RSV CASV 400-450 Junction All wiring must be field wired. Box Disconnect **SCA** Switch (by others) VFD **XTP** EBC30 VFD CONTROL CIRCUIT Max. 300' (100m) XTP CONTROL CIRCUIT, Max. 10VDC SHIELDED CABLE SHIELDED CABLE EBC CONTROL CIRCUIT Max. 300' (100m) SHIELDED CABLE FAN POWER SUPPLY 230/3/60 or 400/3/60 Stack Probe BBM¹ BBM* BBF' Disconnect 1/4" silicone Switch tubing (Max. 6') (by others)

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Appliance Control

Interlock Wiring

10-120V AC

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System Components and Specifications

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Disconnect Switch (by others)

EBC POWER SUPPLY

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| Model | Fan | Control | Danfoss VFD | If 6+ appliances | Fan Mounting | Balancing Baffles | Power Supply VFD | Max. Input Amp to VFD | Power Supply Fan | Max. Input Current Fan | Max Output Fan HP | RPM |
|---------|--------|---|----------------|---------------------|-----------------|----------------------|------------------------------|--------------------------------|------------------------|---------------------------------|----------------------------|--------------|
| CASV400 | RSV400 | EBC30, incl. XTP and stack probe | 2807 (1HP) | | SCA | BBM/BBF | 220-240/1/60 200-240/3/60 | 16.7 8.2 | 230/3/60 230/3/60 | 4.0 4.0 | 1.0 1.0 | 1740 1740 |
| | | | (1111-) | ES12 | | | 380-480/3/60 | 3.0 | 400/3/60 | 2.3 | 1.0 | 1740 |
| CASV450 | RSV450 | | 2807 (2HP) | E312 | | | 220-240/1/60 | 24.3 | 230/3/60 | 6.5 | 2.0 | 1740 |
| | | | | | | | 200-240/3/60 | 12.2 | 230/3/60 | 6.5 | 2.0 | 1740 |
| | | | | | | | 380-480/3/60 | 5.1 | 400/3/60 | 3.8 | 2.0 | 1740 |

| Wire Rating | Rating Amps | No. of leads | Max. Length | Min, Wire Gauge |
|-------------|------------------------|---|--|--|
| 600V | 6.3 | 3 | * | 14 |
| - | <0.01 | 3 | 300' | 24 |
| 600V | 5.8 | 3 | * | 14 |
| * | * | 4 | * | * |
| - | <0.1 | 2 | 300' | 24 |
| 600V | see above | 5 | * | 14 |
| | 600V - 600V * | Amps 600V 6.3 - <0.01 600V 5.8 * - <0.1 | Amps 600V 6.3 3 - <0.01 3 600V 5.8 3 * * 4 - <0.1 2 | Amps Length 600V 6.3 3 * - <0.01 |

All wiring must comply with local codes, and in their absence, the National Electrical Code, NFPA 70.

VFD POWER SUPPLY 230/1/60 or 230/3/60 or 2460/3/60

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* Use BBF for flanged connection

BBM for all other

* Job specific - check local code