

DIRECT-CONNECT TYPE – SWEAT AND NPT MODELS



13S16-102

FEATURES

- Lever for manual open (normally closed valves only).
- Auxiliary switch (optional).
- Return spring design – stainless steel for long life.
- Plastic molded cover provides extra protection from moisture.
- Swing-type ball valve made from EPDM (Ethylene Propylene Polymer).
 - Rotating design results in less wear on valve.
 - Raised ball design ensures positive valve closure and even surface wear.
- Valve body & crank arm assemblies each made from one-piece cast brass construction.
- Gears made from heavy 14 gauge brass for durable long life.
- Valve assembly design includes a recessed “O” ring for positive sealing.
- Not for steam systems

SPECIFICATIONS

Voltage	24 VAC
Frequency	50 / 60 Hz
Connection	18" leads
Flow Capacity	3.5 Cv
Close-off Pressure	20 PSI
Maximum Pressure	142 PSI
Maximum Temperature	110°C (230°F)
Motor	Electric synchronous, spring return
Positioning	2-way, straight through

SWEAT

Model Number	Canada Model Number	Pipe Connection	Pipe Size	Auxiliary Switch	Flow Capacity Cv ②	De-Energized Position	Honeywell Cross Reference	Erie Cross Reference
13S16-101	ZSW12NCA	Sweat	1/2"	Yes	3.5	NC	V8043G1000, V8043E1004	VT2213G13A02A
13S16-102	ZSW34NCA	Sweat	3/4"	Yes	3.5	NC	V8043G1018, V8043E1012	VT2213G13A02A
13S16-103	ZSW1NCA	Sweat	1"	Yes	3.5	NC	V8043G1026, V8043E1020	VT2415G13A02A
13SH16-102	–	Sweat	3/4"	Yes	7.0	NC	–	–
13SH16-103	ZSW1NCA7C	Sweat	1"	Yes	7.0	NC	V8043G1158 ①, V8043E1079 ①	VT2417G13A02A ①

① Valve is 8.0 Cv
② GPM @ 1 PSI drop

NPT

Model Number	Canada Model Number	Pipe Connection	Pipe Size	Auxiliary Switch	Flow Capacity Cv ②	De-Energized Position	Honeywell Cross Reference	Erie Cross Reference
13N16-101	ZNPT12NCA	NPT	1/2"	Yes	3.5	NC	–	VT2223G13A02A
13N16-102	ZNPT34NCA	NPT	3/4"	Yes	3.5	NC	V8043G1109, V8043E1145	VT2323G13A02A
–	ZNPT34NC	NPT	3/4"	No	3.5	NC	–	–
–	ZNPT34NO	NPT	3/4"	No	3.5	NO	V8043B1076, V8043O1031	VT2323G23A02O
13N16-103	ZNPT1NCA	NPT	1"	Yes	3.5	NC	–	VT2427G13A02A

13A00 CROSS REFERENCE

13A01-101	13S16-101	Replacement has Auxiliary Switch and No Conduit Hub
13A01-102	13S16-102	
13A02-101	13S16-101	Replacement has Leads Instead of Push-In Terminals
13A02-102	13S16-102	
13A03-112	13S16-102	Replacement has No Conduit Hub

☼ Indicates Canadian Model Number: call 1-800-305-6953 to order