



Hydronix

Ducting systems for controlling the flow of bulk solids over Hydronix moisture sensors

Ducting Systems



GRAIN : FEED : NUTS : GRANULES

Overview

The Hydronix Ducting Systems are stainless steel units that have been designed to be inserted into either new or existing ducting. They ensure that a stable flow of granular material such as grain, rice and pulses is maintained over a Hydronix Hydro-Mix XT or a Hydro-Mix HT microwave moisture sensor (not supplied).

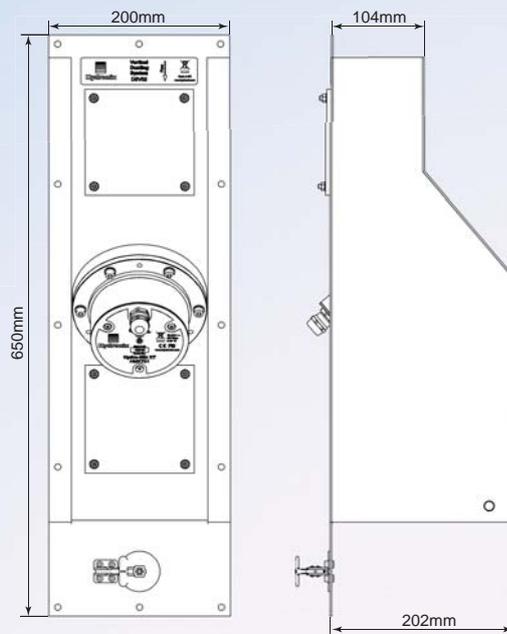
The Ducting Systems divert a portion of the main flow of material across the measuring surface of the sensor and are designed to be full and overflowing when the sensor is measuring. Each Ducting System comes with 3 different sized outlet baffles which can be inserted to achieve a stable flow.

The ducting system for each sensor is available in two versions, enabling installation into vertical ducting or angled ducting (30° - 50° to the vertical). Installation is simple just requiring a hole to be cut into the ducting where the Hydronix system is to be mounted.

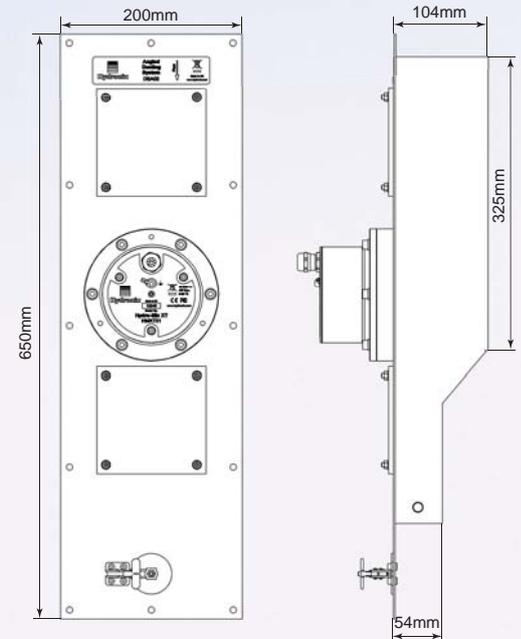
Both systems have material sampling points for sensor calibration purposes.

For best results a minimum flow rate of approximately 1kg per second is recommended depending on material type.

Ducting System Vertical



Ducting System Angled



Hydronix

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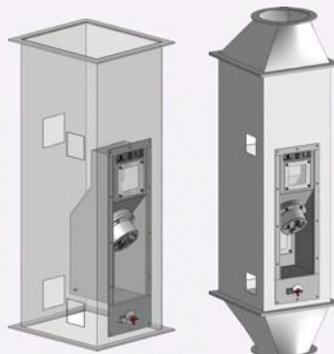
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Install in Square or Round Ducting



Part Number

Description

DSV02	HMXT Vertical Ducting
DSA02	HMXT Angled Ducting
DSVHT01	HMHT Vertical Ducting
DSAHT01	HMHT Angled Ducting

www.hydronix.com