



Liebert® PeX

Next Generation Environmental
Control for Critical IT&T Systems



FEATURES

- Energy efficient EC fan
- Intelligent Communication and Monitoring
- System Supervision and management
- Modular Construction
- Smallest Footprint
- High Sensible Heat Ratio
- Available in Up flow and Down flow version
- Wide range available from 20kW to 100kW
- Available With Energy Efficient Scroll / Digital Scroll Compressors

APPLICATIONS

- Datacenter Rooms
- Computer Rooms
- Production Facilities
- Network Operation Centers
- Telecommunication Facilities
- Electronic Switch Rooms
- Broadcast Facilities
- Surveillance and Monitoring Centers
- Available with copeland scroll / digital scroll compressors

ADVANTAGES EC FAN

- Continuous speed control across full operating range.
- Power consumption 30% lower than regular AC motors.
- Soft start without inrush current.
- No transmission losses through belt & pulleys.
- Adjustable fan speed, easy adaptable to changing load condition.
- Integrated electronics
- Low noise, vibration free operation.
- High efficiency across full operating Range
- Integral overload protection
- Lower running cost
- Reduced energy usage & lower operating cost.



Technical Data

Model Size	120	125	130	135	240	245	250	260	270	380	390	3100
Unit Dimension - mm												
Width	850	850	850	850	1700	1700	1700	1700	1700	2550	2550	2550
Depth	850	850	850	850	850	850	850	850	850	850	850	850
Height	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950	1950
Fan Section - Floor and Room Units												
Fan Section - Backward Curve EC Fan												
Airflow - l/s	1800	2250	2250	2250	3550	4400	4400	4400	4400	6650	6650	6650
Fan Section - Ducted Units												
Fan Section - Backward Curve EC Fan												
Airflow - l/s	1800	2150	2150	2150	3550	4200	4200	4200	4200	6350	6350	6350
Rate Unit Performance and Weight- Floor and Room units -R22												
Rated Unit Performance -kW												
24°C DB, 17.1°C WB, 50% RH												
Total	19.2	22.8	30.7	34.8	39.4	46.4	53.2	61.9	70.9	79.5	92.6	105.8
Sensible	19.0	22.6	27.9	29.6	38.4	45.6	48.2	55.8	59.6	72.2	83.7	89.2
22°C DB, 15.5°C WB, 50% RH												
Total	18.5	22.0	29.3	33.2	37.5	44.3	50.3	59.2	67.7	74.7	88.4	100.9
Sensible	18.3	21.8	27.4	29.1	37.2	44.0	47.1	54.8	58.6	70.3	82.2	87.7
Unit Weight -kg												
Air Cooled	296	299	325	328	512	516	551	570	577	815	843	853
Rate Unit Performance and Weight- Ducted units - R22												
Rated Unit Performance -kW												
24°C DB, 17.1°C WB, 50% RH												
Total	19.2	22.9	30.8	34.7	39.4	46.0	52.4	62.1	70.0	78.4	92.8	104.8
Sensible	19.0	22.2	27.3	29.0	38.4	44.4	46.4	54.6	58.0	70.3	81.9	86.9
22°C DB, 15.5°C WB, 50% RH												
Total	18.5	21.6	29.4	33.2	37.5	43.4	49.7	59.2	66.8	74.3	88.6	100
Sensible	18.3	21.4	26.9	28.6	37.2	43.1	45.9	53.6	57	68.8	80.5	85.6
Unit Weight -kg												
Air Cooled	283	286	312	315	490	494	529	548	555	781	809	819
Rate Unit Performance and Weight- Floor and Room units -R407C												
Rated Unit Performance -kW												
24°C DB, 17.1°C WB, 50% RH												
Total	21.9	24.9	32.3	37.2	43.9	50.1	56.8	65	74.6	84.8	97.3	106.3
Sensible	19.7	23.1	27.6	29.7	37.4	46.2	48.9	55.1	59.2	73.2	82.8	87.4
22°C DB, 15.5°C WB, 50% RH												
Total	20.3	23.1	30.4	35.5	41.3	46.9	53.4	61.7	70.8	80.3	92.1	106.3
Sensible	19.0	22.4	27.0	29.3	38.4	44.9	47.7	54.0	58.2	71.7	81.1	87.4
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Total	20.3	23.1	30.4	35.0	41.3	46.4	53.3	60.7	69.9	79.7	91.2	104.8
Sensible	19.0	21.9	26.5	28.5	38.4	43.7	46.7	52.5	56.6	70.0	79.0	85.1
Unit Weight -kg												
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