

STRD ROUND HEAVY DUTY DAMPER

SUBMITTAL



STRD

Heavy Duty Round Supply Damper
Part # STRD

DESCRIPTION

The **STRD** is a fully modulating pressure dependent supply air damper. The dampers are available from 20", 22" and 24" round, with a maximum pressure differential of 2.5" W.C.

STRD dampers feature a round frame and triple V blades for automatic air control.

Damper cylinders and blades are fabricated from 16 gauge steel. Each damper is built with low leakage seals and stainless steel bearing.

STRD dampers feature 24V ac, full stall motors which do not require end switches. Each damper is controlled by its respective zone thermostat.

STRD dampers can be paralleled to provide additional CFM capacity when required.

Damper actuators can be easily removed from damper for servicing and motor inspection. Each actuator hat section is insulated to prevent condensation. The actuator allows for minimum and maximum stops for air balance.

TECHNICAL DATA

Electrical:

Supply Voltage: 24vac

Power consumption: 2 VA maximum (1.5W)

Environmental:

Operating temperature: 25 to 180° F (-32 to -83°)

Operating humidity: 10-95% non-condensing

Storage temperature: -25 to 180° F (-32 to -83°)

General:

Shell: 16 gauge cold rolled galvanized steel

Shaft: 1/2" dia. aluminum, hexagonal

Bushings: Synthetic

Actuator: Power Open / Power Close

Stroke: 90°

Pressure drop: < .04" W.C. @ rated CFM

Rev 5/13/19

Typical Capacities

	Diameter	Nominal CFM	Velocity FPM	ΔP "WC
STRD20	20"	2600	1200	.10
STRD22	22"	3250	1250	.10
STRD24	24"	4100	1350	.10

* Capacities are for reference only. Duct friction rate should be established by use of ACCA Manual D, Manual Q or equivalent.

Dimensional Data

	Diameter	Depth	Length	Width
STRD20	20"	20"	24"	27"
STRD22	22"	22"	24"	27"
STRD24	24"	24"	24"	27"

ORDERING INFORMATION

Part No.	Description
STRD20	Medium pressure zone damper, round, 20" diameter.
STRD22	Medium pressure zone damper, round, 22" diameter.
STRD24	Medium pressure zone damper, round, 24" diameter.

TERMINAL FUNCTIONS

