

# Certificate

## ANTIPOLLUTION OF WATER INSTALLATIONS

### Family of products: WATER

CSTB hereby certifies that the products referred to in the appendix comply with the characteristics described in the certification reference system ANTIPOLLUTION OF WATER INSTALLATIONS (NF 045), in force, following an assessment performed according to the inspection procedures set out in this reference system.

By virtue of the present decision notified by CSTB, AFNOR Certification grants:

**The company**            **WATTS INDUSTRIES France**  
**100 route Nationale**

**Brand :**                    **FR-80132 HAUTVILLERS OUVILLE**  
**WATTS INDUSTRIES France**

the right to use the NF mark ANTIPOLLUTION OF WATER INSTALLATIONS for the products covered under this decision, throughout its period of validity and under the conditions provided for in the general rules of NF mark and the above-mentioned reference system.

Decision of renewal n° 412-M1-19/3 dated 23/10/2019  
This decision cancels and replaces decision n° 412-M1-19/2 dated 07/10/2019

Except in case of withdrawal, suspension or modification, this certificate is valid for 15 months.  
This valid certificate is available on the following Web site <http://evaluation.cstb.fr> to check its validity.

## CERTIFIED CHARACTERISTICS

The products covered by the NF mark ANTIPOLLUTION OF WATER INSTALLATIONS have the minimal characteristics required by the standards, possibly completed by the technical specifications specified in the appendix

**This certificate comprises 4 pages.**

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For CSTB  
On behalf of the President



Edwige PARISEL

**Appendix to the Certificate**

Decision no. 412-M1-19/3

**CONTROLLABLE BACKFLOW PREVENTERS BA**

These products have the minimum characteristics defined in the NF EN 12729 standard and in the technical document 045-01 et 045-03.

CSTB	Reference	DN	Type	Fitting
<b>Gamme: 009MC BA</b>				
<b>CONTROLLABLE BACKFLOW PREVENTERS BA</b>				
A04j	2231722MC	65		With flanges
A04k	2231822MC	80		With flanges
A04l	2232300MC	100		With flanges
A04n	2232400MC	150		With flanges
A04o	2232500MC	200		With flanges
A04p	2232600MC	250		With flanges
<b>Gamme: BM</b>				
<b>CONTROLLABLE BACKFLOW PREVENTERS BA</b>				
A 06d	2231150	15		With 2 male union fittings
A 06e	2231250	20		With 2 male union fittings
A 06f	2231350	25		With 2 male union fittings
A 06g	2231450	32		With 2 male union fittings
A 06h	2231550	40		With 2 male union fittings
A 06i	2231650	50		With 2 male union fittings

**CONTROLLABLE BACKFLOW PREVENTERS Caa**

These products have the minimum characteristics defined in the NF EN 14367 standard and in the technical document 045-04.

CSTB	Reference	DN	Type	System	Fitting
<b>Gamme: 9C</b>					
<b>CONTROLLABLE BACKFLOW PREVENTERS Caa</b>					
C01d	30115	15		IN020	With 2 female union fittings
C02d	30125	15		IN020	With 2 male union fittings
C03d	30127	15		IN020	Male-Male
C03d	30138	15		IN020	Female-Male
C01e	30215	20		IN020	With 2 female union fittings
C02e	30225	20		IN020	With 2 male union fittings

**BACKFLOW PREVENTER Cab**

These products have the minimum characteristics defined in the NF EN 14367 standard and in the technical document 045-04.

CSTB	Reference	Connection	Type	Fitting
<b>Gamme: CB010</b>				
<b>CONTROLLABLE BACKFLOW PREVENTERS Cab</b>				
B08q	2230839	M10		Male-Female
B05c	2230848	1/4		Male-Male
B11	2230855	OEM		OEM-OEM
B06c	2230862	OEM/8		OEM-Male
B07c	2230871	1/4		Swifel nut-Male
B09	2230893	OEM		OEM-OEM
B10	2230896	OEM		OEM-OEM

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**CHECK VALVE**

These products have the minimum characteristics defined in the NF EN 13959 standard and in the technical document 045-01 et 045-06.

CSTB	Reference	DN	Type	Flow rate limiting	System	Fitting
<b>Gamme: 251 DE</b>						
<b>CONTROLLABLE CHECK VALVES EA</b>						
O253d	2224120	15	straight/bb		IN015	Swifel nut-Swifel nut
<b>Gamme: BB</b>						
<b>CONTROLLABLE CHECK VALVES EA</b>						
O243d	2224100	15	straight/bb		IN015	Female-Female
O243e	2224101	20	straight/bb		IN020	Female-Female
O243f	2224102	25	straight/bb		IN025	Female-Female
O243g	2224106	32	straight/bb		IN032	Female-Female
O243h	2224107	40	straight/bb		IN040	Female-Female
O243i	2224129	50	straight/bb		IN050	Female-Female
<b>Gamme: CO</b>						
<b>NON-CONTROLLABLE CHECK VALVES, EB</b>						
N225c	22019346	10				Cartridge
N205c	22019386	10				Cartridge
N205d	2224012	15				Cartridge
N205b	2224016	8				Cartridge
N215c	2224017	10				Cartridge
<b>Gamme: CS015</b>						
<b>NON-CONTROLLABLE CHECK VALVES, EB</b>						
N236c	2224159	10				Cartridge
<b>Gamme: IN</b>						
<b>NON-CONTROLLABLE CHECK VALVES, EB</b>						
N243i	2224002	50				Cartridge
N243d	2224003	15				Cartridge
N243e	2224004	20				Cartridge
N243g	2224005	32				Cartridge
N243h	2224006	40				Cartridge
N243f	2224007	25				Cartridge
<b>Gamme: IO</b>						
<b>NON-CONTROLLABLE CHECK VALVES, EB</b>						
N257i	2224002	50			I0050	Cartridge
N257h	2224006	40			I0040	Cartridge
N257f	2224007	25			I0025	Cartridge
N257e	2224145	20			I0020	Cartridge
N257d	2224146	15			I0015	Cartridge
N257g	2224147	32			I0032	Cartridge
<b>Gamme: WF</b>						
<b>CONTROLLABLE CHECK VALVES EA</b>						
O293d	2224108	15	straight/pp		IN020	Swifel nut-Male
O293e	2224109	20	straight/pp		IN025	Swifel nut-Male
O223d	2224110	15	straight/bb		IN020	Swifel nut-Male
O223e	2224111	20	straight/bb		IN025	Swifel nut-Male
O223f	2224112	25	straight/bb		IN032	Swifel nut-Male
O223g	2224116	32	straight/bb		IN032	Swifel nut-Male
O223h	2224117	40	straight/bb		IN040	Swifel nut-Male
O263d	2224119	15	straight/bb		IN020	Swifel nut-Male
O263e	2224125	20	straight/bb		IN025	Swifel nut-Male
O263f	2224126	25	straight/bb		IN032	Swifel nut-Male
O263g	2224127	32	straight/bb		IN032	Swifel nut-Male
O263h	2224128	40	straight/bb		IN040	Swifel nut-Male
<b>Gamme: WF short</b>						
<b>CONTROLLABLE CHECK VALVES EA</b>						

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<b>CSTB</b>	<b>Reference</b>	<b>DN</b>	<b>Type</b>	<b>Flow rate limiting</b>	<b>System</b>	<b>Fitting</b>
O273d	2224181	15	straight/bb		IN015	Swifel nut-Male
O283d	2224182	15	straight/pp		IN015	Swifel nut-Male
<b>Gamme: WH</b>						
<b>CONTROLLABLE CHECK VALVES EA</b>						
O303d	2224160	15	elbow/bb		IN020	Swifel nut-Male elbow
O303e	2224161	20	elbow/bb		IN025	Swifel nut-Male elbow
O233e	2224162	20	elbow/bb		IN025	Swifel nut-Male elbow
O233d	2224163	15	elbow/bb		IN020	Swifel nut-Male elbow
<b>Gamme: WM</b>						
<b>NON-CONTROLLABLE CHECK VALVES, EB</b>						
N279e	2224137	20				Cartridge
N279d	2224138	15				Cartridge
N279f	2224139	25				Cartridge

**CHECKING FITTINGS IN PLACE OF SANITARY PROTECTION UNITS**

These products have the minimum characteristics defined in the NF P 43-018 standard and in the technical document 045-08.

<b>CSTB</b>	<b>Reference</b>	<b>Type</b>
<b>Gamme: TK9 B</b>		
<b>CHECKING FITTINGS IN PLACE OF SANITARY PROTECTION UNITS</b>		
M01	2234900M2	