



H16

Irrigation Hydrant
Type H

Product Description

DENZ H16 H Type Irrigation Hydrant has hydraulically operated control valves on its outlets. This function enables the user to remotely operate solenoid valves or a small two-way valve to remotely open or close the hydrant on-site. It is also known as Hydraulic Irrigation Hydrant.

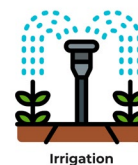
To avoid damage from freezing, hydrants contain an automated drainage valve that bleeds the body when the hydrant is closed.

The body's internal pressure regulator maintains a consistent pressure, and flow limiters on the outlets give the farmer a constant flow rate. More than one farmer can be supplied from a single hydrant thanks to the availability of one or two outlet options.



Versions & Accessories	1 Outlet
	2 Outlet
	Pressure Regulator
	Solenoid Valve
	Flow Limiter
	Ultrasonic Flowmeter can be adapted to this model (Refer DENZ O11)
	Inlet Strainer (Filter)
	Short Type
	Long Type

Production References	
Size Range	DN100
Pressure Range	PN10-16
Design Standard	EN 14267
Flange Drillings	EN 1092-2
Coating	Electrostatic Powder Epoxy
Testing	EN 12266
Marking	EN 19
Operation	Handwheel
Temperature	-10 °C to + 80 °C

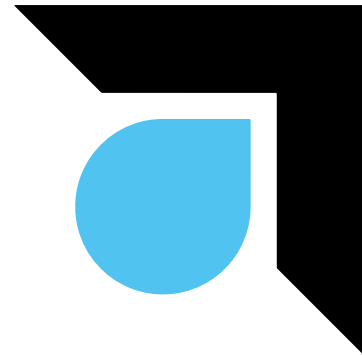




Product Features

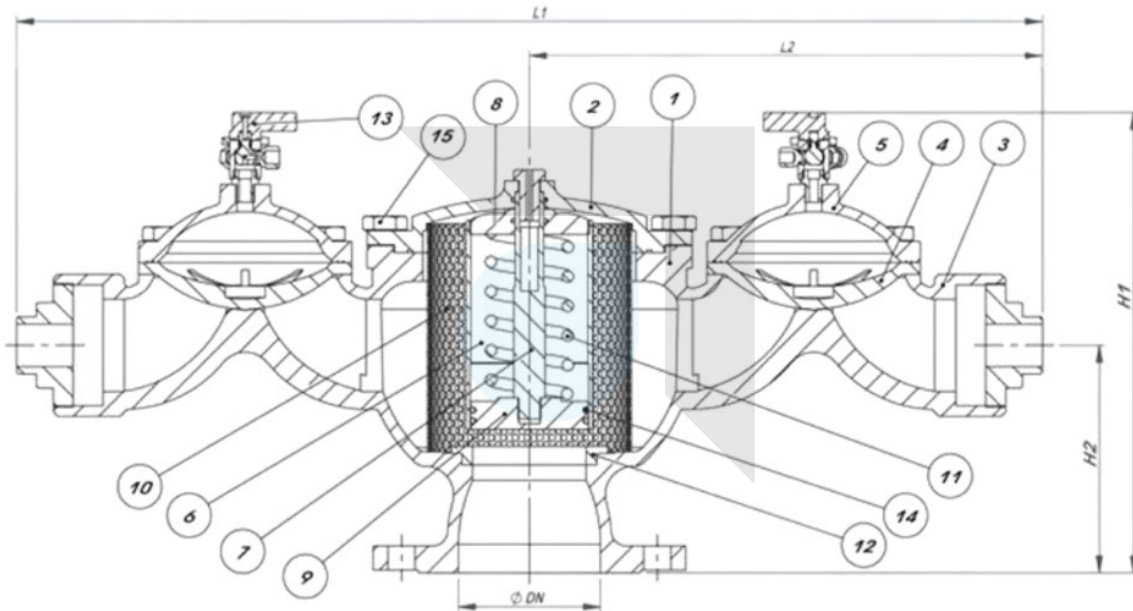


- Can be operate as a valve
- Can supply to several lines
- Unique and reliable design
- Easy installation and low maintenance cost
- Automation features can be added to this model
- Adjustable pressure rating (3,5 bars to 9,5 bars)
- Easy open/close at high pressure
- Limits flow
- Delimits and facilitates the water with its equipped integral and water-meter.
- 2-15 L/second (ask for information)
- On / off operation for each individual outlet
- It can be put together quickly and easily, even on a hill (no moving parts).
- Low pressure lost





Materials & Dimensions



#	Part	Material
1	Hydrant Body	Ductile Iron EN-GJS-400 / GGG40
2	Hydrant Cover	Ductile Iron EN-GJS-400 / GGG40
3	Diaphragm Valve Body	Ductile Iron EN-GJS-400 / GGG40
4	Diaphragm	Neoprene Court Fabric Rubber
5	Diaphragm Valve Cover	EN-GJS-400/500
6	Piston Bearings	Stainless Steel AISI 304 / 316 / 420
7	Piston Rod	Stainless Steel AISI 304 / 316 / 420
8	Piston Cover	Stainless Steel AISI 304 / 316 / 420
9	Piston	Stainless Steel AISI 304 / 316 / 420
10	Filter	Stainless Steel AISI 304 / 316 / 420
11	Spring	Stainless Steel AISI 304 / 316 / 420
12	Bush	Bronze
13	Open/Close Valve	-
14	O-Ring	EPDM / NBR / VITON / SILICONE

#	L1	H1	KG	KG
Single Outlet	330	320	32	52
Double Outlet	660	320	38	54

Units: mm / indicative dimensions & weights