

P/N	Operating Temperature (° C)								Max Temp of Sensor ° C	Capillary tube (mm)	Puffing Type
	Forced OFF	Warm		Normal		Cool		Forced ON			
		ON	OFF	ON	OFF	ON	OFF				
WDF27B-LH	Yes	(4.2)	(-14)	4.2 ± 1	-18 ± 1.5	4.2 ± 1	-27 ± 2	Yes	80	782	Gas
WDF24G-L	Yes	4 ± 1	-12 ± 1.5	---	---	4 ± 1	-24 ± 2	Yes	80	593	Gas
WDF27G-L	Yes	4 ± 1.5	-11.5 ± 1.5	---	---	4 ± 1.5	-27 ± 2	Yes	80	550	Gas
WDF23.5K-L	Yes	4.5 ± 1.5	-6 ± 2	(4.5)	-14.5 ± 2	4.5 ± 1.5	-23.5±1.5	---	80	835	Gas
WDF26C-L	Yes	4.5 ± 1.5	-10 ± 1.5	4.5 ± 1.5	-18 ± 2	4.5 ± 1.5	-26 ± 2	---	80	520	Gas
WDF20B-L	Yes	6.5 ± 1.1	-6 ± 2.2	6.5 ± 1.1	-13.5 ± 1.5	6.5 ± 1.1	-20 ± 2	---	80	880	Gas

WDF Series

It is widely used for double-door & double-temperature refrigerator

Specification:

- 1) Designed temperature range:-30~6
- 2) On-off temperature difference:8~36
- 3) Adjustable temperature range:max19
- 4) Rated at 6A/250V 50/60HZ
- 5) The center of installing hole:55±0.25mm or 15.3+0.5mm
- 6) Operating life:no less than 200,000times
- 7) Manufactured on customer request

P/N	Operating Temperature (° C)								Max Temp of Sensor (° C)	Capillary tube (mm)	Puffing type
	Forced OFF	Warm		Normal		Cool		Forced OFF			
		ON	OFF	ON	OFF	ON	OFF				
WPF24G-L	---	(6.5)	2 ± 2	---	---	-18 ± 1.5	-24 ± 1.5	<-29.5	80	600	GAS
WPF27A-L	Yes	-11 ± 2	---	-17 ± 1.5	-23 ± 1.5	---	-28 ± 2	---	80	843	GAS
WPF27A-LQ	---	6 ± 3	1 ± 3	(-11)	(-18)	-20.5 ± 2.5	-27.5 ± 2.5	<-36	80	850	GAS
WPF12.5A-L	---	(4.5)	0.5 ± 2	-2.5 ± 1.5	-6.5 ± 1.5	(-8.5)	-12.5 ± 2	---	55	283	Carbon
WPF16A-L	Yes	3.8 ± 2	-6 ± 2	-2 ± 1.5	-12.5 ± 1.5	-5	-16 ± 2	<-20	80	733	GAS
WPF26H-L	---	(-13)	(-16.5)	-17 ± 1.5	-21 ± 1.5	(-21.5)	(-26)	---	80	433	GAS

WPF Series

It is widely used for refrigerator & freezer

Specification:

- 1) Designed temperature range:-36~+15
- 2) On-off temperature difference:5~14
- 3) Adjustable temperature range:max25
- 4) Rated at 6A/250V 50/60HZ
- 5) The center of installing hole:55±0.25mm or 15.3mm+0.5mm
- 6) Operating life:no less than 200,000times
- 7) Manufactured on customer request

P/N	Operating Temperature (° C)							Temp	Max	Capillary tube (mm)	Puffing type
	Forced OFF	W		N		C		(° C)	Temp of Sensor (° C)		
		ON	OFF	ON	OFF	ON	OFF				
WPF32A-LX	---	-11 ± 2	-18 ± 2	-17 ± 1.5	-25 ± 1.5	-22±2	- 32 ± 2	w:-7.5 ± 2	80	815	GAS
WPF32.5A-LX	Yes	-16 ± 1.5	-24.5 ± 1.5	---	---	(-22)	- 32.5 ± 2	w:-11 ± 2	80	600	GAS
WPF31A-LX	Yes	-14.5 ± 1.5	- 23 ± 1.5	---	---	(-20.6)	(- 31 ± 2)	w:-11 ± 2	80	600	GAS
WPF33.5B-LX	Yes	-15 ± 1.5	-25 ± 1.5	---	---	---	-33.5 ± 2	w:-12 ± 2	80	600	GAS

WPF Signal Series

It is widely used for freezer

- 1) Designed temperature range:-36~15
- 2) On-off temperature difference:5~14
- 3) Adjustable temperature range:max16
- 4) Signal temperature difference:0~6
- 5) The center of installing hole:55±0.25mm or 15.3+0.5mm
- 6) Operating life:no less than 200,000times
- 7) Manufactured on customer request

P/N	Operating Temperature (° C)							Thaw frost Temp	Max Temp of Sensor (° C)	Capillary tube (mm)	Puffing type
	Forced	Warm Point		Normal Point		Cold Point					
		OFF	ON	OFF	ON	OFF	ON				
WSF23A-L	Yes	-1.5 ± 1.5	-9 ± 1.5	---	---	---	-22 ± 2	6 ± 2	80	650	GAS
WSF19.5A-L	Yes	(7)	1.5 ± 2.5	-3.5 ± 1.5	-11 ± 1.5	(-10)	-19.5 ± 2.5	5 ± 2.5	80	600	GAS
WSF18A-L	Yes	3 ± 2	(-10)	-1 ± 1.5	-14 ± 1.5	(-4)	-18 ± 2	5 ± 2.5	80	733	GAS
WSF20A-L	Yes	(4)	---	0 ± 1.5	-8.5 ± 1.5	---	-20 ± 2	5 ± 2.5	80	700	GAS

WSF Series

It is widely used for semiautomatic defrost single-door refrigerator

- 1) Designed temperature range:-28~7
- 2) On-off temperature difference:6-14
- 3) Adjustable temperature range:max18
- 4) Rated at 6A/250V 50/60HZ
- 5) Defrost temperature:3~6
- 6) The center of installing hole:55±0.25mm or 15.3+0.5mm
- 7) Operating life:no less than200,000times
- 8) Manufactured on customer request

P/N	Operating Temperature (° C)							Max Temp of Sensor (° C)	Capillary tube (mm)	Puffing type
	Warm Point			Cold Point			P.D			
	ON	OFF	DIFF	ON	OFF	DIFF	OFF			
WP17C-L	(32.3)	30 ± 2	2 ~ 4	(19.8)	17 ± 1.5	2 ~ 4	< 8	80	360	Gas
WP14C-L	(32.5)	30 ± 2	1.5 ~ 3.5	(17)	14 ± 1.5	2.5 ~ 4	< 8	80	433	Gas
WPF16A-L	---	30 ± 2	2 ~ 4	---	16 ± 1.5	2 ~ 4	---	55	290	Carbon
WP12B-L	(27.3)	24.4 ± 2	---	(15)	12 ± 1.5	3 ± 1.5	---	55	235	Carbon
WP15Y-LR	(32.5)	30 ± 2.5	2 ~ 4	(18)	15 ± 1.5	2 ~ 4	< 8	55	250	Carbon

WP Series

It is widely used for window & split air condition, car air-condition

Specification:

- 1) Designed temperature range:0~40
- 2) On-off temperature difference:2~5
- 3) Adjustable temperature range:max16
- 4) Rated at 20A/250V 50/60HZ
- 5) The center of installing hole:55±0.25mm or 33±0.25mm
- 6) Operating life:no less than 100,000times
- 7) Manufactured on customer request

Type	Operating Temperature (° C)								Max Temp of Sensor (° C)	Capillary tube (mm)	Puffing type
	Forced OFF	Warm Point		Normal Point		Cold Point		Forced ON			
		ON	OFF	ON	OFF	ON	OFF				
WDFE31C-L	Yes	3 ± 1.5	-16 ± 2	---	---	3 ± 1.5	-31 ± 2	Yes	80	650	GAS
WDFE24D-L	Yes	4 ± 1.1	-11 ± 2	4 ± 1.1	-17 ± 1.5	4 ± 1.1	-24 ± 2	Yes	80	633	GAS
WPFE20V-L	Yes	(4)	---	0 ± 1.5	(-18)	---	-20 ± 2	---	80	700	GAS
WPFE27A-L	---	-11 ± 2	---	-17 ± 1.5	-23 ± 1.5	---	-28 ± 2.5	---	80	850	GAS

WPFE Anti-exploded Series

It is widely used for refrigerator & freezer (R600 refrigerant)

- 1) Designed temperature range: -36~15
- 2) Adjustable temperature range:Max25
- 3) On-off temperature difference:5~14
- 4) The center of installing hole:55±0.25mm or 15.3+0.5mm
- 5) Operating life:no less than 200,000times
- 6) Manufacture on customer request

WDFE Anti-exploded Series

It is widely used for refrigerator & freezer (R600 refrigerant)

- 1) Designed temperature range:3~8
- 2) Stop temperature range: -30~ -6
- 3) Adjustable temperature range:Max19
- 4) The center of installing hole:55±0.25mm or 15.3+0.5mm
- 5) Operating life:no less than 200,000times
- 6) Manufacture on customer request

Type	Operating Temperature (° C)								Max Temp of Sensor (° C)	Capillary tube (mm)	Puffing type
	Forced	Warm Point		Normal Point		Cold Point		Forced			
	OFF	ON	OFF	ON	OFF	ON	OFF	ON			
WDF14A-LI	---	(8)	(-2)	8 ± 1.5	-8 ± 1.5	(8)	(-14)	---	80	650	GAS
WDF3A-L	---	(8.5)	1.5 ± 2	8.5 ± 1.5	-3 ± 1.5	---	---	---	80	633	GAS
WDF1.5A-L	---	(8)	(2)	8 ± 1.5	-1.5 ± 1.5	(8)	(-5)	---	80	650	GAS
WDF10D-L	---	12 ± 1.5	-2 ± 2	12 ± 1.5	-7 ± 1.5	12 ± 1.5	-12 ± 1.5	Yes	80	680	GAS
WPF5.5E-L	Yes	(13)	(9.5)	7 ± 1.5	3 ± 1.5	(-0.5)	(-5.5)	---	80	630	GAS
WPF2C-L	Yes	---	---	7 ± 1	2 ± 1	---	---	---	80	765	GAS
WPF4K-L	Yes	13 ± 2	10 ± 2	10.5 ± 1.5	7 ± 1.5	8 ± 2	4 ± 2	---	80	600	GAS

WPF WDF Series

It is widely used for water drinking machine

- 1) Pls refer to the parament of WPF,WDF series
- 2) Manufacture on customer request

Type	Operating Temperature (° C)									Capillary tube (mm)	Puffing type
	Warm Point			Normal Point			Cold Point				
	Full Open (° C)	Open Distance (mm)	Full Close (° C)	Full Open (° C)	Open Distance (mm)	Full Close (° C)	Full Open (° C)	Open Distance (mm)	Full Close (° C)		
WMF6A-P	(13)	>7	(2)	10.5 ± 2	>8.5	-0.5 ± 1.5	---	>9	-6 ± 2	120 ± 30	Carbon
WMF6C-L	(10.5)	9	(3.3)	(6.7)	9	-1.6 ± 1.5	(3)	9	(-6)	250 ± 20	Carbon
WMF5A-T	10	10	2 ± 2	5	10	-3 ± 1.5	0	10	-8 ± 2	200 ± 30	Carbon

WMF Series

It is widely used for air-cooled freezing of refrigerator

Specification:

- 1) Designed temperature range:-20~20
- 2) Adjustable temperature range:max16
- 3) Absolutely open& closed temperature difference:8~15
- 4) Operating life:100,000times
- 5) Manufactured on customer request