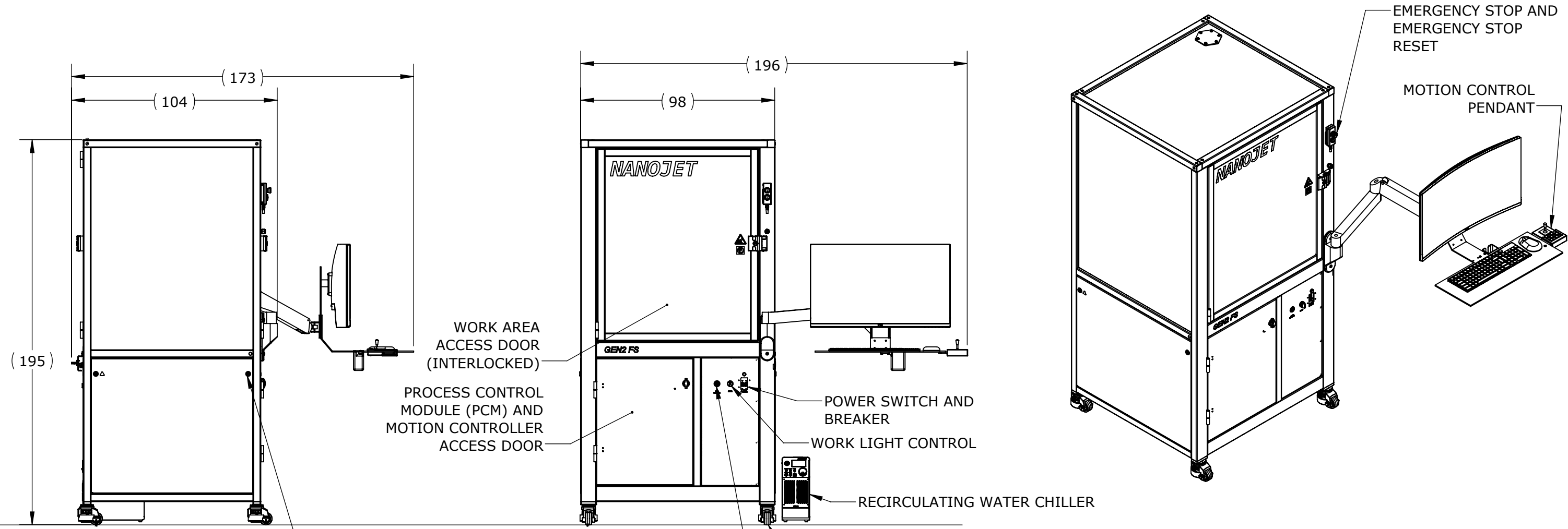


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	EC
	B	UPDATE VACUUM SPEC.	4/10/2025	01943

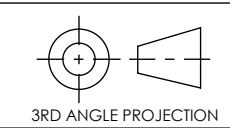
**NOTES**

1. SYSTEM WEIGHT: 320 KG (459 KG CRATED FOR SHIPPING)
2. MAIN ENCLOSURE: 98 X 104 X 195 CM (W X D X H)
3. SPACE REQUIREMENTS: 196 X 173 X 195 (W X D X H) DEPENDING ON KEYBOARD/MONITOR ARM POSITION.
4. POWER REQUIREMENTS: 120/240 VAC 50/60 HZ 15/7.5 A
5. GAS SUPPLY REQUIREMENTS: CLEAN DRY AIR OR LABORATORY GRADE NITROGEN, 0.7 BAR 200 SCCM, 3.4 BAR MAXIMUM
6. OPTIONAL PLATEN VACUUM SUPPLY: 8 INHG
7. THE SYSTEM REQUIRES (2) MAIN FUSES. FOR 120 V CONFIGURATION, INSTALL IDS:101586 15 A FUSES. FOR 240 V CONFIGURATION, INSTALL IDS:101585 7.5 A FUSES.



LEFT

FRONT



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DIMENSIONS IN PARENTHESIS FOR REFERENCE ONLY  
 INTERPRET GEOMETRIC TOLERANCING PER: ANSI

MATERIAL	N/A
FINISH	N/A
DO NOT SCALE DRAWING	

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 609 Osuna Rd, NE, Albuquerque, NM  
 www.idsnm.com

TITLE:  
**FS SYSTEM, NANOJET GEN2 SINGLE MATERIAL**

DWG. NO.	REV <b>B</b>
----------	-----------------

6

5

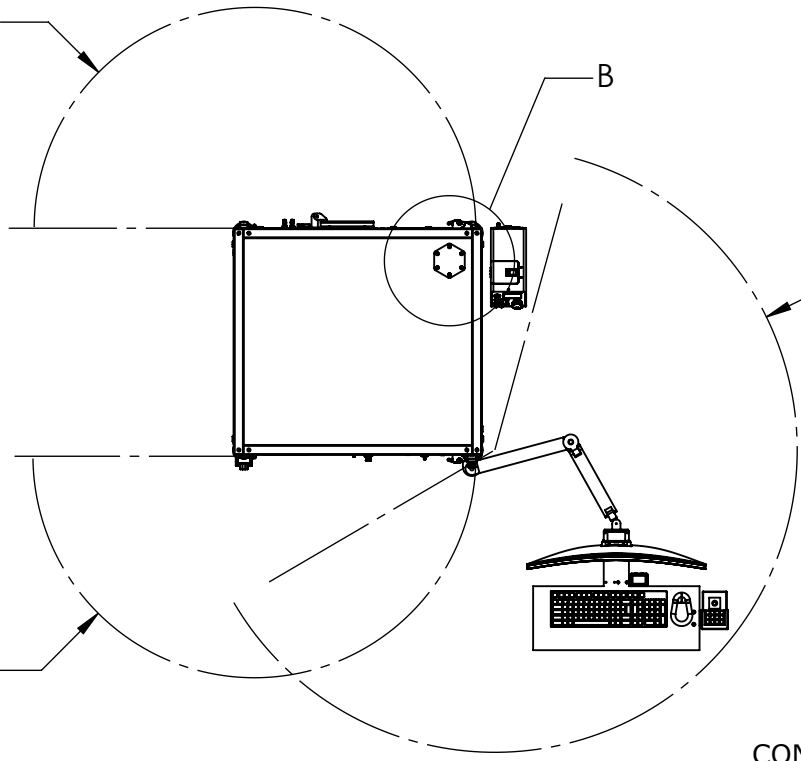
4

3

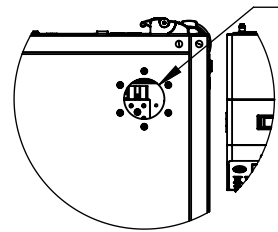
2

1

REAR SERVICE DOOR  
(KEY LOCK)  
R88



TOP



EXHAUST CONNECTION  
(6) M6 BOLTS ON  $\phi$ 110.3 MM BOLT CIRCLE  
 $\phi$ 80 MM OPENING  
EXAMPLE FLANGE: MCMASTER 4494N14

DETAIL B  
SCALE 1 : 15

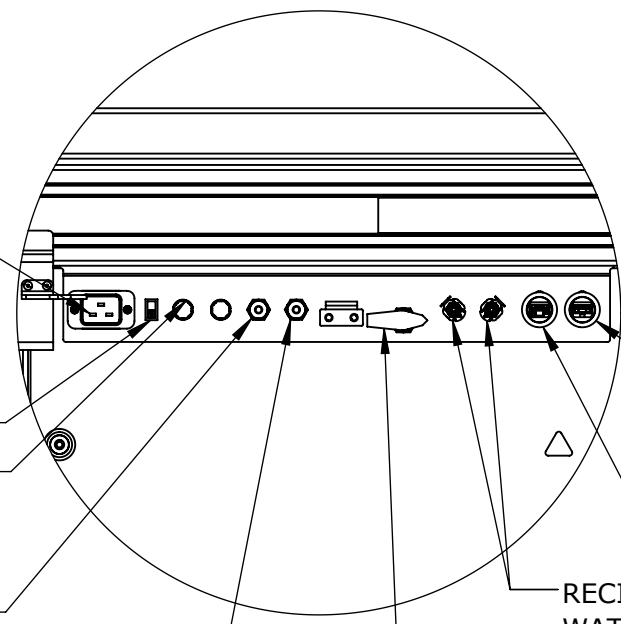
MONITOR ARMS  
R120  
(APPROX.)

UTILITY POWER CONNECTION  
IEC 320-C14 SOCKET  
USE 16 GAUGE CORD MINIMUM

120/240 VAC INPUT VOLTAGE SELECTOR SWITCH.  
CONFIGURE FOR LOCAL MAINS VOLTAGE PER USER MANUAL.  
MAIN SYSTEM FUSES (SEE NOTES)

OPTIONAL VACUUM INPUT CONNECTION  
ATTACH 6 MM OUTER DIAMETER  
FLEXIBLE TUBING

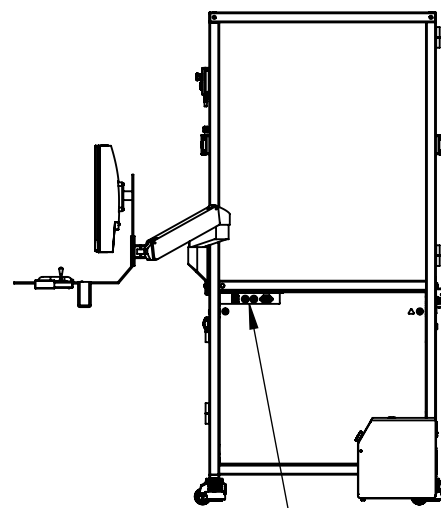
COMPRESSED AIR INPUT  
ATTACH 6 MM OUTER DIAMETER  
FLEXIBLE TUBING.  
3.4 BAR (50 PSI) MAX PRESSURE.



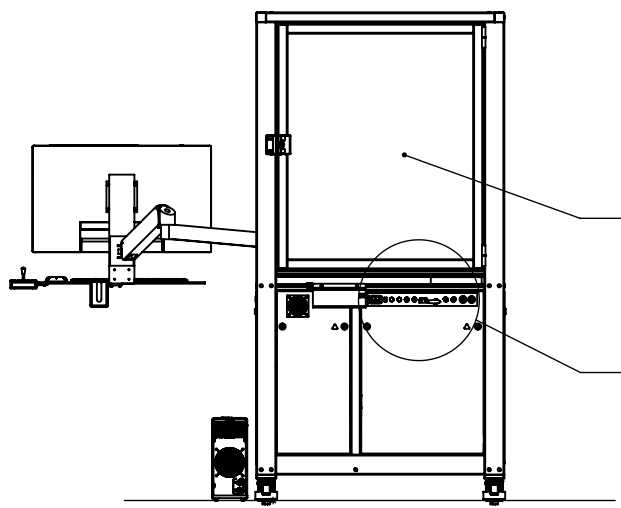
DETAIL A  
SCALE 1 : 6

RECIRCULATING CHILLER  
USB CONNECTION  
WIRED NETWORK SOCKET  
RJ45

RECIRCULATING CHILLER  
WATER CONNECTIONS  
SERVICE PRESSURE DISCONNECT  
(SHOWN IN "ON" POSITION)



MONITOR, KEYBOARD,  
PENDANT CONNECTIONS



BACK

REAR SERVICE  
ACCESS DOOR  
(KEY LOCK)

A

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www.idsnm.com

TITLE:  
**FS SYSTEM, NANOJET GEN2  
SINGLE MATERIAL**

DWG. NO. REV  
**B**

SCALE: 1:30    SIZE B    SHEET 2 OF 2

6

5

4

3

2

1