

# IPEX SYSTEM 636 PVC, CPVC FLUE GAS VENTING, AND FITTINGS

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\*For use with gas fired appliances producing flue gases 65°C or less.

\*\*For use with gas fired appliances producing flue gases 90°C or less.

**NOTE: FGV denotes Flue Gas Vent**

**Expert Service. Quality Products. Since 1960.**

# IPEX SYSTEM 636 PVC, CPVC FLUE GAS VENTING, AND FITTINGS

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## INTRODUCTION

IPEX offers complete certified systems of pipes, fittings and cements meeting the stringent demands of the ULC S636 venting standard.

## ONE CODE CHANGE, TWO CERTIFIED SOLUTIONS

IPEX offers System 636 in two distinct materials, each with a unique temperature rating. These venting systems are approved as Type BH vents and are designed for negative or positive pressure venting of gas-fired appliances:

### System 636® PVC

System 636 PVC is classified as Type BH Class IIA vent suitable for use on appliances with flue gas temperatures up to and including 65°C. Sizes include 1-1/2", 2", 2-1/2", 3" and 4". Coloured white with unique blue certification markings, System 636 PVC pipe is made to sturdy SCH 40 dimensions to provide a strong, rigid pipe for the application. IPEX offers a full range of System 636 PVC vent fittings and accessories.



**SYSTEM 636 PVC**  
(rated up to 65°C)

### System 636® CPVC

System 636 CPVC is classified as Type BH Class IIB vent suitable for use on appliances with flue gas temperatures up to and including 90°C. CPVC sizes include 1-1/2", 2", 2-1/2", 3", 4", 6" & 8". Coloured grey, System 636 CPVC pipe is also made to sturdy SCH 40 dimensions to be tough enough for the application's demands. Their full line of System 636 CPVC fittings are available in SCH 80 dimensions.



**SYSTEM 636 CPVC**  
(rated up to 90°C)

## LEGEND

H	Hub	EL	Extra Long
Sp	Spigot	FPT	Female Pipe Thread
L	Long	MPT	Male Pipe Thread

### Caution

IPEX PVC and CPVC Type BH flue gas vent products are listed and certified by ITS-Warnock Hersey to ULC S636 as complete systems of pipes, fittings and cements, and they must be installed as such.

DO NOT mix pipe, fittings or cements from different BH vent manufacturers. This can result in unsafe conditions and will void both the product certification and product warranty.

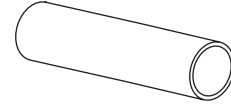
System 636 PVC is listed as Type BH Class IIA venting system with a maximum temperature rating of 65°C (149°F).

System 636 CPVC is listed as Type BH Class IIB venting system with a maximum temperature rating of 90°C (194°F).

## SYSTEM 636® PVC-FGV — TYPE BH CLASS IIA 65°C\*

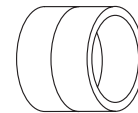
### PVC GAS VENT PIPE — PLAIN END (10 FT. LENGTHS)

ITEM #	MODEL	SIZE (")	CTN/QTY
887721	194003	1-1/2	860
887722	194000	2	1050
887724	194004	2-1/2	780
887726	194001	3	580
887728	194002	4	510



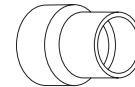
### PVC-FGV COUPLING (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
888026	196452	1-1/2	25
887732	196352	2	70
887734	196454	2-1/2	20
887736	196353	3	60
887738	196354	4	30



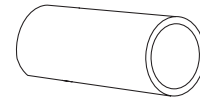
### PVC-FGV INCREASER COUPLING (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
887739	196362	2 × 1-1/2	150
887740	196364	3 × 2	45
C887720	196365	4 × 2	25
887742	196366	4 × 3	30



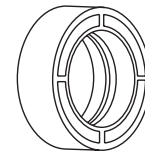
### PVC-FGV DEEP SOCKET COUPLING (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
888030	196453	2	20
888032	196455	3	25



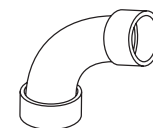
### PVC-FGV REDUCER BUSHING (SP × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
887747	196653	1-1/2 × 1/2	20
887744	196282	2 × 1-1/2	80
887753	196667	2-1/2 × 2	60
887754	196284	3 × 2	50
887746	196673	3 × 2-1/2	20



### PVC-FGV 90° ELBOW SHORT (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
888022	196121	1-1/2	120
887750	196035	2	50
887759	196525	2-1/2	10
887752	196025	3	25
887792	196124	4	20



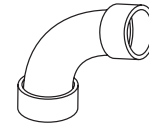
\*For use with gas fired appliances producing flue gases 65°C or less.

# IPEX SYSTEM 636 PVC, CPVC FLUE GAS VENTING, AND FITTINGS

## SYSTEM 636® PVC-FGV — TYPE BH CLASS IIA 65°C\* (cont'd)

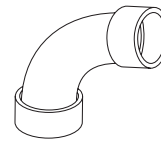
### PVC-FGV 90° ELBOW LONG (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
887756	196122	2	55
887758	196123	3	23



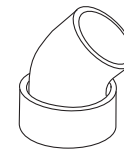
### PVC-FGV 90° ELBOW EXTRA LONG (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
887777	196022	2	40
887779	196023	3	15



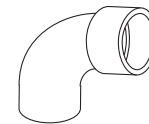
### PVC-FGV 45° STREET ELBOW (H × SP)

ITEM #	MODEL	SIZE (")	CTN/QTY
887771	196071	2	50



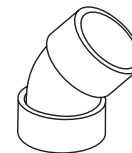
### PVC-FGV 90° STREET ELBOW (SP × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
887769	196232	2	60
887770	196233	3	15



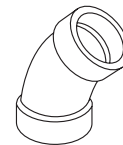
### PVC-FGV 45° ELBOW (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
888024	196241	1-1/2	175
887760	196242	2	110
887763	196487	2-1/2	10
887762	196243	3	25
887764	196244	4	20



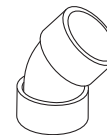
### PVC-FGV 45° LONG ELBOW (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
887743	196010	2	45
887745	196011	3	20



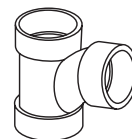
### PVC-FGV 22-1/2° ELBOW (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	196252	2	45



### PVC-FGV SAN TEE (H × H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	196081	1-1/2	110
887766	196082	2	35
887749	196781	2-1/2	10
887751	196083	3	17
C887720	196084	4	5



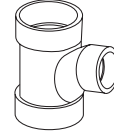
\*For use with gas fired appliances producing flue gases 65°C or less.

# IPEX SYSTEM 636 PVC, CPVC FLUE GAS VENTING, AND FITTINGS

## SYSTEM 636® PVC-FGV — TYPE BH CLASS IIA 65°C\* (cont'd)

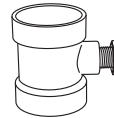
### PVC-FGV SAN REDUCER TEE (H × H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
887765	196056	2 × 1-1/2	40
887767	196061	3 × 1-1/2	30
887789	196822	3 × 2	10
887794	196828	4 × 2	5



### PVC-FGV ACCESS TEE (H × H × FPT)

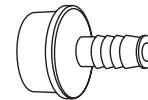
ITEM #	MODEL	SIZE (")	CTN/QTY
888012	196511	2	15
888013	196512	3	10



**NOTE:** Includes 1/2" plug

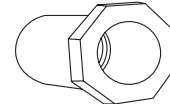
### PVC-FGV REDUCER BUSHING (SP × HOSE BARB)

ITEM #	MODEL	SIZE (")	CTN/QTY
887748	196278	1-1/2 × 1/2	80



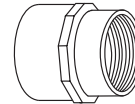
### PVC-FGV HEX HEAD REDUCER BUSHING (SP × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	196672	3 × 2	20



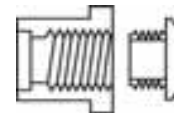
### PVC-FGV FEMALE THREAD ADAPTER (H × FPT)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	196564	2	20



### PVC-FGV TESTING PLUG AND BUSHING KIT (SP × PLUG)

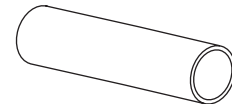
ITEM #	MODEL	SIZE (")	CTN/QTY
887787	196143	2	10



## SYSTEM 636® CPVC-FGV — TYPE BH CLASS IIA 90°C\*\*

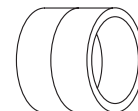
### CPVC GAS VENT PIPE — PLAIN END (10' LENGTHS)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	198003	1-1/2	580
888202	198001	2	580
C887720	198004	2-1/2	580
888204	198000	3	580
888205	198002	4	340



### CPVC-FGV COUPLING (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197026	2	10
C887720	197027	3	10
888186	197023	4	5



\*For use with gas fired appliances producing flue gases 65°C or less.

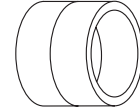
\*\*For use with gas fired appliances producing flue gases 90°C or less.

# IPEX SYSTEM 636 PVC, CPVC FLUE GAS VENTING, AND FITTINGS

## SYSTEM 636® CPVC-FGV — TYPE BH CLASS IIA 90°C\*\* (cont'd)

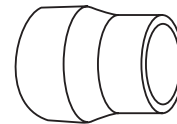
### CPVC-FGV DEEP SOCKET COUPLING (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197136	1-1/2	10
888232	197137	2	10
C887720	197138	2-1/2	5
888250	197139	3	5
C887720	197140	4	5



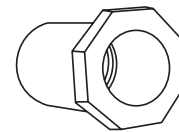
### CPVC-FGV INCREASER COUPLING (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
888251	197470	3 × 2	5
C887720	197472	4 × 3	5



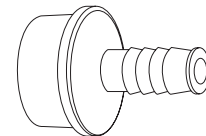
### CPVC-FGV HEX HEAD REDUCER BUSHING (SP × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197385	2 × 1/2	10
C887720	197386	2 × 3/4	10
C887720	197389	2 × 1-1/2	10
C887720	197394	3 × 2	10
C887720	197395	3 × 2-1/2	10
C887720	197396	4 × 2	20



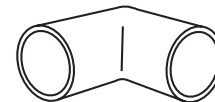
### CPVC-FGV REDUCER BUSHING (SP × HOSE BARB)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197278	1-1/2 × 1/2	80



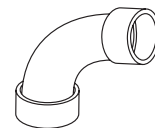
### CPVC-FGV 90° ELBOW (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
888221	197199	2	15
888244	197201	3	5
888245	197202	4	5



### CPVC-FGV 90° ELBOW LONG (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
888222	197122	2	55
888246	197123	3	23
888247	197124	4	20



### CPVC-FGV 45° ELBOW (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
888226	197169	2	10
888248	197171	3	5
888249	197172	4	5



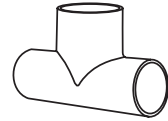
\*\*For use with gas fired appliances producing flue gases 90°C or less.

# IPEX SYSTEM 636 PVC, CPVC FLUE GAS VENTING, AND FITTINGS

## SYSTEM 636® CPVC-FGV — TYPE BH CLASS IIA 90°C\*\* (cont'd)

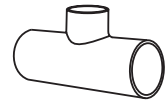
### CPVC-FGV TEE (H × H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197486	2	10
C887720	197488	3	5
888193	197489	4	5



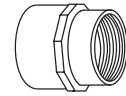
### CPVC-FGV REDUCER TEE (H × H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197502	3 × 2	5
C887720	197504	4 × 2	5



### CPVC-FGV FEMALE THREAD ADAPTER (H × FPT)

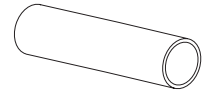
ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197224	2	10



## SYSTEM 636® LARGE DIAMETER CPVC-FGV — TYPE BH CLASS IIB 90°C\*\*

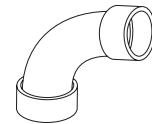
### CPVC GAS VENT PIPE — PLAIN END (10' LENGTHS)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	198005	6	220
C887720	198006	8	70



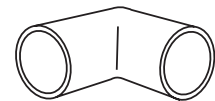
### CPVC-FGV 90° ELBOW LONG (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197125	6	5
C887720	197126	8	2



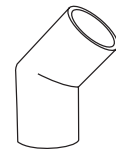
### CPVC-FGV 90° ELBOW (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197203	6	5
C887720	197204	8	2



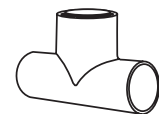
### CPVC-FGV 45° ELBOW (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197173	6	5
C887720	197174	8	2



### CPVC-FGV TEE (H × H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197490	6	4
C887720	197491	8	2



\*\*For use with gas fired appliances producing flue gases 90°C or less.

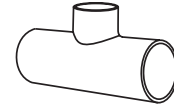
# IPEX SYSTEM 636 PVC, CPVC FLUE GAS VENTING, AND FITTINGS

www.ipexinc.com

## SYSTEM 636® LARGE DIAMETER CPVC-FGV — TYPE BH CLASS IIB 90°C\*\* (cont'd)

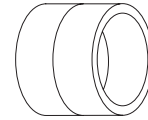
### CPVC-FGV REDUCER TEE (H × H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197506	6 × 6 × 4	4
C887720	197567	8 × 8 × 6	2



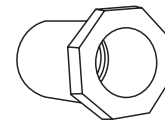
### CPVC-FGV COUPLING (H × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197141	6	5
C887720	197142	8	2



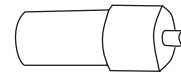
### CPVC-FGV HEX HEAD REDUCER BUSHING (SP × H)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197400	6 × 4	10
C887720	197401	8 × 6	5



### CPVC-FGV CONDENSATE DRAIN ASSEMBLY (SP × FPT)

ITEM #	MODEL	SIZE (")	CTN/QTY
888182	197002	4 × 1/2	1
C887720	197003	6 × 1/2	1



## SYSTEM 636® ACCESSORIES

### CEMENTS AND PRIMERS

ITEM #	MODEL	DESCRIPTION	CTN/QTY
887768	196040	PVC One-Step Cement/Pint (Low VOC)	12
887778	196041	PVC One-Step Cement/Quart (Low VOC)	12
888242	196046	CPVC One-Step Cement/Pint (Low VOC)	12
C887720	196047	CPVC One-Step Cement/Quart (Low VOC)	12
C887720	196015	CPVC One-Step Cement/Gallon (Low VOC)	6
887776	196044	PVC/CPVC/ABS One-Step Transition Cement/Pint	12
887780	196042	PVC/CPVC Primer*/Pint (Purple) (Low VOC)	12
887781	196017	PVC/CPVC Primer*/Pint (Clear) (Low VOC)	12
887782	196043	PVC/CPVC Primer*/Quart (Purple) (Low VOC)	12



**NOTES:** Use only System 636® cements and primers. Substituting other cement and primers will void certification and warranty.

Primer shall be used when installing System 636® PVC or CPVC products at temperatures below 0°C.

Primer always required on 6" and 8" CPVC.

Primer is required in some jurisdictions regardless of temperature, verify with your local authority having jurisdiction.

All pint and quart cans supplied with dauber (applicator) for use up to 4".

### SWAB

ITEM #	MODEL	DESCRIPTION	CTN/QTY
C887720	074456	Gallon – for pipe diameters 6" and larger, fits Model 196015 can	24



\*\*For use with gas fired appliances producing flue gases 90°C or less.

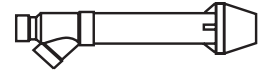
– E.&O.E. – All Prices F.O.B. Our Warehouse – Subject to Change Without Notice – All Taxes Extra – May not be Available at All Branches –



## SYSTEM 636® ACCESSORIES (cont'd)

### PVC-FGV CONCENTRIC VENT KIT

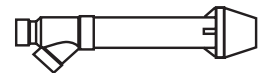
ITEM #	MODEL	SIZE (")	CTN/QTY
887772	196005	2 × 16	1
C887720	196105	2 × 28	1
C887720	196125	2 × 40	1
887773	196006	3 × 20	1
C887720	196106	3 × 32	1
C887720	196116	3 × 44	1
C887720	196021	4 × 36	1



**NOTE:** Vent screen not included.

### CPVC-FGV CONCENTRIC VENT KIT

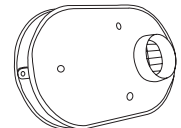
ITEM #	MODEL	SIZE (")	CTN/QTY
888252	197009	3 × 20	1
C887720	197107	3 × 32	1
C887720	197117	3 × 44	1
888253	197021	4 × 36	1



**NOTE:** Vent screen not included.

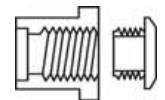
### PVC-FGV LOW PROFILE TERMINATION KIT (BEIGE)

ITEM #	MODEL	SIZE (")	CTN/QTY
888254	196984	2	1
888255	196985	3	1
C887720	196986	4	1



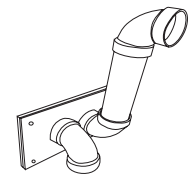
### CPVC-FGV TESTING PLUG AND BUSHING KIT (SP × PLUG)

ITEM #	MODEL	SIZE (")	CTN/QTY
C887720	197143	2	10



### CPVC-FGV WALL TERMINATION KIT

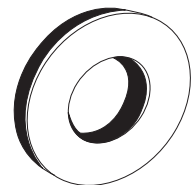
ITEM #	MODEL	SIZE (")	CTN/QTY
887784	081216	2	1
887786	081218	2-1/2	1
887788	081219	3	1



**NOTE:** Vent screen not included.

### FACE PLATE — ROUND — SELF SEALING FOAM BACK

ITEM #	MODEL	SIZE (")	CTN/QTY
887783	196063	2	65
887785	196064	3	65
C887720	196055	4	65
C887720	197053*	2	65
C887720	197054*	3	65
C887720	197055*	4	65



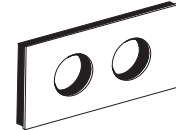
\*Grey colour to match CPVC.

# IPEX SYSTEM 636 PVC, CPVC FLUE GAS VENTING, AND FITTINGS

## SYSTEM 636® ACCESSORIES (cont'd)

### FACE PLATE — RECTANGULAR — SELF SEALING FOAM BACK — WHITE

ITEM #	MODEL	SIZE (")	CTN/QTY
887795	196216	2	65
887797	196218	2-1/2	65
887798	196219	3	65



### TERMINATION VENT SCREENS

Polyethylene vent screens are not ULC S636 certified. Friction fit vent screens inside termination fitting bells to prevent debris and rodents from entering vent.

ITEM #	MODEL	SIZE (")	CTN/QTY
887790	196050*	2	250
887791	196051*	3	100
C887720	196052*	4	75
C887720	196090**	6	5
C887720	196091**	8	5



\*Polyethylene

\*\*Stainless Steel

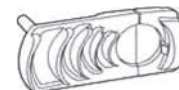
### PVC-FGV VENT CAPS

ITEM #	MODEL	SIZE (")
887774	196001	2
887775	196002	3

### DEBURRING TOOL

To ensure quality solvent cement connections, deburr all pipe ends prior to cementing. For guidance on Deburring 6" – 8" pipe, contact your local ECCO Supply™ Representative.

ITEM #	MODEL	DESCRIPTION	CTN/QTY
887796	196246	1-1/2" to 4" Pipe	1



### CUTTER

ITEM #	MODEL	DESCRIPTION	CTN/QTY
C887720	196247	1-1/2" to 3" Pipe	1

