HPF450	7.500	450	264	¾”	118	210
HPF600	10.000	600	353	1”	139	330
HPF900	15.000	900	529	1”	139	330
HPF1650	27.500	1.650	971	1 ½”	139	380
HPF2550	42.500	2.550	1.500	2”	158	400
HPF3000	50.000	3.000	1.765	2 ½”	180	400



<sup>1</sup> Capacity is according to ISO 1217 standarts at 20 C temperature and 1 bar atmospheric pressure. Other ambient conditions result in different performance data.

## 3 Flanged Filters

### 3.1 Introduction

- **60.000 – 250.000 l/min**
- **DN100 – DN200**

- Filter bodies comply with CE ve ASME standards
- Reinforced welded design
- Clever design for easy element change
- Optimum maintenance time and cost with easy change and reduced number of elements
- Filter bodies are painted from inside&outside to ensure maximum corrosion resistance
- Optional accesories like differential pressure gauge (dirt indicator) external float drain and timed drain are available. Manuel drain is standard.
- 4 types of high quality filter elements ensure to match ISO-8573- 1 standards in various compressed air applications.
- Aluminum filter element caps are durable against heavy working conditions and initial pressure differance at start-ups.
- Very easy maintenance with tie rod system.Brass rods ensure maximum corrosion resistance.
- With enlarged filter element inlet throats no pressure loss due to nozzle effect
- All filter elements are always in stock



Model	Capacity <sup>1</sup>			Connection Size (")	Dimensions (mm)		
	lt/min	m <sup>3</sup> /h	cfm		A	B	H
<b>HFF3600</b>	60.000	3.600	2.118	DN100	490	170	1090
<b>HFF4800</b>	80.000	4.800	2.825	DN125	490	185	1260
<b>HFF6000</b>	100.000	6.000	3.531	DN150	490	205	1395
<b>HFF7500</b>	125.000	7.500	4.414	DN150	580	220	1260
<b>HFF9000</b>	150.000	9.000	5.297	DN150	580	220	1395
<b>HFF12000</b>	200.000	12.000	7.062	DN200	840	250	1405
<b>HFF15000</b>	250.000	15.000	8.828	DN200	840	280	1405

<sup>1</sup> Capacity is according to ISO 1217 standarts at 20 C temperature and 1 bar atmospheric pressure. Other ambient conditions result in different performance data.



## 3.2 Technical Specifications

- 60.000 – 250.000 l/min
- DN100 – DN200

Model	Capacity <sup>1</sup>			Connection Size (")	Working Pres. (bar)		Working Temp. (C°)		Filter Element		
	lt/min	m <sup>3</sup> /h	cfm		max.	min.	max.	min.	Model	Change (h)	Change
HFF3600	60.000	3600	2118	DN100	16	2	65	2	HFFE3600	3.500	0,7
HFF4800	80.000	4800	2825	DN125	16	2	65	2	HFFE4800	3.500	0,7
HFF6000	100.000	6000	3531	DN150	16	2	65	2	HFFE6000	3.500	0,7
HFF7500	125.000	7500	4414	DN150	16	2	65	2	HFFE7500	3.500	0,7
HFF9000	150.000	9000	5297	DN150	16	2	65	2	HFFE9000	3.500	0,7
HFF12000	200.000	12000	7062	DN200	16	2	65	2	HFFE12000	3.500	0,7
HFF15000	250.000	15000	8828	DN200	16	2	65	2	HFFE15000	3.500	0,7

1 Capacity is according to ISO 1217 standarts at 20 C temperature and 1 bar atmospheric pressure. Other ambient conditions result in different performance data.

Correction Factor	0,38	0,50	0,75	1	1,13	1,25	1,38	1,63	1,75	2,13
Bar	2	3	5	7	8	9	10	12	14	16
Psi	29	44	73	100	116	131	145	174	189	232

Element Type		PF Series	MF Series	SF Series	ACF Series
Partical Removal	Micron	3	0.1	0.01	-
Max. Oil Carry Over at 21 C°	mg/m <sup>3</sup>	-	0.1	0.01	0.003
Initial Pressure Loss / New Element	mbar	35	60	80	60
Pressure Loss for Element Change	mbar	700	700	700	700
Max. Working Temperature	C°	80	80	80	30
Min. Working Temperature	C°	2	2	2	2
Max. Working Pressure	bar	16	16	16	16
Min. Working Pressure	bar	2	2	2	2



## 4 Water Separators

### 4.1 Introduction

- > 3.600 – 50.000 l/min
- > 1” – 3”



Hipac HWS series water separators are specially designed for the removal of condensed liquid water and residue from compressed air and gases.

The centrifugal action removes contaminants at very minor pressure losses for maximum efficiency and energy savings.

Hipac water separators and condenstop series are available from 1”– 3” connection sizes and for flows from 220 m3/hr up to 3000 m3/hr.

Model	Capacity <sup>1</sup>			Connection Size (“)	Dimensions (mm)	
	lt/min	m <sup>3</sup> /h	cfm		Q	H
HWS200	3.667	220	129	1”	120	300
HWS300	5.000	300	176	1”	120	300
HWS400	6.667	400	235	1 ½”	120	400
HWS600	10.000	600	353	1 ½”	120	400
HWS1200	20.000	1.200	706	2”	175	570
HWS1800	30.000	1.800	1.059	3”	210	655
HWS3000	50.000	3.000	1.765	3”	210	815



<sup>1</sup> Capacity is according to ISO 1217 standarts at 20 C temperature and 1 bar atmospheric pressure. Other ambient conditions result in different performance data.

Max. Working Temperature	80 C°
Min. Working Temperature	2 C°
Pressure Drop at stated Flow	40 mbar
Max. Working Pressure	16 bar



Correction Factor	0,5	0,71	0,87	1	1,12	1,22	1,32	1,38
Operating Press. (Bar)	1	3	5	7	9	11	13	14
Operating Press. (Psi)	15	44	73	100	131	160	189	200

## 5 Vacuum Filters

### 5.1 Introduction

- 1.250 – 50.000 l/min
- ½" – 3"

Hipac HVAC Series:

- Fine Filter
- Partical Filtration : Up to 0,01 microns .
- Oil Vapour Filtration: 0,01mg/m3 at 20°C referance temperature

Applications and Uses:

- Located upstream of Vacuum Pumps
- Very efficient in dust and oil vapour proof filtering
- Provides high efficiency & protection for vacuum pumps



Model	Capacity 1			Connection Size	Working Pres. (bar)		Working Temp. (C°)		Filter Element		
	lt/min	m3/h	cfm		(")	max.	min.	max.	min.	Model	Change (h)
HVAC10	167	10	6	½"	16	0.02	80	2	HVE10	3.500	0.7
HVAC15	250	15	9	¾"	16	0.02	80	2	HVE15	3.500	0.7
HVAC30	500	30	18	1"	16	0.02	80	2	HVE30	3.500	0.7
HVAC45	750	45	26	1"	16	0.02	80	2	HVE45	3.500	0.7
HVAC75	1.250	75	44	1 ½"	16	0.02	80	2	HVE75	3.500	0.7
HVAC100	1.667	100	59	1 ½"	16	0.02	80	2	HVE100	3.500	0.7
HVAC125	2.083	125	74	1 ½"	16	0.02	80	2	HVE125	3.500	0.7
HVAC150	2.500	150	88	1 ½"	16	0.02	80	2	HVE150	3.500	0.7
HVAC180	3.000	180	106	2"	16	0.02	80	2	HVE180	3.500	0.7
HVAC250	4.167	250	147	2"	16	0.02	80	2	HVE250	3.500	0.7
HVAC360	6.000	360	212	3"	16	0.02	80	2	HVE360	3.500	0.7
HVAC500	8.167	490	288	3"	16	0.02	80	2	HVE500	3.500	0.7

1 Capacity is according to ISO 1217 standarts at 20 C temperature and 1 bar atmospheric pressure. Other ambient conditions result in different performance data.

## 5.2 Technical Specifications

- › 1.250 – 50.000 l/min
- › ½” – 3”

### HIPAC Vacuum Filters

- Aluminum alloy injection casting ensures high quality corrosive resistant precision body.
- Electrostatic body painting enables maximum corrosion protection against all weather conditions.
- All products available with brass manual drain as standart.
- Simple ball-type indicator and differential- type indicator are optional and installed upon

Filter Series	Partical Filtration	Oil Vapor Filtration	Nom. Press. Loss (Clean&Dry)
PF	3 micron	-	0.04 bar
SF	0.01 micron	0.01 mg/m <sup>3</sup>	0.08 bar

Model	Capacity <sup>1</sup>			Connection Size Size (")	Dimensions (mm)	
	lt/min	m <sup>3</sup> /h	cfm		Q	H
HVAC10	167	10	6	½"	95	275
HVAC15	250	15	9	¾"	95	275
HVAC30	500	30	18	1"	120	300
HVAC45	750	45	26	1"	120	300
HVAC75	1.250	75	44	1 ½"	120	400
HVAC100	1.667	100	59	1 ½"	120	400
HVAC125	2.083	125	74	1 ½"	120	565
HVAC150	2.500	150	88	1 ½"	120	565
HVAC180	3.000	180	106	2"	175	569
HVAC250	4.167	250	147	2"	175	689
HVAC360	6.000	360	212	3"	205	642
HVAC500	8.167	490	288	3"	205	802

<sup>1</sup> Capacity is according to ISO 1217 standarts at 20 C temperature and 1 bar atmospheric pressure. Other ambient conditions result in different performance data.



## 6 Compressed Air Dryers

- > 900 – 160.000 l/min
- > 1/2" – DN200



Model	Capacity <sup>1</sup>			Connection Size	Voltage V/ph/Hz	Filter Type
	lt/min	m <sup>3</sup> /h	cfm			
HIPAC-900	900	54	32	1/2"	230/1/50	HKF-70 / HKF-71
HIPAC-1200	1.200	72	42	1/2"	230/1/50	HKF-70 / HKF-71
HIPAC-1800	1.800	108	63	3/4"	230/1/50	HKF-100 / HKF-101
HIPAC-2200	2.200	132	77	3/4"	230/1/50	HKF-150 / HKF-151
HIPAC-2600	2.600	156	92	1"	230/1/50	HKF-150 / HKF-151
HIPAC-3100	3.100	186	109	1"	230/1/50	HKF-200 / HKF-201
HIPAC-3700	3.700	222	130	1"	230/1/50	HKF-200 / HKF-201
HIPAC-4500	4.500	270	158	1"	230/1/50	HKF-300 / HKF-301
HIPAC-5500	5.500	330	194	1"	230/1/50	HKF-300 / HKF-301
HIPAC-6500	6.500	390	230	1 1/2"	230/1/50	HKF-400 / HKF-401
HIPAC-8500	8.500	510	300	2"	230/1/50	HKF-600 / HKF-601
HIPAC-11.000	11.000	660	388	2"	400/3/50	HKF-600 / HKF-601
HIPAC-13.000	13.000	780	459	2"	400/3/50	MF-18.000 / MF-18.001
HIPAC-17.000	17.000	1.020	600	2"	400/3/50	MF-18.000 / MF-18.001
HIPAC-20.000	20.000	1.200	706	2"	400/3/50	MF-22.000 / MF-22.001
HIPAC-25.000	25.000	1.500	882	3"	400/3/50	MF-35.000 / MF-35.001
HIPAC-30.000	30.000	1.800	1.059	3"	400/3/50	MF-35.000 / MF-35.001
HIPAC-35.000	35.000	2.100	1.236	3"	400/3/50	MF-35.000 / MF-35.001
HIPAC-40.000	40.000	2.400	1.412	3"	400/3/50	MF-50.000 / MF-50.001
HIPAC-45.000	45.000	2.700	1.589	3"	400/3/50	MF-50.000 / MF-50.001
HIPAC-50.000	50.000	3.000	1.765	3"	400/3/50	MF-50.000 / MF-50.001
HIPAC-60.000	60.000	3.600	2.118	DN100	400/3/50	MF-70.000 / MF-70.001
HIPAC-70.000	70.000	4.200	2.472	DN100	400/3/50	MF-70.000 / MF-70.001
HIPAC-80.000	80.000	4.800	2.825	DN100	400/3/50	MF-105.000 / MF-105.001
HIPAC-90.000	90.000	5.400	3.178	DN100	400/3/50	MF-105.000 / MF-105.001
HIPAC-105.000	105.000	6.300	3.708	DN125	400/3/50	MF-105.000 / MF-105.001
HIPAC-120.000	120.000	7.200	4.237	DN150	400/3/50	MF-140.000 / MF-140.001
HIPAC-140.000	140.000	8.400	4.944	DN150	400/3/50	MF-140.000 / MF-140.001
HIPAC-160.000	160.000	9.600	5.650	DN200	400/3/50	MF-160.000 / MF-160.001

<sup>1</sup> Capacity is according to ISO 1217 standards at 20 C temperature and 1 bar atmospheric pressure. Other ambient conditions result in different performance data.

- Prices includes filters (inlet&outlet) upto HIPAC-50.000 (50.000 lt/min)
- Filters are packing separately from the dryer.

## 7 System Accessories

### 8.1 Automatic Condensate Drain Systems

	Model	
	<p><b>Ball Type Auto Drain</b> Model: HB20 Inlet: 1/2BSP Outlet: 1/2BSP</p>	<p>Working pressure: 0-16Bar Max working temp.: 100°C Discharge capacity : 0-400L/H</p>
	<p><b>Electronic Auto Drain</b> Model: HAD-E110-15A Port size: BSP1/2" Operation pressure: 0-16Bar Brass Body</p>	<p>Seal ring: NBR Max medium temp.: 80°C Interval time: 0.5-45 Mins Adjustment Discharge time: 0.5-10 seconds, Adjustment ambient temp.: 20°C to + 60°C</p>
	<p><b>Float type Auto Drain</b> Model: HAD-E420 Inlet BSP1/2"</p>	<p>Max working pressure: 10Bar Max working temp. : 60°C</p>
	<p><b>Brass or Plastic Float Drain</b> Model: HAD-F01 Discharges accumulated condensate, contamination and oil via floating drain system.</p>	<p>Max. Temp. 65°C</p>
	<p><b>Ball-type Pressure Indicator</b> Model: HAD-B Displays the indicative level of saturation of the filter element. Shows indicative pressure drop and operational efficiency</p>	<p>Max. Temp. 65°C</p>
	<p><b>Differential Pressure Indicator</b> Model: HAD-DPI Displays the level of saturation of the filter element. Shows accurate pressure drop and maximizes operational efficiency</p>	<p>Max. Temp. 65°C</p>
	<p><b>Manuel Drain</b> Model: HAD-MD Installed on every filter to discharge condensate, contamination and oil manually.</p>	

## 8.2 CE Certificated Safety Valves



Safety Valve Model	Connection Size	Working Pressure	Orifis Diameter	Max. Pressure	Closing Variant	Discharge Capacity
	(inch)	(bar)	(mm)	(bar)		(m <sup>3</sup> /min)
HP-SV-106	1/4"	7	6,8	5%	12%	2.236
HP-SV-108	1/4"	9				2.801
HP-SV-110	1/4"	11				3.367
HP-SV-112	1/4"	13				3.932
HP-SV-114	1/4"	15				4.498
HP-SV-116	1/4"	17				5.063
HP-SV-125	3/8"	7	10,8	6%	21%	4.765
HP-SV-127	3/8"	9				5.970
HP-SV-129	3/8"	11				7.175
HP-SV-131	3/8"	13				8.379
HP-SV-133	3/8"	15				9.584
HP-SV-135	3/8"	17				10.789
HP-SV-144	1/2"	7	10,8	6%	19%	4.765
HP-SV-146	1/2"	9				5.970
HP-SV-148	1/2"	11				7.175
HP-SV-150	1/2"	13				8.379
HP-SV-152	1/2"	15				9.584
HP-SV-154	1/2"	17				10.789
HP-SV-163	3/4"	7	14	6%	20%	12.126
HP-SV-165	3/4"	9				15.193
HP-SV-167	3/4"	11				18.259
HP-SV-169	3/4"	13				21.325
HP-SV-171	3/4"	15				24.392
HP-SV-173	3/4"	17				27.458
HP-SV-182	1"	7	20,5	6%	16%	25.326
HP-SV-184	1"	9				31.730
HP-SV-186	1"	11				38.134
HP-SV-188	1"	13				44.538
HP-SV-190	1"	15				50.942
HP-SV-192	1"	17				57.346

- Our Safety Valves are suitable under -10/+200C working conditions.
- Our products are followed by ISO 9001 quality system in compliance with international standards and they apply the 2014/68 EU pressure equipment regulations under the supervision of TÜV Austria.
- Our Safety Valves has different pressure options. (from 2 bar upto 20 bar)
- We also have 25,30,35 and 40 bar Safety Valves. Please ask price for them.
- Our Safety Valves are packaged in 25 pieces.

## 8 Working Conditions

VAT	Prices are without VAT.
Shipment Term	Between 1 week and 6 weeks from order confirmation
Payment Term	100% Prepaid on order.
Delivery Term	Ex-Works Istanbul
Insurance	At buyer's account
Transportation	At buyer's account

## 9 Legal Information

1. Product colours may deviate from the products shown. In some cases the diagrams and photographs show systems with special features or equipment. Printing errors and mistakes excepted. Please note that the products offered are subject to updates and that technical modifications or changes may result; however, these technical modifications or changes are restricted to those that may reasonably be accepted by the customer and that do not significantly impair the performance of a product.
2. Orders require written confirmation to become binding unless the order has already been fulfilled or invoiced by HIPAC.
3. Unless otherwise agreed with the customer, delivery periods are based on the "Delivery Periods" overview applicable at the time of contract conclusion and regularly distributed by HIPAC. Some options may involve longer delivery periods. Details are specified in the order confirmation.
4. Acceptance of a contractual quotation and fulfilment of the contract by HIPAC and/or its customers are subject to the condition that fulfilment of the contract is not impaired by any national or international legal provisions, specifically involving export law, or any embargoes or similar sanctions.



