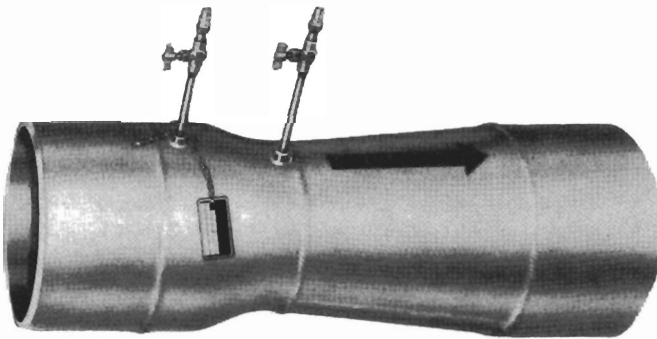
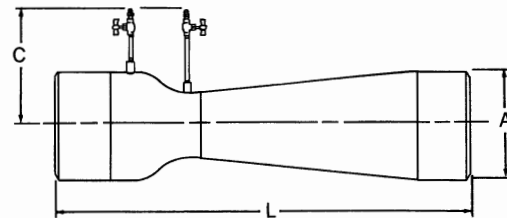
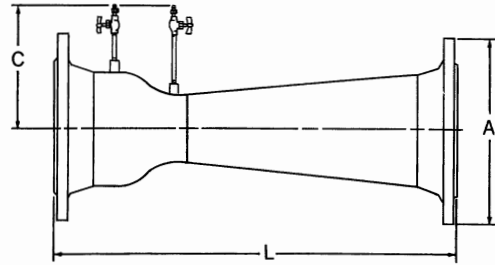


Hyspan VENTURI

FLOW MEASUREMENT SYSTEM / SERIES V3 (FABRICATED STEEL)



Sizes: 12" thru 16"



Series V3 Fabricated Steel Venturi is available with flanged or weld ends in sizes from 12" to 30". Design pressure ratings of Series V3 venturi body (without fitting kit) is limited to pressure ratings as indicated on this page and the next. Shipped with identification tags and fitting kit (brass nipples, brass valves and color-coded quick connect couplings) attached.

Other materials, schedule weld ends, flanges, etc., are available on request.

All dimensions in inches.

Pipe Size	Beta Ratio	Size Code	End Code	COMPLETE PART NUMBER	A Diam.	C	L	End Connection	Weight each (lbs.)	Rating PSI at +250°F.*
12	506	72	41	BR24506-72-41	19.00	13.89	42.00	150# Flange	300	225**
	506	72	61	BR24506-72-61	12.75	13.82	45.00	Std. Sch. .375 Wall	175	500
	665	72	41	BR24665-72-41	19.00	13.89	34.00	150# Flange	225	225**
	665	72	61	BR24665-72-61	12.75	13.82	37.00	Std. Sch. .375 Wall	150	500
	750	72	41	BR24750-72-41	19.00	14.31	36.50	150# Flange	240	225**
	750	72	61	BR24750-72-61	12.75	14.31	39.50	Std. Sch. .375 Wall	130	500
14	602	74	41	BR24602-74-41	21.00	14.75	45.00	150# Flange	375	225**
	602	74	61	BR24602-74-61	14.00	14.75	47.00	Sch. 30 .375 Wall	225	450
	756	74	41	BR24756-74-41	21.00	14.82	37.00	150# Flange	350	225**
	756	74	61	BR24756-74-61	14.00	14.82	39.00	Sch. 30 .375 Wall	200	450
16	523	76	41	BR24523-76-41	23.50	15.75	54.00	150# Flange	500	225**
	523	76	61	BR24523-76-61	16.00	15.75	56.00	Sch. 30 .375 Wall	275	400
	658	76	41	BR24658-76-41	23.50	15.82	46.00	150# Flange	475	225**
	658	76	61	BR24658-76-61	16.00	15.44	48.00	Sch. 30 .375 Wall	250	400
	786	76	41	BR24786-76-41	23.50	15.82	39.00	150# Flange	450	225**
	786	76	61	BR24786-76-61	16.00	15.82	41.00	Sch. 30 .375 Wall	225	400

HOW TO ORDER

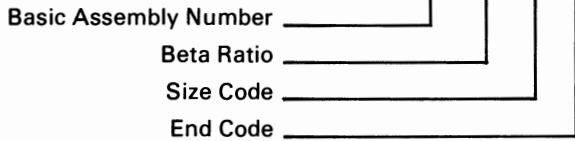
To order a **HYSPAN** Venturi, state the complete part number, as shown in color below. The part number consists of the following elements: first, a basic assembly number which designates the type of venturi; second, the beta ratio; third, the size; and fourth, the end code. Below is a typical example.

End Codes

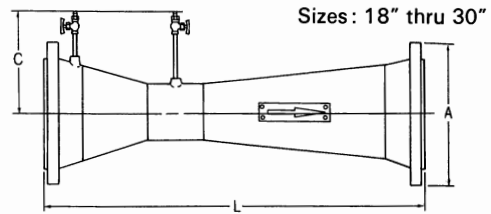
41 = 150 lb. Flange **61** = Weld End **81** = Grooved End

Complete Part Number

BR24605-70-41



All **HYSPAN** Venturis are shipped with a permanently attached tag which shows the correct capacity curve for converting meter readings to gpm.



- * For pressure rating of fittings, see page 25.
- ** When flanges are used, venturi body without fitting kit is rated at the flange pressure rating for the 12" through 20" venturi, i.e., ANSI 150 lb.
- † Maximum pressure rating for 24" and 30" venturi is 250 psig, with or without 150 lb. flanges.

All dimensions in inches.

Pipe Size	Beta Ratio	Size Code	End Code	COMPLETE PART NUMBER	A Diam.	C	L	End Connection	Weight each (lbs.)	Rating PSI at +250°F.*
18	581	78	41	BR24581-78-41	25.00	16.82	67.00	150# Flange	600	225**
	581	78	61	BR24581-78-61	18.00	16.82	80.00	Std. Sch. .375 Wall	425	350
	696	78	41	BR24696-78-41	25.00	16.82	54.00	150# Flange	550	225**
	696	78	61	BR24696-78-61	18.00	16.82	67.00	Std. Sch. .375 Wall	375	350
	768	78	41	BR24768-78-41	25.00	16.51	46.00	150# Flange	500	225**
	768	78	61	BR24768-78-61	18.00	16.44	59.00	Std. Sch. .375 Wall	350	350
20	624	80	41	BR24624-80-41	27.50	17.51	67.38	150# Flange	700	225**
	624	80	61	BR24624-80-61	20.00	17.44	80.00	Sch. 20 .375 Wall	500	300
	689	80	41	BR24689-80-41	27.50	17.51	59.38	150# Flange	650	225**
	689	80	61	BR24689-80-61	20.00	17.44	72.00	Sch. 20 .375 Wall	450	300
	793	80	41	BR24793-80-41	27.50	17.51	46.38	150# Flange	600	225**
	793	80	61	BR24793-80-61	20.00	17.44	59.00	Sch. 20 .375 Wall	400	300
24	570	84	41	BR24570-84-41	32.00	19.51	87.00	150# Flange	900	225**
	570	84	61	BR24570-84-61	24.00	19.44	99.00	Sch. 20 .375 Wall	700	250†
	656	84	41	BR24656-84-41	32.00	19.51	73.00	150# Flange	850	225**
	656	84	61	BR24656-84-61	24.00	19.44	85.00	Sch. 20 .375 Wall	600	250†
	743	84	41	BR24743-84-41	32.00	19.51	61.00	150# Flange	800	225**
	743	84	61	BR24743-84-61	24.00	19.44	73.00	Sch. 20 .375 Wall	550	250†
30	521	90	41	BR24521-90-41	38.75	22.51	113.25	150# Flange	1600	225**
	521	90	61	BR24521-90-61	30.00	22.44	127.00	Std. Sch. .375 Wall	1050	250†
	590	90	41	BR24590-90-41	38.75	22.51	99.25	150# Flange	1500	225**
	590	90	61	BR24590-90-61	30.00	22.44	113.00	Std. Sch. .375 Wall	1000	250†
	658	90	41	BR24658-90-41	38.75	22.51	85.24	150# Flange	1400	225**
	658	90	61	BR24658-90-61	30.00	22.44	99.00	Std. Sch. .375 Wall	900	250†
	727	90	41	BR24727-90-41	38.75	22.51	71.25	150# Flange	1300	225**
	727	90	61	BR24727-90-61	30.00	22.44	85.00	Std. Sch. .375 Wall	800	250†