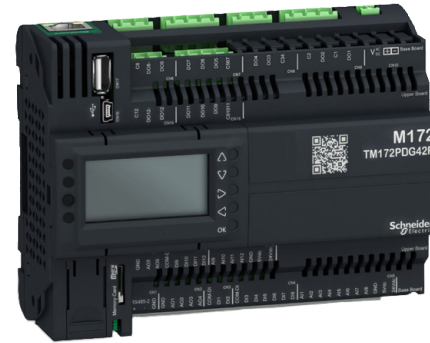


Control & Connectivity

A variety of display and control options are available to meet diverse application needs. For tailored solutions, please contact your ebm-papst representative.

Selected available options include:



Modbus display and controller:
Offers auto-addressing for up to 100 EC fans. It can operate as a display-only unit, a stand-alone controller, or integrate seamlessly with a Building Management System (BMS). Equipped with dual Modbus interfaces, it enables simultaneous communication with both fans and the BMS. The controller supports four operating modes:

- Display of fan operating data
- Manual Control via keypad and BMS
- Sensor-based control for constant volume or constant pressure
- Modbus relay mode for individual fan communication

BACnet gateway:
Enables seamless integration of Modbus fans into BACnet protocol Building Management Systems, supporting both BACnet MS/TP and BACnet/IP.

The gateway supports monitoring of up to 18 fans. In the event of a fan fault, the system automatically issues warning or error notifications.



Potentiometer:
for manual speed control (set and forget) or commissioning tool.

Differential pressure controller:
maintain constant pressure or air flow. Including display of Pa or m3/h.

Intelligate Touch:
monitor, visualise and control connected EC products via an easy to use touch screen.

EC plug fans *in stock.*

Ideal for a wide range of applications including ventilation systems, air handling units, air conditioning systems, fan coil units, and fan arrays.

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Learn more at: www.ebmpapst.au

2025-03

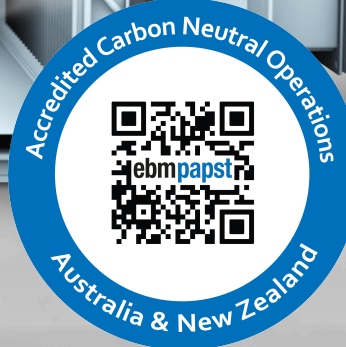
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EC plug fans and Blowers *in stock.*

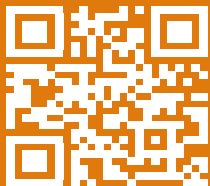
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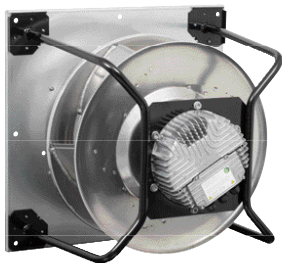
		Impeller	Mounting Arrangement ^{*1}	Voltage	Power Supply	Corrosion Protection ^{*2}	Power Input ^{*3}	Maximum Current ^{*3}	Min. Ambient Temp	Max. Ambient Temp ^{*4}	N Level	Standard Onboard Control Options ^{*5}	Onboard Vibration Sensor	AMCA Certified MID	Approx Weight	Lead or JB	FlowGrid P/N	FlowGrid Insert Guard Grille
Material Code	Type Code	[VAC]		[W]		[A]	[°C]	[°C]	[kg]									
K3G250PR04H2	VBH0250PSPGS	RadiPac 2	S	200-277	1~	Standard	500	2.3	-25	45	81.3	0-10 V & Modbus	-	-	8	Lead	20280-2-2957	-
K3G250PR17I9	VBH0250PSPGZ	RadiPac 2	S	200-277	1~	Standard	750	3.3	-40	45	79.1	0-10 V & Modbus	-	-	9	Lead	20280-2-2957	-
8317081239	VBH0250PTPGZ	RadiPac 2	S	380-480	3~	Standard	1160	1.8	-25	60	76.3	0-10 V & Modbus	-	Yes	10	Lead	20280-2-2957	-
8317082254	VBH0310PTRLZ	RadiPac 2	S	380-480	3~	Standard	3050	4.7	-40	40	65.4	0-10 V & Modbus	-	Yes	21	JB	25310-2-2957	-
8300100961	VBH0310CTRLZ	RadiPac C	S	380-480	3~	High	2750	4.3	-40	40	76.8	0-10 V & Modbus	Yes	Yes	21	JB	25310-2-2957	-
8317082255	VBH0355PTRLZ	RadiPac 2	S	380-480	3~	Standard	2900	4.4	-40	45	70.7	0-10 V & Modbus	-	Yes	23	JB	00400-2-2957	8217102438
8300100958	VBH0355CTRLZ	RadiPac C	S	380-480	3~	High	2750	4.3	-40	40	78.7	0-10 V & Modbus	Yes	Yes	24	JB	00400-2-2957	8217102438
8317085278	VBH0400STRLS	RadiCal 2	S	380-480	3~	Standard	2100	3.3	-40	40	77.5	0-10 V & Modbus	-	-	21	JB	00400-2-2957	8217102438
8300101256	VBH0400CTRNS	RadiPac C	S	380-480	3~	High	3600	5.5	-40	40	79.1	0-10 V & Modbus	Yes	Yes	28	JB	00400-2-2957	8217102438
8300100949	VBH0400CTTLZ	RadiPac C	S	380-480	3~	High	4500	6.9	-40	40	86.6	0-10 V & Modbus	Yes	Yes	31	JB	00400-2-2957	8217102438
8317077713	VBH0450PTTLZ	RadiPac 2	S	380-480	3~	Standard	4450	6.8	-40	45	73	0-10 V & Modbus	-	Yes	36	JB	35505-2-2957	8217102439
8300100945	VBH0450CTTPZ	RadiPac C	S	380-480	3~	High	6300	9.9	-40	40	75.7	0-10 V & Modbus	Yes	Yes	41	JB	35505-2-2957	8217102439
8317081582	VBH0500STTLS	RadiCal 2	S	380-480	3~	Standard	2850	4.4	-40	40	76.8	0-10 V & Modbus	-	-	36	JB	35505-2-2957	8217102439
8317077714	VBH0500PTTPZ	RadiPac 2	S	380-480	3~	Standard	3900	6.0	-40	45	74.7	0-10 V & Modbus	-	Yes	42	JB	35505-2-2957	8217102439
K3G500PB3331	VBH0500PTTPS	RadiPac 2	S	380-480	3~	High	5700	9.0	-25	40	71.7	0-10 V & Modbus	-	-	50	JB	35505-2-2957	8217102439
8300100943	VBH0500CTTRZ	RadiPac C	S	380-480	3~	High	6210	9.6	-40	40	76.6	0-10 V & Modbus	Yes	Yes	50	JB	35505-2-2957	8217102439
8317080555	VBH0560STTLS	RadiCal 2	S	380-480	3~	Standard	3950	6.0	-40	40	77.1	0-10 V & Modbus	-	-	40	JB	00630-2-2957	8217102437
8317077715	VBH0560PTTPZ	RadiPac 2	S	380-480	3~	Standard	4250	6.5	-40	40	74.1	0-10 V & Modbus	-	Yes	52	JB	00630-2-2957	8217102437
K3G560PC0431	VBH0560PTTRS	RadiPac 2	S	380-480	3~	High	5000	7.7	-25	50	73.3	0-10 V & Modbus	-	-	64	JB	00630-2-2957	8217102437
8300100942	VBH0560CTTRZ	RadiPac C	S	380-480	3~	High	6500	10.0	-40	40	77.6	0-10 V & Modbus	Yes	Yes	55	JB	50710-2-2957	8217102436
8317084598	VBH0630STTPZ	RadiCal 2	S	380-480	3~	Standard	3190	4.9	-40	55	77.5	0-10 V & Modbus	-	-	51	JB	00630-2-2957	8217102437
8300100936	VBH0630CTTRZ	RadiPac C	S	380-480	3~	High	5850	9.0	-40	40	78.2	0-10 V & Modbus	Yes	Yes	60	JB	00630-2-2957	8217102437
8300100379	VBf0630PTVNS	RadiPac 2	C	380-480	3~	Standard	8000	12.3	-40	40	69.8	0-10 V & Modbus	Yes	-	90	JB	00630-2-2957	8217102437
8300100380	VBf0710PTVQS	RadiPac 2	C	380-480	3~	Standard	8000	12.3	-40	40	71	0-10 V & Modbus	Yes	-	117	JB	50710-2-2957	8217102436
K3G800PT1301	VBf0800PTVTS	RadiPac 2	C	380-480	3~	Standard	8000	12.3	-40	40	70.9	0-10 V & Modbus	Yes	-	140	JB	63000-2-2957	-
D3G160HA0402	VHD0160XSPGS	Blower	B	200-277	1~	Standard	750	3.3	-25	60	53.2	0-10 V & Modbus	-	-	8	JB	7/7 T	-
D3G200HD0202	VHD0200XSPMS	Blower	B	200-277	1~	Standard	750	3.3	-25	60	60	0-10 V & Modbus	-	-	12	JB	7/7	-
D3G225IF1102	VHD0225XSPMS	Blower	B	200-277	1~	Standard	750	3.3	-25	40	58.8	0-10 V & Modbus	-	-	12	JB	9/7	-
D3G250HH0302	VHD0250XSPMS	Blower	B	200-277	1~	Standard	750	3.3	-25	40	59.1	0-10 V & Modbus	-	-	13	JB	9/9	-
D3G310GG0501	VCD0310FTRNS	Blower	B	380-480	3~	Standard	3180	4.9	-25	40	69.4	0-10 V & Modbus	-	-	29	JB	12/12	-
D3G355GG0301	VCD0355FTRNS	Blower	B	380-480	3~	Standard	3160	4.9	-25	40	70.6	0-10 V & Modbus	-	-	34	JB	15/15	-

Did you know our products are TM65 ready?

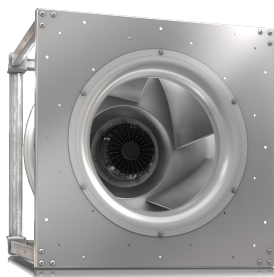
Data available on request



Mounting Arrangements ^{*1}



S: Spider Mount



C: Cube Design



B: Blower

^{*2} Fans with high corrosion protection are suitable for swimming pool or outdoor applications.

^{*3} Nominal data in operating point with maximum load.

^{*4} Higher operating ambient temperatures can be achieved by derating the fan speed. Contact ebm-papst for further details.

^{*5} Check data sheet for detailed wiring diagram.