

FIG 175 3 WAY VENT COCK

FEATURES & BENEFITS

The NABIC Fig 175 Three Way Vent Cock has been designed for use on vented hot water systems, to ensure there is a permanent connection from the boiler or calorifier to atmosphere. Fitting a Fig 175 allows the use of a single common vent pipe and permits continued operation of the system whilst maintenance is carried out on an individual unit.

- Size Range: DN20 - DN65
- Boiler connection permanently open
- No water loss on change over
- Dezincification materials
- DN65 available with flanged boiler and vent connections



PRESSURE RATINGS & TEMPERATURE RANGE

MAX PRESSURE (bar)	MIN - MAX SET TEMPERATURE (°C)
7	-20 to 100

MEDIUM

Hot water.

DIMENSIONS & WEIGHTS

SIZE DN	Rp BSP Inlet / Outlet	A (mm)	B (mm)	C (mm)	D (mm)	WEIGHTS (kg)
20	3/4"	95	38	80	32	1.40
25	1"	108	46	95	35	2.0
32	1 1/4"	127	59	103	43	3.20
40	1 1/2"	146	67	120	54	4.80
50	2"	165	78	146	61	8.20
65	2 1/2"	181	89	175	70	11.30
65 Flg	Flange	205	89	175	70	16

PIPE CONNECTIONS

Female end connections BSP to BS EN 10226-1. Rp 3/4", Rp 1", Rp 1 1/4", Rp 1 1/2", Rp 2", Rp 2 1/2".

PRODUCT TESTING

All valves are 100% production tested.

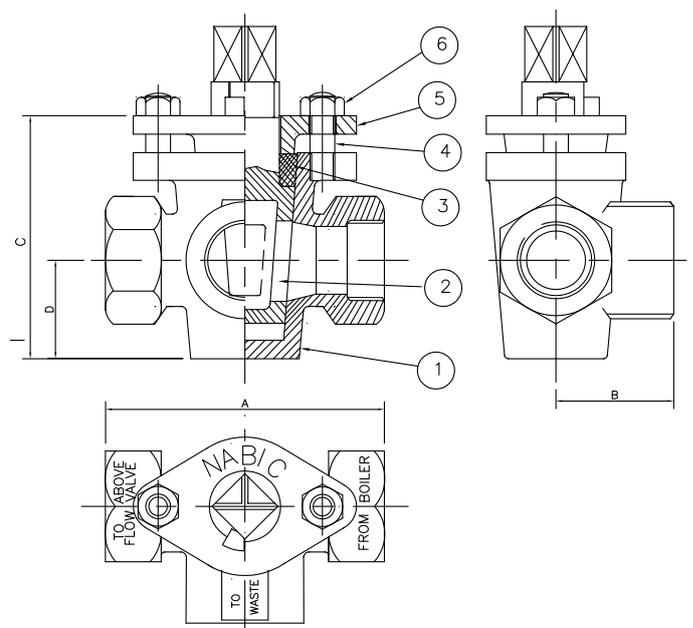
CONSTRUCTION

A stop incorporated in the gland locates with the plug to ensure that the boiler connection is always open to atmosphere, either via the vent or the drain. Fig 176 malleable iron operating keys, designed to fit the plug squares, can be supplied if required.

PART NAME & MATERIALS

ITEM NO.	PART NAME	MATERIAL
1	Body	BS EN 1982:1999 CB491K
2	Plug	BS EN 1982:1999 CB491K
3	Packing	Approved type
4	Stud	BS EN 12164:1998 CW609N
5	Gland	BS EN 1982:1999 CB491K
6	Nut	BS EN 12164:1998 CW609N

DIMENSIONAL DRAWING



APPROVALS



FM 00311 EMS 553775



SIZING

To provide adequate emergency steam relief capability, vented hot water systems require the fitting of a suitably sized vent pipe in addition to a safety relief valve (Fig 542). The following sizes are specified in BS 779, BS 853 & BS 855.

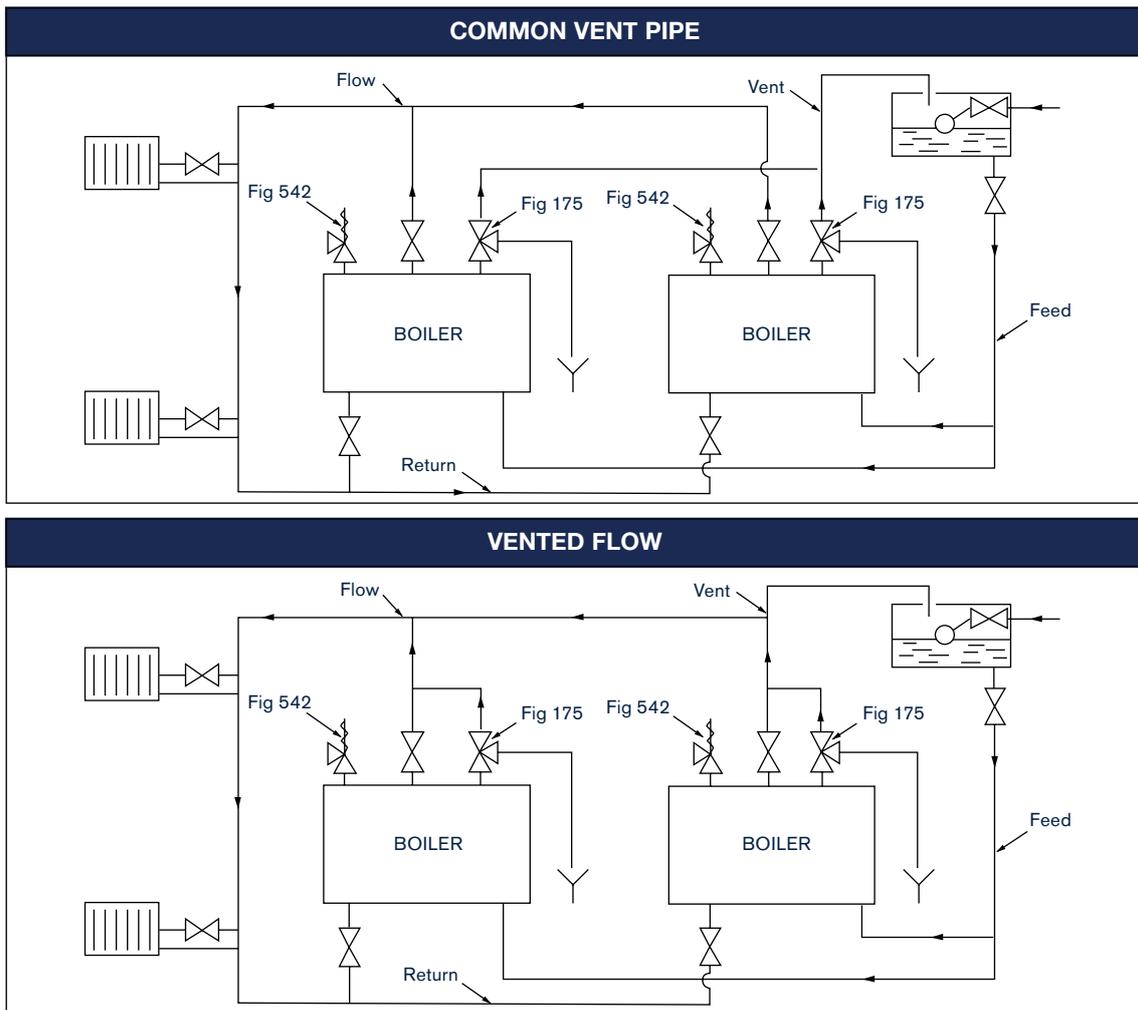
VENT PIPE						
SIZE	*DN20	DN25	DN32	DN40	DN50	DN65
kW	44	60	150	300	600	above 600

To convert to Btu/hr multiply by 3,400.

*The minimum size of vent pipe permitted by the above BS specifications is 25mm.

The rating given for the DN20 size is only for applications outside the scope of these standards.

INSTALLATION



In both types of installation, there must be no isolating valve fitted between the Fig 175 and the boiler, vent pipe or drain.

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