

E3T 2015 Commercial HVAC TAG Rating and Ranking Results

E3TNW ID #	Technology Title	Rank	Mean	Max Value	Min Value	Total Responses
101	ECPM Motors for Single Phase HVAC Fan Applications	1	3.74	5	2	19
200	Variable Refrigerant Flow (VRF) Heat Pumps	3	3.70	5	2	20
246	Advanced Design Rooftop Unit	3	3.70	5	2	20
338	Rooftop Unit Advanced Controls	3	3.70	5	1	20
291	Circulating Hot and Chilled Water Pumps with Variable Speed ECPM Motors	5	3.58	5	2	19
332	Variable-Speed Split System Heat Pump	7	3.50	5	0	20
155	Demand-Controlled Ventilation for Commercial Kitchens	7	3.50	5	0	20
166	Demand-Controlled Ventilation	8	3.30	5	1	20
	Q-Sync Motors* (see below)	9	3.27	4	2	15
620	High-Volume, Low-Speed Fan Technology	11	3.20	5	2	20
53	Using Lighting Occupancy Sensors in Offices to Control HVA	11	3.20	5	0	20
20	Heat Recovery Ventilator for Commercial Application	13	3.10	5	1	20
74	Radiant Heating and Cooling with Dedicated Outside Air System (DOAS)	13	3.10	5	0	20
907	Auto Sash Fume Hoods for Laboratories	14	3.00	4	1	15
109	Centrifugal Chiller Compressors with Magnetic Bearings and Variable Speed Control	15	2.95	5	1	20
163	HVAC Embedded Fault Detection and Diagnostics	16	2.89	5	0	19
293	Commercial/ Industrial CO2 Heat Pumps	17	2.85	5	0	20
102	Mechanical Nighttime Ventilation Cooling	18	2.80	5	0	20
316	Active Chilled Beam Heating and Cooling	19	2.68	5	0	19
240	Smart Residential Thermostat	20	2.60	5	0	20
461	Energy Recovery Ventilator with Heat and Membrane Humidity Exchangers for Commercial Application	21	2.58	4	1	19
59	Hybrid Direct Expansion With Evaporative Pre-Coolin	22	2.56	5	0	18
177	Fanwall Technology	23	2.50	4	0	18
905	Predictive HVAC Optimization	24	2.44	4	0	18
902	Exhaust hood heat recovery	25	2.35	5	0	20
192	Thermal Energy Storage	26	2.30	5	0	20
904	Swimming Pool Chlorine Exhaust Systems	27	2.28	4	0	18
901	Advanced Personal Comfort Systems	28	1.75	4	0	20
906	Socially Driven HVAC Control System	29	1.56	4	0	18

Featured in Webinar #1, April 8

Featured in Webinar #2, April 14

*Q-Sync Motors will be featured as part of E3TNW ID# 431, Permanent Magnet Motors

scoring value	answer
0	I do not support this technology
1	I support this technology with significant reservations
2	I mildly support this technology
3	I support this technology
4	I strongly support this technology
5	My support for this technology is enthusiastic and unqualified