THREE-PHASE POWER CONDITIONER SPECIFICATION BOOK

For use with 3-phase VAC 60 Hz systems

208, 240, or 480VAC 3-phase Delta in 208/120, 480/277 or 400/230 out 60Hz

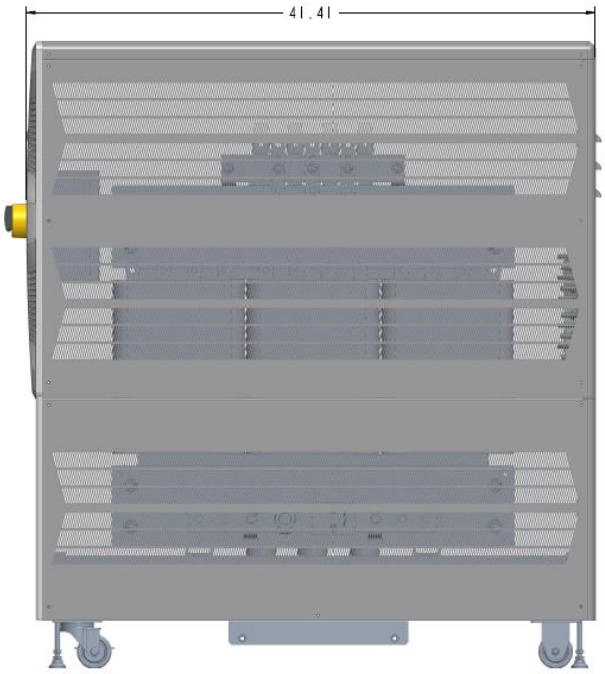
Model No: NPT 36.0,40.0,45.0,55.0,65.0,75.0

Integrity 3-phase Power Conditioner Specification

Model: NPT36.0-H-N(XXX-208/120)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	208/120 3-phase wye
Frequency	60 Hz.
Full load Capacity	36 kVA
Output BTU at full load	2,500 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	680 (308)

Integrity 3-phase Power Conditioner Specification



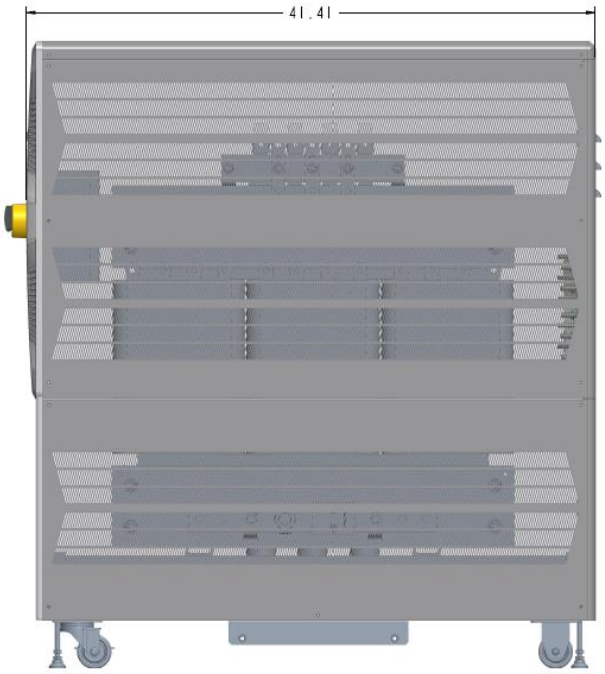
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	103	125	25 kA	1 awg	1/0 awg	208/120	100	2 awg	1/0 awg
240	89	100	25 kA	2 awg	1/0 awg				
480	45	50	25 kA	6 awg	2 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT36.0-H-N(XXX-400/230)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	400/230 3-phase wye
Frequency	60 Hz.
Full load Capacity	36 kVA
Output BTU at full load	2,500 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	680 (308)

Integrity 3-phase Power Conditioner Specification



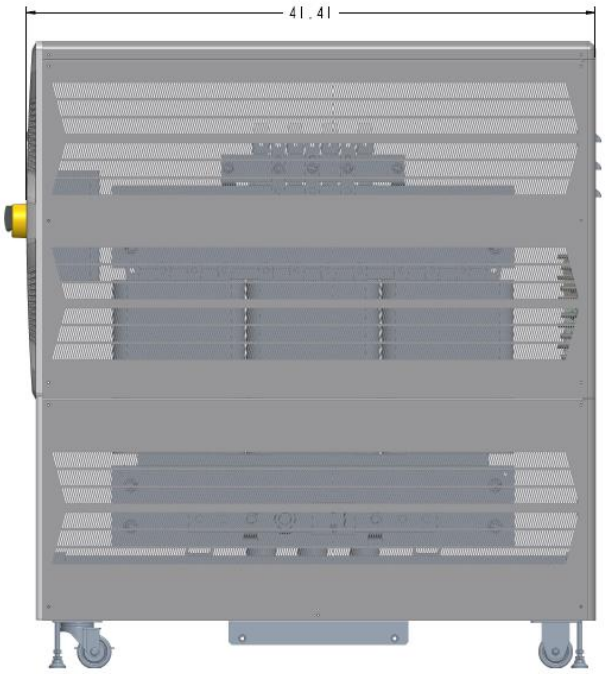
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	103	125	25 kA	1 awg	1/0 awg	400/230	52	6 awg	1/0 awg
240	89	100	25 kA	2 awg	1/0 awg				
480	45	50	25 kA	6 awg	2 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT36.0-H-N(XXX-480/277)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	480/277 3-phase wye
Frequency	60 Hz.
Full load Capacity	36 kVA
Output BTU at full load	2,500 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	680 (308)

Integrity 3-phase Power Conditioner Specification



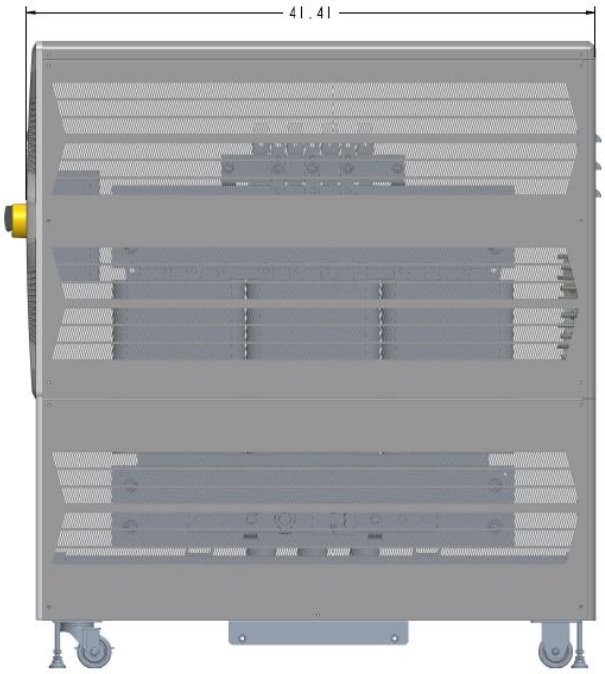
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	103	125	25 kA	1 awg	1/0 awg	480/277	43	8 awg	4 awg
240	89	100	25 kA	2 awg	1/0 awg				
480	45	50	25 kA	6 awg	2 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT40.0-H-N(XXX-208/120)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	208/120 3-phase wye
Frequency	60 Hz.
Full load Capacity	40 kVA
Output BTU at full load	2,730 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	700 (317)

Integrity 3-phase Power Conditioner Specification



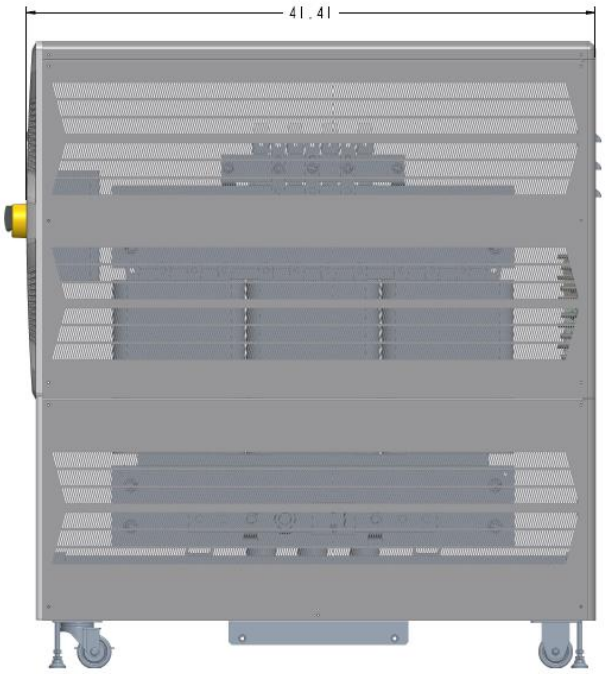
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	114	125	25 kA	1/0 awg	1/0 awg	208/120	111	2 awg	2/0
240	99	125	25 kA	1 awg	1/0 awg				
480	50	60	25 kA	6 awg	2 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT40.0-H-N(XXX-400/230)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	400/230 3-phase wye
Frequency	60 Hz.
Full load Capacity	40 kVA
Output BTU at full load	2,730 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	700 (317)

Integrity 3-phase Power Conditioner Specification



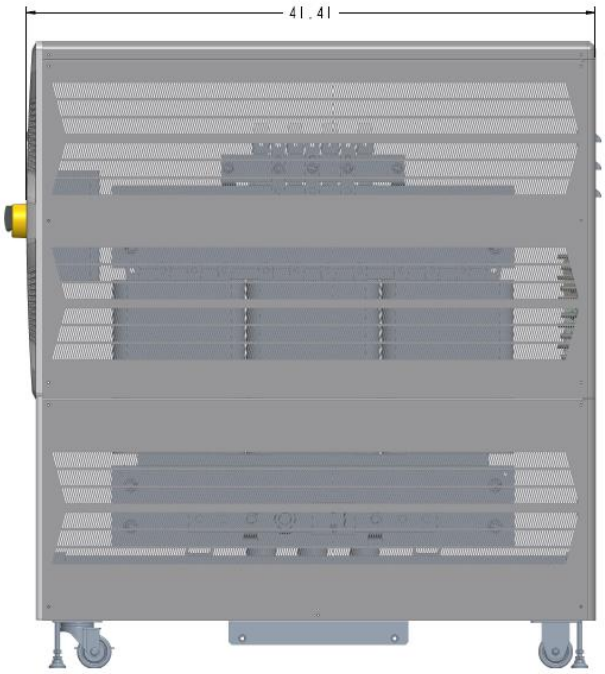
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	114	125	25 kA	1/0 awg	1/0 awg	400/230	58	6 awg	1/0
240	99	125	25 kA	1 awg	1/0 awg				
480	50	60	25 kA	6 awg	2 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT40.0-H-N(XXX-480/277)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	480/277 3-phase wye
Frequency	60 Hz.
Full load Capacity	40 kVA
Output BTU at full load	2,730 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	700 (317)

Integrity 3-phase Power Conditioner Specification



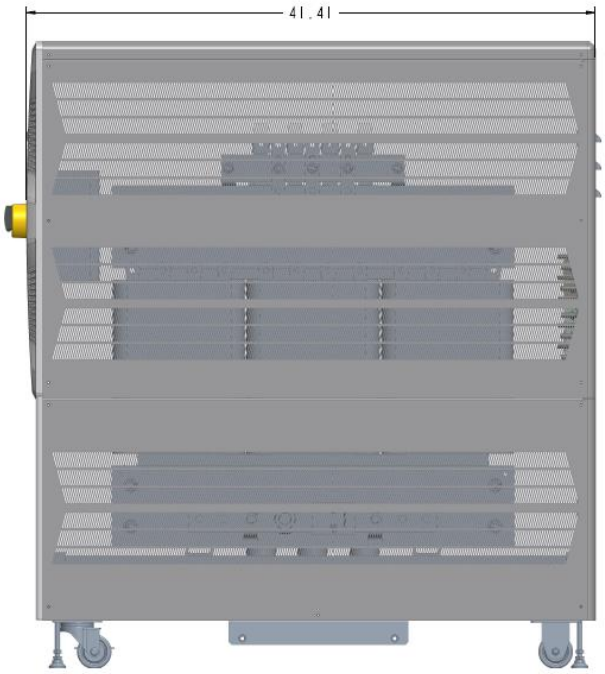
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	114	125	25 kA	1/0 awg	1/0 awg	480/277	48	6 awg	1/0
240	99	125	25 kA	1 awg	1/0 awg				
480	50	60	25 kA	6 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT45.0-H-N(XXX-208/120)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	208/120 3-phase wye
Frequency	60 Hz.
Full load Capacity	45 kVA
Output BTU at full load	3,070 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	790 (358)

Integrity 3-phase Power Conditioner Specification



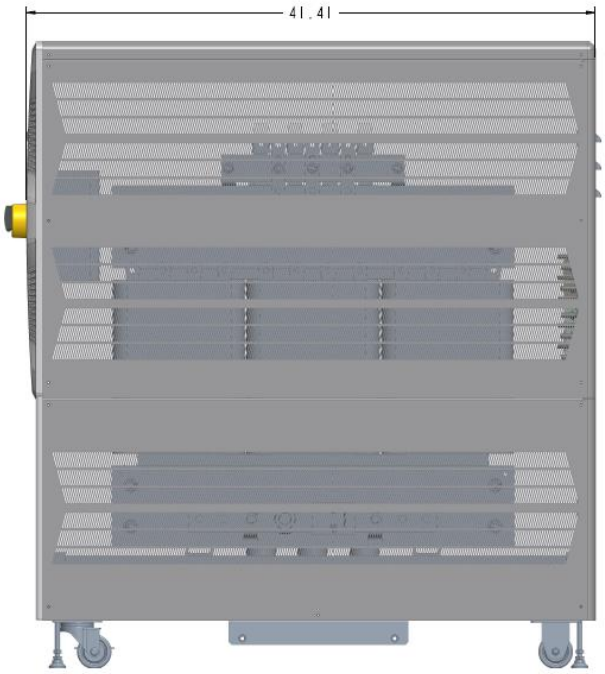
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	125	150	25 kA	1/0 awg	1/0 awg	208/120	125	1 awg	1/0 awg
240	108	130	25 kA	1 awg	1/0 awg				
480	54	65	25 kA	4 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT45.0-H-N(XXX-400/230)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	400/230 3-phase wye
Frequency	60 Hz.
Full load Capacity	45 kVA
Output BTU at full load	3,070 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	790 (358)

Integrity 3-phase Power Conditioner Specification



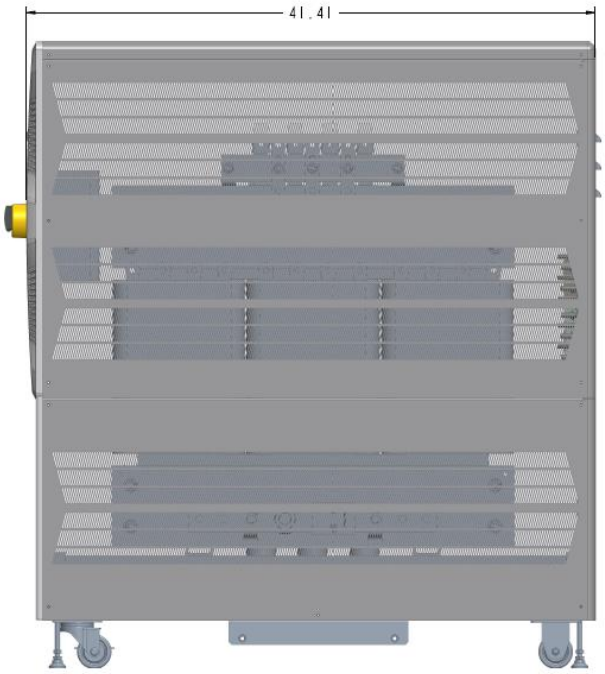
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	129	150	25 kA	1/0 awg	1/0 awg	400/230	65	4 awg	1/0 awg
240	112	125	25 kA	1 awg	1/0 awg				
480	56	60	25 kA	4 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT45.0-H-N(XXX-480/277)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	480/277 3-phase wye
Frequency	60 Hz.
Full load Capacity	45 kVA
Output BTU at full load	3,070 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	790 (358)

Integrity 3-phase Power Conditioner Specification



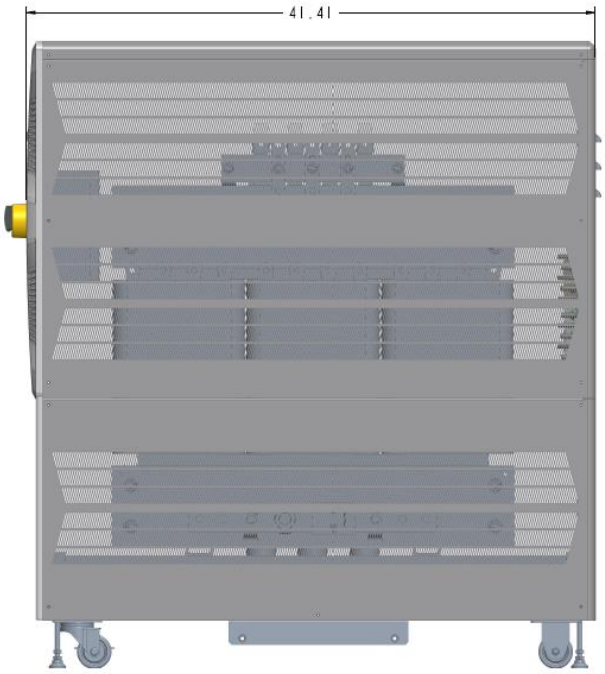
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	129	150	25 kA	1/0 awg	1/0 awg	480/277	54	6 awg	1/0 awg
240	112	125	25 kA	1 awg	1/0 awg				
480	56	60	25 kA	6 awg	1 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT55.0-H-N(XXX-208/120)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	208/120 3-phase wye
Frequency	60 Hz.
Full load Capacity	55 kVA
Output BTU at full load	3,800 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	860 (390)

Integrity 3-phase Power Conditioner Specification



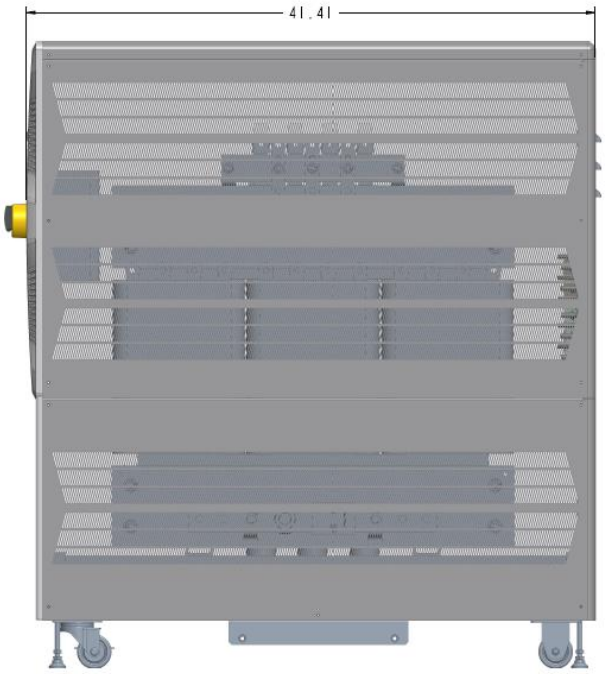
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	156	190	25 kA	1/0 awg	1/0 awg	208/120	152	1/0 awg	3/0 awg
240	136	165	25 kA	1 awg	1/0 awg				
480	68	85	25 kA	4 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT55.0-H-N(XXX-400/230)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	400/230 3-phase wye
Frequency	60 Hz.
Full load Capacity	55 kVA
Output BTU at full load	3,800 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	860 (390)

Integrity 3-phase Power Conditioner Specification



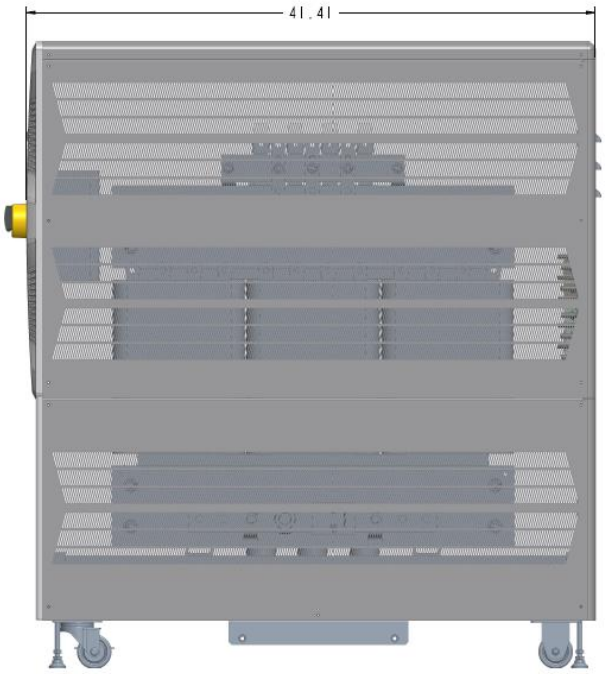
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	156	190	25 kA	1/0 awg	1/0 awg	400/230	79	4 awg	1/0 awg
240	136	165	25 kA	1 awg	1/0 awg				
480	68	85	25 kA	4 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT55.0-H-N(XXX-480/277)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	480/277 3-phase wye
Frequency	60 Hz.
Full load Capacity	55 kVA
Output BTU at full load	3,800 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	860 (390)

Integrity 3-phase Power Conditioner Specification



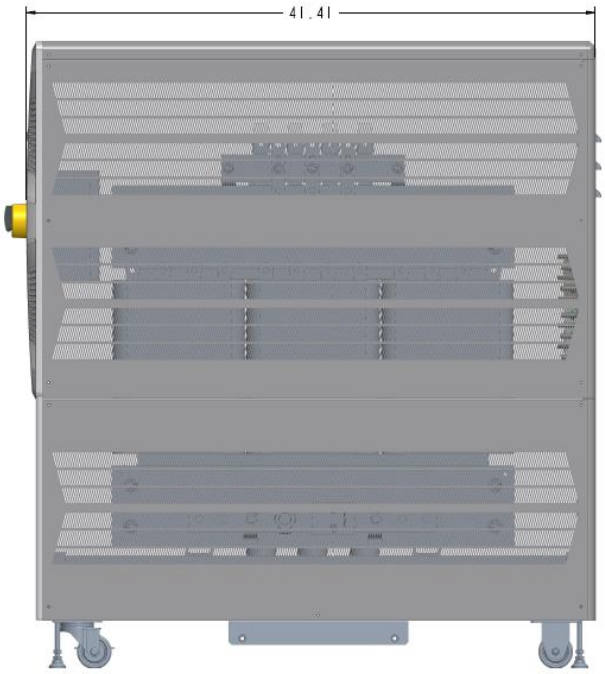
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	157	175	25 kA	1/0 awg	1/0 awg	480/277	66	4 awg	1/0 awg
240	136	150	25 kA	1 awg	1/0 awg				
480	68	80	25 kA	4 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT65.0-H-N(XXX-208/120)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	208/120 3-phase wye
Frequency	60 Hz.
Full load Capacity	65 kVA
Output BTU at full load	4,450 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	900 (408)

Integrity 3-phase Power Conditioner Specification



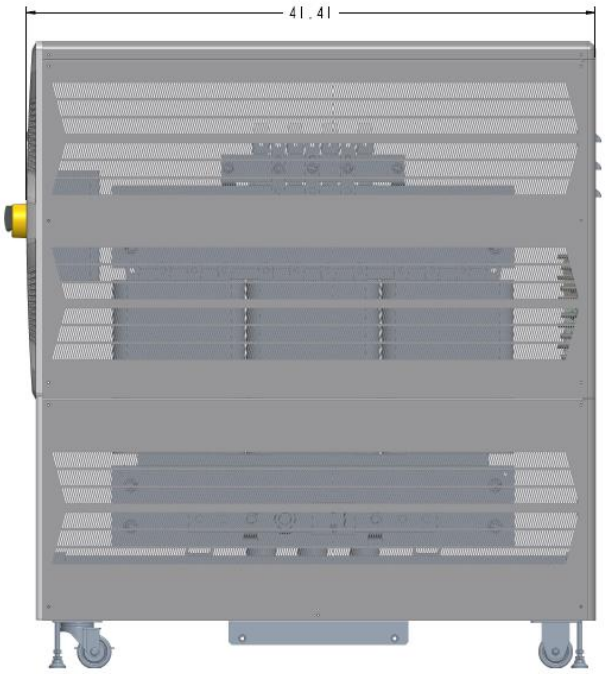
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	186	225	25 kA	2/0 awg	3/0 awg	208/120	180	2/0 awg	4/0 awg
240	161	200	25 kA	2/0 awg	3/0 awg				
480	80	100	25 kA	2 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT65.0-H-N(XXX-400/230)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	400/230 3-phase wye
Frequency	60 Hz.
Full load Capacity	65 kVA
Output BTU at full load	4,450 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	900 (408)

Integrity 3-phase Power Conditioner Specification



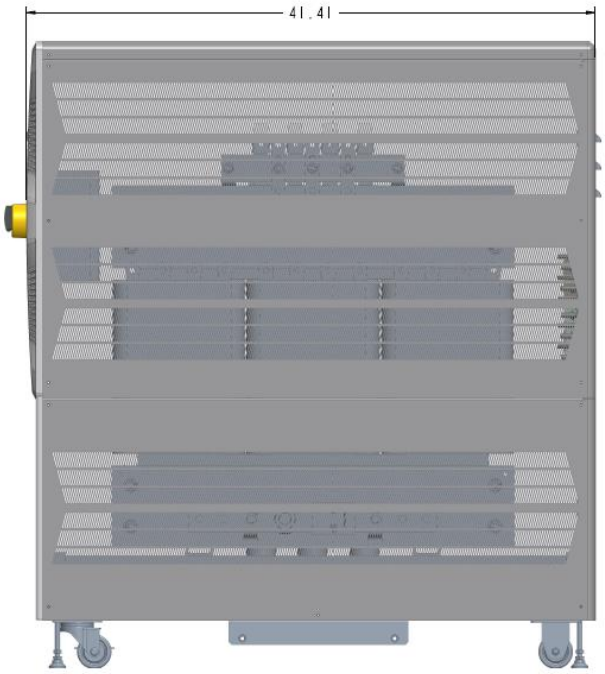
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	186	225	25 kA	2/0 awg	3/0 awg	400/230	94	4 awg	1/0
240	161	200	25 kA	2/0 awg	3/0 awg				
480	80	100	25 kA	2 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT65.0-H-N(XXX-480/277)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	480/277 3-phase wye
Frequency	60 Hz.
Full load Capacity	65 kVA
Output BTU at full load	4,450 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	900 (408)

Integrity 3-phase Power Conditioner Specification



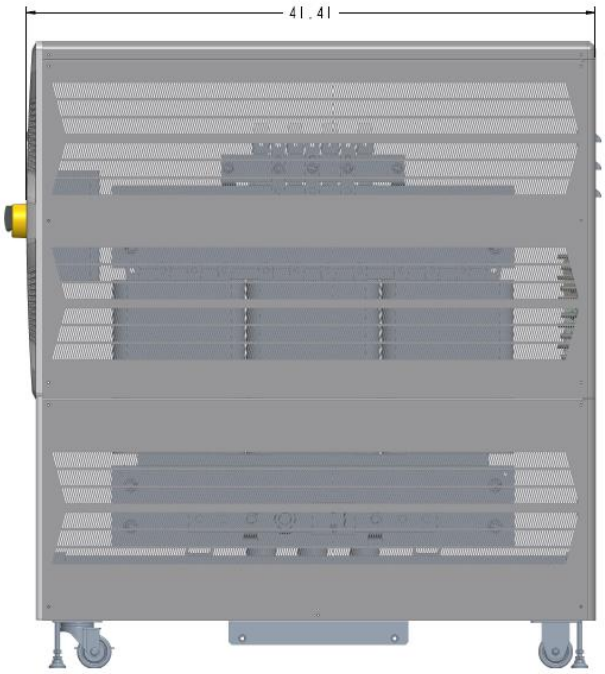
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	186	200	25 kA	2/0 awg	3/0 awg	480/277	78	2 awg	1/0
240	161	175	25 kA	2/0 awg	3/0 awg				
480	81	90	25 kA	2 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT75.0-H-N(XXX-208/120)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	208/120 3-phase wye
Frequency	60 Hz.
Full load Capacity	75 kVA
Output BTU at full load	5,125 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	950 (431)

Integrity 3-phase Power Conditioner Specification



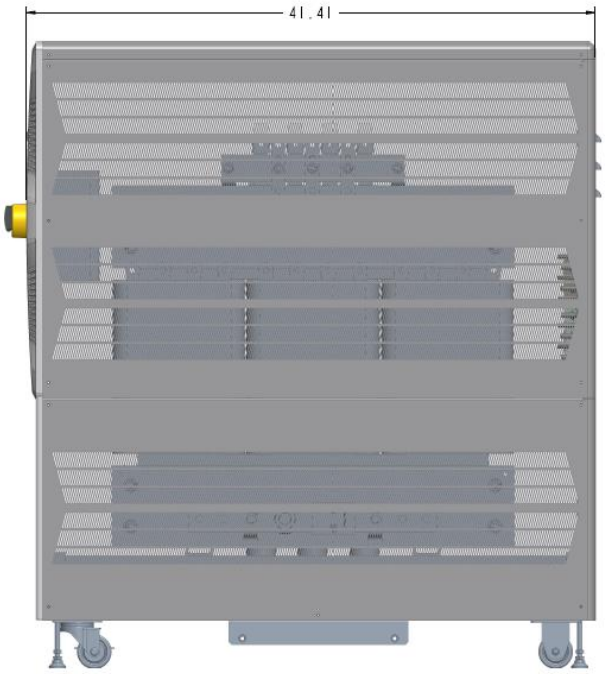
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	215	225	25 kA	2//0 awg	3/0 awg	208/120	208	2/0 awg	4/0
240	186	200	25 kA	2/0 awg	3/0 awg				
480	93	100	25 kA	2 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT75.0-H-N(XXX-400/230)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	400/230 3-phase wye
Frequency	60 Hz.
Full load Capacity	75 kVA
Output BTU at full load	5,125 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	950 (431)

Integrity 3-phase Power Conditioner Specification



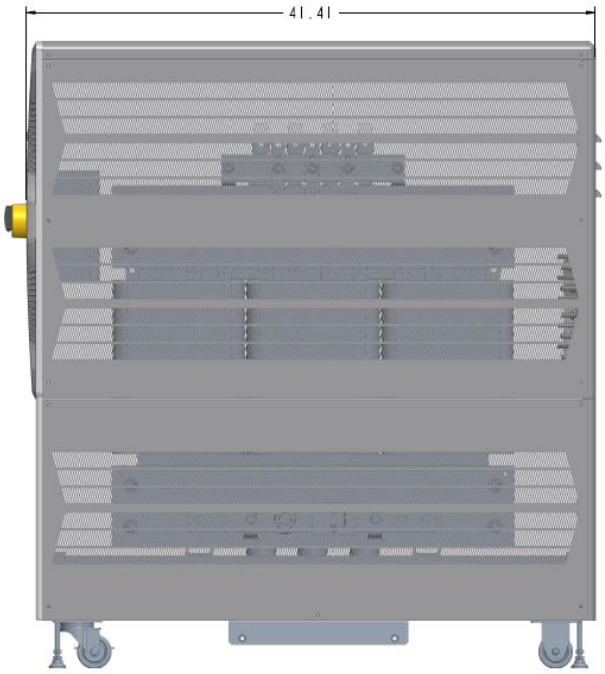
Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	215	260	25 kA	2//0 awg	3/0 awg	400/230	108	2 awg	1/0 awg
240	186	225	25 kA	2/0 awg	3/0 awg				
480	93	115	25 kA	2 awg	1/0 awg				

Integrity 3-phase Power Conditioner Specification

Model: NPT75.0-H-N(XXX-480/277)

Input Voltage	208, 240 or 480 VAC 3-phase delta connection
Output Voltage	480/277 3-phase wye
Frequency	60 Hz.
Full load Capacity	75 kVA
Output BTU at full load	5,125 per hour
Efficiency	>98% at full load
Surge Filtering	ATTENUATION: When an ANSI/IEEE C62.41 Category A surge is applied in either normal or common mode to the input of the unit <10.0 V normal mode and <0.5 V common mode will be produced on the output. The product employs an isolation transformer and is a separately derived system. A new neutral to ground bond is established on the output of the power conditioner.
Withstand Voltage	Power conditioner tested to withstand up to 6000 volts at 3000 amps uni-polar and ring-wave surge.
Transformer Construction	Transformer wires are aluminum and insulated with Class R materials. Windings is insulated with nomex paper before varnishing. Transformer Internal wiring is rated for a minimum of 200 degree C sleeved with Class R materials. Unit is RoHS compliant.
Unit Size **H x W x D - inches (mm.)**	45.5 x 20.0 x 41.41 (1156 x 508 x 1052)
Unit weight in lbs. (kg.)	950 (431)

Integrity 3-phase Power Conditioner Specification



Input Voltage 3-Phase	Full Load Input Current	Supply Breaker Rating	Current Interrupt Capacity of Input Circuit Breaker	Minimum Input Wire Size	Maximum Input Wire Size	Output Voltage 3-Phase Wye	Maximum Output Current	Minimum output WireSize	Maximum output Wire Size
208	215	225	25 kA	2//0 awg	3/0 awg	480/277	90	2 awg	1/0
240	186	200	25 kA	2/0 awg	3/0 awg				
480	93	100	25 kA	2 awg	1/0 awg				