



Rectangular Motorized Control Dampers

- Max. pressure: 4 in wg
- Max. air velocity: 3500 fpm
- Blade type: flat
- Switch action: normally open

These dampers connect to square ducts and include a damper actuator wired into the HVAC system that regulates the internal airflow. **Hat Channel** models do not have a flange. **Reversed Flange** have a 1 1/2" W flange.



Height (in)	Width (in)	For Nom. Length (in)	For Nom. Duct Dia. (in)	Nameplate Voltage	No. of Panels	Free Area (sq ft)	Item No.
Hat Channel							
Aluminum Frame with Galvanized Steel Blade							
11 3/4	11 3/4	14 1/2	12	100/240VAC	1	0.4	5NKK1
15 3/4	15 3/4	14 1/2	16	100/240VAC	1	1.1	5NKK2
19 3/4	19 3/4	14 1/2	20	100/240VAC	1	2.1	5NKK3
23 3/4	23 3/4	14 1/2	24	100/240VAC	1	3.2	5NKK4
29 3/4	29 3/4	14 1/2	30	100/240VAC	1	5.1	5NKK5
35 3/4	35 3/4	14 1/2	36	100/240VAC	1	7.6	5NKK6
41 3/4	41 3/4	14 1/2	42	100/240VAC	1	10.5	5NKK7
47 3/4	47 3/4	14 1/2	48	100/240VAC	1	13.9	5NKK8
Reversed Flange							
Aluminum Frame with Aluminum Blade							
15	15	12	—	100/240VAC	1	0.8	3HHP4
19	19	12	—	100/240VAC	1	1.7	4C560
23	23	12	—	100/240VAC	1	2.1	4C561
27	27	12	—	100/240VAC	1	3.6	3C315
33	33	13 1/4	—	100/240VAC	1	5.7	3C234
39	39	13 1/4	—	100/240VAC	1	8.3	3C131
45	45	13 1/4	—	100/240VAC	1	11.3	3C235
51	51	13 1/4	—	100/240VAC	1	14.8	3C132
57	57	12 3/4	—	24VDC; 240VAC	2	18.8	3C188
63	63	12 3/4	—	24VDC; 240VAC	2	23.3	3C189
Steel Frame with Galvanized Steel Blade							
15	15	12	—	100/240VAC	1	0.8	3HHP3
19	19	12	—	100/240VAC	1	1.7	3C725
23	23	12	—	100/240VAC	1	2.1	3C726
27	27	12	—	100/240VAC	1	3.6	3C727
33	33	13 1/4	—	100/240VAC	1	5.7	3C728
39	39	13 1/4	—	100/240VAC	1	8.3	3C729
45	45	13 1/4	—	100/240VAC	1	11.3	3C730
51	51	13 1/4	—	100/240VAC	1	14.8	3C731
57	57	12 3/4	—	24VDC; 240VAC	2	18.8	3C732
63	63	12 3/4	—	24VDC; 240VAC	2	23.3	3C733



Single-Panel Rear View 3C315



Single-Panel, Front View 3C725



Double-Panel, Front View 3C732

Rectangular Manual Control Dampers

- Max. pressure: 5 in wg
- Max. air velocity: 3000 fpm
- Blade type: v-groove
- Single panel

Models connect into rectangular HVAC ducts and control the air passing through them. They can be set to be fully open or fully closed but not partially open. Dampers are controlled by rotating the integrated shaft and can be upgraded with parts to automate their actuation.



Height (in)	Width (in)	Length (in)	Item No.
Hat Channel			
Galvanized Steel Frame with Galvanized Steel Blade			
9 3/4	9 3/4	5	2LRY6
13 3/4	11 3/4	5	2LRY7
13 3/4	17 3/4	5	2LRY8
13 3/4	15 3/4	5	2LRY8
23 3/4	23 3/4	5	2LRZ1



2LRY6

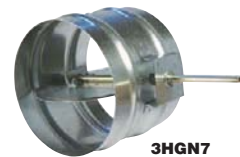
Round Manual Control Dampers

- Max. pressure: 4 in wg
- Max. air velocity: 3000 fpm
- Blade type: butterfly

These units install into round HVAC ducts and control the air passing through them. They can be set to be fully open or fully closed but not partially open. Dampers are controlled by rotating the integrated shaft and can be upgraded with parts to automate their actuation.



For Nom. Duct Dia. (in)	Length (in)	Item No.
Steel Frame with Galvanized Steel Blade		
8	14	3HGN7
6	14	3HGN7
12	14	3HGP1
10	14	3HGN9
14	14	3HGP2



3HGN7

Zoning Controls

- Nameplate voltage: 24V AC
- Housing color: gray

Models integrate with air handlers, dampers, and other HVAC equipment to provide targeted air treatment. Users can select which zones to target with treated air which reduces energy use and improves occupant comfort. These controls include the control stations, sensors, transformers, and other accessories.



Number of Zones	Requires Thermostat Type	Terminal Designations	Includes	Item No.
Control Kit				
3	1 Cool, 1 Heat	C, G, M1, M4, M6, R, RC, W, Y	AT140A1042 40 VA Transformer, AT175A1008 75 VA Transformer, DATS C7735A1000 Discharge Air Temperature Sensor (DATS), Slave Damper Control Relay	2GYD9 *
3	2 Heat, 2 Cool	C, G, L, M1, M4JM6, O/B, R, Rc, W, W1/E, W2, Y, Y1, Y2	AT140A1042 40 VA transformer, DATS C7735A1000 Discharge Air Temperature Sensor	279C27 †
4	2 Cool, 3 Heat	C, G, L, M1, M4JM6, O/B, R, Rc, W, W1/E, W2, Y, Y1, Y2	HZ432 Zone Panel, Transformer and Discharge Air Sensor	2GYE1 *
Zone Panel				
3	1 Cool, 1 Heat	C, G, M1, M4, M6, R, RC, W, Y	AT140A1042 40 VA Transformer, AT175A1008 75 VA Transformer, DATS C7735A1000 Discharge Air Temperature Sensor (DATS), Slave Damper Control Relay	2GYD8 *
3	2 Cool, 2 Heat	C, G, L, M1, M4JM6, O/B, R, Rc, W, W1/E, W2, Y, Y1, Y2	AT140A1042 40 VA transformer, DATS C7735A1000 Discharge Air Temperature Sensor	2GYD6 *
4	2 Cool, 3 Heat	C, G, L, M1, M4JM6, O/B, R, Rc, W, W1/E, W2, Y, Y1, Y2	HZ432 Zone Panel, Transformer and Discharge Air Sensor	2GYD5 *

*Honeywell Home. †Honeywell.

Combustion Air Vent Dampers

- Nameplate voltage: 24V DC
- Switch action: normally open

These models are placed into the exhaust section of a combustion system and open and close to allow exhaust gases to escape. They open at the start of a combustion cycle and close once complete. This ensures combustion equipment runs safely while keeping conditioned air inside the structure when not in use.



For Nom. Duct Dia. (in)	Length (in)	Item No.
Stainless Steel Frame with Stainless Steel Blade		
4	6 1/2	45DX53
5	6 1/2	45DX54
6	6 1/2	45DX55
7	7 1/2	45DX56
8	8 1/2	45DX57
10	10 1/2	45DX58



Fresh Air Intake Dampers

- Nameplate voltage: 24V DC
- Switch action: normally open

Dampers are installed near the opening of an HVAC or combustion system to regulate airflow and are commonly used to help balance the combustion makeup air.



For Nom. Duct Dia. (in)	Length (in)	Item No.
Steel Frame with Galvanized Steel Blade		
6	4 1/2	48KT66
8	4 1/2	48KT67
Replacement Actuator		
24V DC, For use with Grainger Nos. 48KT66, 48KT67, Mfr. No. Eard		5 3/8 48KT69



Zone Control Dampers

- Nameplate voltage: 24V DC



These dampers control airflow to different parts or zones of a building. They are commonly installed as part of a central air system to improve system efficiency and occupant comfort.

For Nom. Duct Dia. (in)	Length (in)	Brand	Item No.
Frame with Galvanized Steel Blade			
8	11	Honeywell	279C24
14	16	Honeywell Home	2GZA1
Steel Frame with Galvanized Steel Blade			
5	4 1/2	Honeywell Home	48KT55
6	6 1/4	Honeywell Home	48KT56
8	4 1/2	Honeywell Home	48KT58
9	4 1/2	Honeywell Home	48KT59
10	4 1/2	Honeywell Home	48KT60
12	12 1/2	Honeywell Home	48KT61
14	4 1/2	Honeywell Home	48KT62
16	4 1/2	Honeywell Home	48KT63
Replacement Actuator			
24V DC, For use with Grainger Nos. 279C19, 48KT55, 48KT56, 48KT57, 48KT58, 48KT59, 48KT60, 48KT61, 48KT62, 48KT63, 48KT64, 48KT65, Mfr. No. Ard, Mfr. No. Ardtz, Mfr. No. Zd, Mfr. No. Zdtz			
			48KT68



48KT60