



EXPLOSION-PROOF AIR CONDITIONERS



PACX Series Explosion-Proof Packaged Air Conditioners



(Packaged Air Conditioner with Optional Electric Heat)

FEATURES

- Available for NEC Class I, Groups B, C, or D and Class II, Groups E, F and G, Div. 1 and 2
- Safety Engineered for Hazardous Locations
- Capacities from 2 to 49 tons
- Sparkproof Welded Aluminum Fan Housings
- Totally Enclosed Motors for all Models
- Available with Built-in Pressurization Blowers **
- SaveCoil 101 Baked Protective Coil Coatings *
- Epoxy Protected or Stainless Steel Cabinets *
- Accessory Steam or Electric Heaters *
- Horizontal or Downflow Configuration
- Available in 50 Hz Models
- Head Pressure and Damper Controls *
- Pretested, Self Contained, Easy to Install

APPLICATIONS

- Petroleum Production, Refining and Transport
- Chemical and Pharmaceutical Plants
- Gas Pipeline Compressor Stations
- Offshore Platform Quarters and Control Rooms
- Hazardous Material Storage Buildings
- Painting and Solvent Use Areas
- Grain Transfer and Storage
- Ordnance Plants and Armories

DESCRIPTION

PACX Series Packaged Air Conditioners are self-contained, pre-assembled and pre-charged industrial quality units for use in areas classified as hazardous. A wide range of models meet the requirements of Articles 500 - 503 of the National Electrical Code (NEC) for equipment operated hazardous locations under Class I, Groups B, C, and D or Class II, Groups E, F, and G in Divisions 1 and 2. Every effort has been made to make PACX Series equipment safe, reliable and long lasting.

All units are easily field installed, requiring only minimal ductwork and a suitable power source. Models are offered in horizontal and downflow configurations for rooftop or ground level installation. When simultaneous building pressurization is required, PBX Series Combined Air Conditioning / Pressurization modules are recommended (**). A wide range of other options and accessories include steam or electric (Division 2 only) heaters, corrosion resistant epoxy finishes, SaveCoil 101 baked phenoxy coil coatings, head pressure controls, and particulate or gas phase air filter modules.

* Optional

** Request Bulletin AIPR2PSS



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Downflow Configuration

Model	Air		Voltage	MCA	Width	Length	Height	Weight	Price
	Cool	Flow							
	BTUH	CFM	Volts/Phase/Hz	Amps	Inches	Inches	Inches	Net Lbs	US \$
PACX-D-030-1-B-***	37400	1200	208-230/1/60	27	83.06	46.56	33.50	706	_____
PACX-D-030-1-C-***	37400	1200	208-230/3/60	18	83.06	46.56	33.50	711	_____
PACX-D-030-1-D-***	37400	1200	460/3/60	9	83.06	46.56	33.50	711	_____
PACX-D-040-1-B-***	49900	1600	208-230/1/60	36	83.06	46.56	33.50	724	_____
PACX-D-040-1-C-***	48900	1600	208-230/3/60	25	83.06	46.56	33.50	729	_____
PACX-D-040-1-D-***	48900	1600	460/3/60	12	83.06	46.56	33.50	729	_____
PACX-D-050-1-B-***	64000	2000	208-230/1/60	47	83.06	46.56	33.50	744	_____
PACX-D-050-1-C-***	62500	2000	208-230/3/60	31	83.06	46.56	33.50	749	_____
PACX-D-050-1-D-***	62500	2000	460/3/60	16	83.06	46.56	33.50	749	_____
PACX-D-062-1-C-***	75000	2500	208-230/3/60	37	87.06	49.56	35.00	800	_____
PACX-D-062-1-D-***	75000	2500	460/3/60	18	87.06	49.56	35.00	800	_____
PACX-D-075-1-C-***	92000	3000	208-230/3/60	43	87.06	49.56	35.00	859	_____
PACX-D-075-1-D-***	92000	3000	460/3/60	21	87.06	49.56	35.00	859	_____
PACX-D-075-2-C-***	90000	3000	208-230/3/60	42	87.06	49.56	35.00	946	_____
PACX-D-075-2-D-***	90000	3000	460/3/60	21	87.06	49.56	35.00	946	_____
PACX-D-085-2-C-***	106000	3400	208-230/3/60	49	94.31	63.31	49.00	1235	_____
PACX-D-085-2-D-***	106000	3400	460/3/60	29	94.31	63.31	49.00	1235	_____
PACX-D-100-2-C-***	125000	4000	208-230/3/60	56	94.31	63.31	49.00	1280	_____
PACX-D-100-2-D-***	125000	4000	460/3/60	30	94.31	63.31	49.00	1280	_____
PACX-D-125-2-C-***	155000	5000	208-230/3/60	72	107.31	70.81	50.00	1615	_____
PACX-D-125-2-D-***	155000	5000	460/3/60	32	107.31	70.81	50.00	1615	_____
PACX-D-150-2-C-***	183000	6000	208-230/3/60	82	107.31	70.81	50.00	1640	_____
PACX-D-150-2-D-***	183000	6000	460/3/60	37	107.31	70.81	50.00	1640	_____
PACX-D-175-2-C-***	210000	7000	208-230/3/60	100	122.31	84.81	54.00	1965	_____
PACX-D-175-2-D-***	210000	7000	460/3/60	47	122.31	84.81	54.00	1965	_____
PACX-D-200-2-C-***	246000	8000	208-230/3/60	123	122.31	84.81	54.00	2090	_____
PACX-D-200-2-D-***	246000	8000	460/3/60	53	122.31	84.81	54.00	2090	_____
PACX-D-250-2-C-***	290000	10000	208-230/3/60	132	122.31	84.81	54.00	2200	_____
PACX-D-250-2-D-***	290000	10000	460/3/60	57	122.31	84.81	54.00	2200	_____
PACX-D-275-2-C-***	330000	11000	208-230/3/60	156	180.31	90.06	70.44	3826	_____
PACX-D-275-2-D-***	330000	11000	460/3/60	70	180.31	90.06	70.44	3826	_____
PACX-D-300-2-C-***	360000	12000	208-230/3/60	177	180.31	90.06	70.44	3960	_____
PACX-D-300-2-D-***	360000	12000	460/3/60	79	180.31	90.06	70.44	3960	_____
PACX-D-350-2-C-***	420000	14000	208-230/3/60	182	180.31	90.06	70.44	4046	_____
PACX-D-350-2-D-***	420000	14000	460/3/60	82	180.31	90.06	70.44	4046	_____
PACX-D-400-2-C-***	480000	16000	208-230/3/60	243	232.94	90.06	77.00	5102	_____
PACX-D-400-2-D-***	480000	16000	460/3/60	110	232.94	90.06	77.00	5102	_____
PACX-D-490-2-C-***	587000	20000	208-230/3/60	277	232.94	90.06	77.00	5322	_____
PACX-D-490-2-D-***	587000	20000	460/3/60	125	232.94	90.06	77.00	5322	_____



EXPLOSION-PROOF AIR CONDITIONERS

Horizontal Airflow Configuration

Model	Air		Voltage	MCA	Width	Length	Height	Weight	Price
	Cool	Flow							
	BTUH	CFM	Volts/Phase/Hz	Amps	Inches	Inches	Inches	Net Lbs	US \$
PACX-H-020-1-B-***	24000	800	208-230/1/60	18	44.00	31.63	45.00	419	_____
PACX-H-025-1-B-***	30000	1000	208-230/1/60	23	44.00	31.63	45.00	439	_____
PACX-H-030-1-B-***	36000	1200	208-230/1/60	24	44.00	31.63	45.00	477	_____
PACX-H-035-1-B-***	42000	1400	208-230/1/60	28	44.00	31.63	45.00	518	_____
PACX-H-040-1-B-***	49900	1600	208-230/1/60	36	83.06	46.56	33.50	724	_____
PACX-H-040-1-C-***	48900	1600	208-230/3/60	25	83.06	46.56	33.50	729	_____
PACX-H-040-1-D-***	48900	1600	460/3/60	12	83.06	46.56	33.50	729	_____
PACX-H-050-1-B-***	64000	2000	208-230/1/60	47	83.06	46.56	33.50	744	_____
PACX-H-050-1-C-***	62500	2000	208-230/3/60	31	83.06	46.56	33.50	749	_____
PACX-H-050-1-D-***	62500	2000	460/3/60	16	83.06	46.56	33.50	749	_____
PACX-H-062-1-C-***	75000	2500	208-230/3/60	37	87.06	49.56	35.00	800	_____
PACX-H-062-1-D-***	75000	2500	460/3/60	18	87.06	49.56	35.00	800	_____
PACX-H-075-1-C-***	92000	3000	208-230/3/60	43	87.06	49.56	35.00	859	_____
PACX-H-075-1-D-***	92000	3000	460/3/60	21	87.06	49.56	35.00	859	_____
PACX-H-075-2-C-***	90000	3000	208-230/3/60	42	87.06	49.56	35.00	946	_____
PACX-H-075-2-D-***	90000	3000	460/3/60	21	87.06	49.56	35.00	946	_____
PACX-H-085-2-C-***	106000	3400	208-230/3/60	49	94.31	63.31	49.00	1235	_____
PACX-H-085-2-D-***	106000	3400	460/3/60	29	94.31	63.31	49.00	1235	_____
PACX-H-100-2-C-***	125000	4000	208-230/3/60	56	94.31	63.31	49.00	1280	_____
PACX-H-100-2-D-***	125000	4000	460/3/60	30	94.31	63.31	49.00	1280	_____
PACX-H-125-2-C-***	155000	5000	208-230/3/60	72	107.31	70.81	50.00	1615	_____
PACX-H-125-2-D-***	155000	5000	460/3/60	32	107.31	70.81	50.00	1615	_____
PACX-H-150-2-C-***	183000	6000	208-230/3/60	82	107.31	70.81	50.00	1640	_____
PACX-H-150-2-D-***	183000	6000	460/3/60	37	107.31	70.81	50.00	1640	_____
PACX-H-175-2-C-***	210000	7000	208-230/3/60	100	122.31	84.81	54.00	1965	_____
PACX-H-175-2-D-***	210000	7000	460/3/60	47	122.31	84.81	54.00	1965	_____
PACX-H-200-2-C-***	246000	8000	208-230/3/60	123	122.31	84.81	54.00	2090	_____
PACX-H-200-2-D-***	246000	8000	460/3/60	53	122.31	84.81	54.00	2090	_____
PACX-H-250-2-C-***	290000	10000	208-230/3/60	132	122.31	84.81	54.00	2200	_____
PACX-H-250-2-D-***	290000	10000	460/3/60	57	122.31	84.81	54.00	2200	_____
PACX-H-275-2-C-***	330000	11000	208-230/3/60	156	180.31	90.06	70.44	3872	_____
PACX-H-275-2-D-***	330000	11000	460/3/60	70	180.31	90.06	70.44	3872	_____
PACX-H-300-2-C-***	360000	12000	208-230/3/60	177	180.31	90.06	70.44	3960	_____
PACX-H-300-2-D-***	360000	12000	460/3/60	79	180.31	90.06	70.44	3960	_____
PACX-H-350-2-C-***	420000	14000	208-230/3/60	182	180.31	90.06	70.44	4046	_____
PACX-H-350-2-D-***	420000	14000	460/3/60	82	180.31	90.06	70.44	4046	_____
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PACX-H-490-2-D-***	587000	20000	460/3/60	125	232.94	90.06	77.00	5322	_____

CONTACT FACTORY FOR CAPACITIES GREATER THAN 49 TONS, CAPACITIES UP TO 100 TONS ARE AVAILABLE.



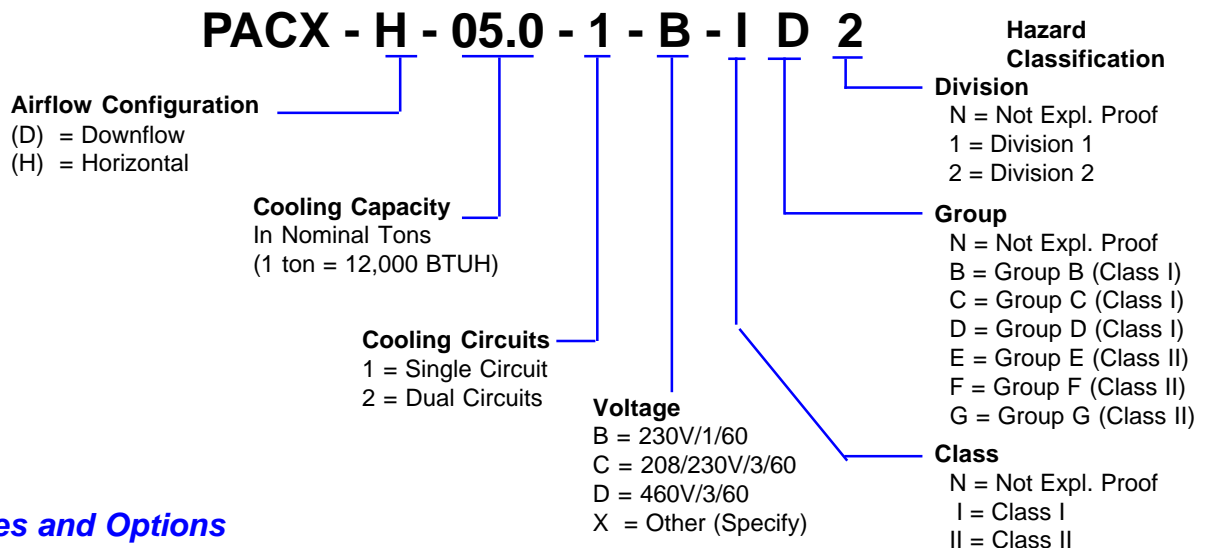
EXPLOSION-PROOF AIR CONDITIONERS

PACX Explosion Proof Packaged Air Conditioners

How to Order

- 1.- Determine the preferred direction of air discharge and return, downflow or horizontal.
- 2.- Determine required cooling capacity in nominal tons (12,000 BTUH per ton).For computer assisted load calculation contact factory and request Technical Support Bulletin REHV1FRM.
- 3.- Determine required voltage configuration. For 50 Hertz models contact factory.
- 4.- Determine hazard classification per National Electric Code (NEC). For example Class I, Group D, Division 2..
- 4.- Select the model number following the order code below.
- 5.- Scan the "Options and Accessories" listing below and select the desired items. Order by adding and slash and the order code of the selection accessory or option. For example: PACX - H - 050 - 1 - B - ID2 / EH (4) / FDI
- 4.- For technical or pricing information contact your representative or Sales Engineering at (800) 654-3857.

Model Number Description



Accessories and Options

Model	Description
TCXP-C-1101	Thermostat, Cool Only, Class I and II, Groups B, C and D, Divisions 1 and 2.
TCXP-HC-1101	Thermostat, Heat / Cool, Manual Switchover, Class I and II, Groups B, C, and D, Divisions 1 and 2.
/EH(kw)	Auxiliary Electric Heat, (specify kw), for Division 2 only. Rated Temperature Code T2A unless specified other.
/SH(MBTUH)	Auxiliary Steam Heater, (specify MBTUH), less trap or control solenoid (specify steam pressure)
/DSI	Disconnect Switch with Circuit Breaker Protection, installed
/RC	Roof Curb for Downflow Models
/LAC	Low Ambient Control, for operating at ambient temperatures between 0 and 50°F
/HGB	Hot Gas Bypass for capacity control
/CuCu	Copper fin / Copper tube condenser and evaporator coils
/CC	SaveCoil 101 oven baked coil coating on condenser and evaporator coils
/BG	BLYGOLD PoluAL spray applied coil coating on condenser and evaporator coils
/EC	Full Corrosion Protection: Sheet Metal Parts Protected with Epoxy Finish; coils protected w/ SaveCoil 101
/ECB	Full Corrosion Protection: Sheet Metal Parts Protected with Epoxy Finish; coils protected w/ BLYGOLD PoluAL
SDI	Smoke Detector, Explosion Proof, installed with system interlock DISCONTINUED NO LONGER AVAILABLE
/XPM	Division 1 Motors substituted for standard motors on Division 2 units
/FAD	Manual Make-Up Air Damper

Your Representative is:



7924 Reco Avenue
Baton Rouge, Louisiana 70814 USA
Phone (225) 926-6950