

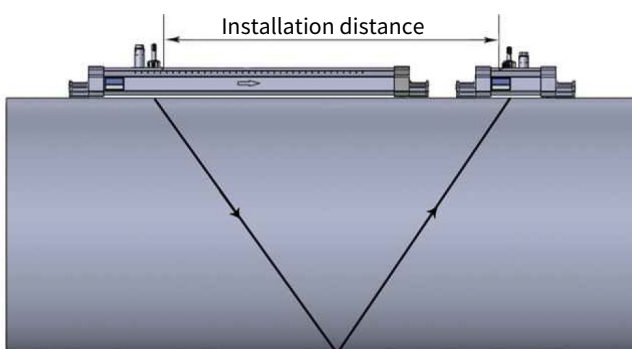
| Choose Installation Optional |

Schematic diagram	Installation
	<p>Clamp on transducer</p> <p>Easy to install and no need to cut off the flow, no pressure loss.</p> <p>Different transducer from DN15 ... DN6000.</p> <p>Different transducer for temperautre -30 ... 160°C.</p>
	<p>Bracket mounting</p> <p>Reduces installation time, improve installation accuracy.</p> <p>Easy installation no need cut the flow, no pressure loss.</p> <p>Different transducer from DN15 ... DN700.</p> <p>Different transducer for temperautre -30 ... 160°C.</p>

| How to Use the Extension Bracket |

V-method Installation

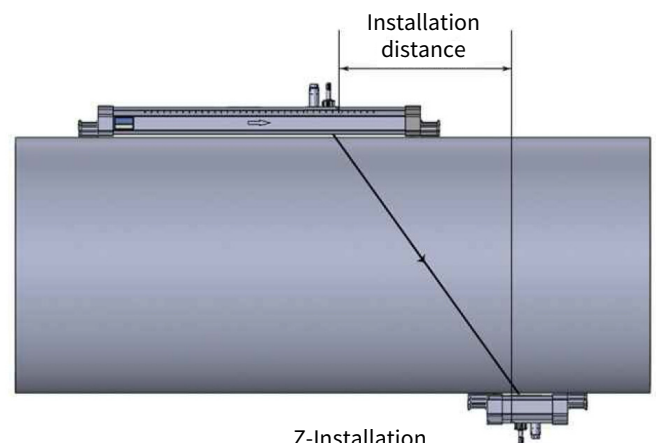
V-method installation is the moswidely used mode for daily measurement with pipe inner diameters ranging from 15 millimeter to 200 millimeter. It is also called reflective mode or method.



V-Installation

Z-method Installation

Z-method is commonly used when the pipe diameter is between 300 millimeters and 500 millimeters.



Z-Installation

| Optional Transducer |

Type	Picture	Size	Model	Measuring range	Temp.	Dimension (mm)
Standard clamp on type		Small	CS	DN15 ... DN100	-30 ... 90°C	45x25x32
		Medium	CM	DN50 ... DN700	-30 ... 90°C	64x39x44
		Large	CL	DN300 ... DN6000	-30 ... 90°C	97x54x53
Standard bracket type		Small	BS	DN15 ... DN100	-30 ... 90°C	318x59x85
		Medium	BM	DN50 ... DN300	-30 ... 90°C	568x59x85
		Large(without sensor)	BE	DN300 ... DN700	-30 ... 90°C	188x59x49

| Ordering Guide |

	NO1. Sensor		NO2. Sensor		NO3. Sensor
HFUM	CS	—	CM	—	N
	CS : Small standard clamp (DN15 ... DN100 mm)		CS : Small standard clamp (DN15 ... DN100 mm)		CS : Small standard clamp (DN15 ... DN100 mm)
	CM : Medium standard clamp (DN50 ... DN700 mm)		CM : Medium standard clamp (DN50 ... DN700 mm)		CM : Medium standard clamp (DN50 ... DN700 mm)
	CL : Large standard clamp (DN300 ... DN6000 mm)		CL : Large standard clamp (DN300 ... DN6000 mm)		CL : Large standard clamp (DN300 ... DN6000 mm)
	BS : Small standard bracket (DN15 ... DN100 mm)		BS : Small standard bracket (DN15 ... DN100 mm)		BS : Small standard bracket (DN15 ... DN100 mm)
	BM : Medium standard bracket (DN50 ... DN300 mm)		BM : Medium standard bracket (DN50 ... DN300 mm)		BM : Medium standard bracket (DN50 ... DN300 mm)
			BE : Extension bracket (Max : DN700 mm, without sensor, need to match medium bracket BM)		BE : Extension bracket (Max : DN700 mm, without sensor, need to match medium bracket BM)
			N : None		N : None

| Additional Option Test Report | For more detailed information please contact us.

■ ILAC / TAF

YUDEN-TECH CO.,LTD. Calibration Laboratory - (ILAC / TAF) Test report.

(TAF accreditation : 3032, complying with ISO / IEC 17025) TAF has mutual recognition arrangement with ILAC MRA

Project	Measurand level or range
Flow transmitter	Water flow rate : 2.54 m ³ /h ...30 m ³ /h (42.3 L/min ... 500.0 L/min)
	Water flow velocity : 0.2 m/s ... 3 m/s

■ ISO 9001

Project	Measurand level or range
Air velocity / Air volume	Air velocity : ≤ 120 m/s
	Air volume : 0.5 m ³ /h ... 1000 m ³ /h

* Calibration Condition : Measuring tube DN40 (1.5"), DN80 (3")