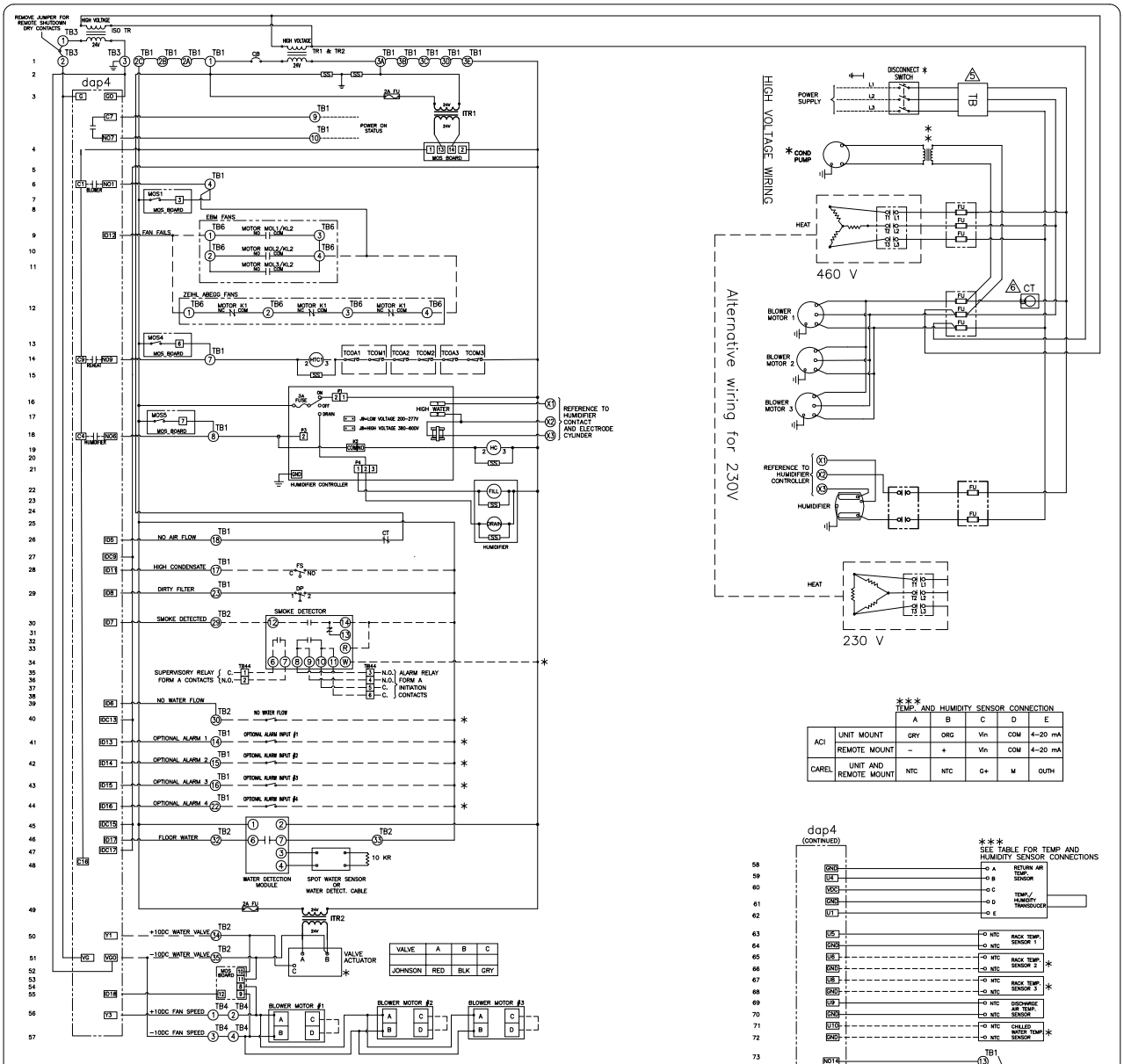


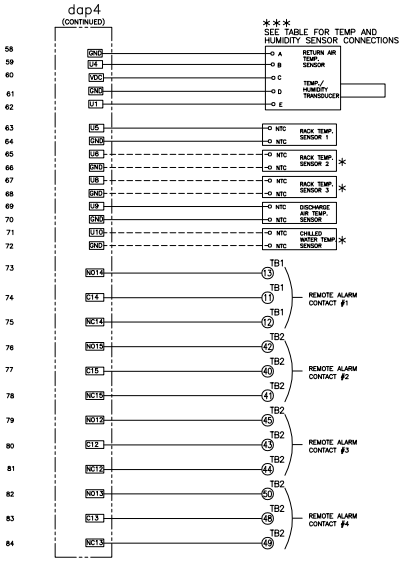
*** TEMP. AND HUMIDITY SENSOR CONNECTION

		A	B	C	D	E
ACI	UNIT MOUNT	GRY	ORG	Vin	COM	4-20 mA
	REMOTE MOUNT	–	+	Vin	COM	4-20 mA
CAREL	UNIT AND REMOTE MOUNT	NTC	NTC	G+	M	OUTH

VALVE	A	B	C
JOHNSON	RED	BLK	GRY

EC PLUG FAN MOTOR CONNECTION POINTS

MANUFACTURER	A	B	C	D
	PIN/LABEL	PIN/LABEL	PIN/LABEL	PIN/LABEL
FANS-TECH	6/Ain1U	5/GND	Not Req'd	Not Req'd
EBM PAPST GEN II	4/Ain1U	3 or 10/GND	Not Req'd	Not Req'd
ZIEHL-ABEGG	E1	GND	D1	+24V
EBM PAPST GEN I	3 or 7/0-10V PWM	2 or 8/GND	Not Req'd	Not Req'd
ROSENBERG	Analog 1 5/0-10V/PWM	Analog 1 5/0-10V/PWM	11/Enable	10/+24V



PANEL LEGEND

ACC	= AUXILIARY COMPRESSOR CONTACT
BC	= BLOWER CONTACTOR
BF	= BLOWER FUSE
CB	= CIRCUIT BREAKER
CCH	= CRANKCASE HEATER
CF	= COMPRESSOR FUSE
CP	= COMPRESSOR CONTACTOR
DP	= DIFFERENTIAL PRESSURE SWITCH
dap4	= DATA ALARM PROCESSOR 4
EHR	= ELECTRIC HEAT RELAY
EPS	= ENERGY SAVER RELAY
EXP	= EXPANSION MODULE
FU	= FUSE
HF	= HUMIDIFIER FUSE
HC	= HUMIDIFIER CONTACTOR
HFS	= HOT GAS SOLENOID
HGS	= HOT GAS SOLENOID
HTC	= REHEATER CONTACTOR
HTF	= REHEATER FUSE
HUM	= HUMIDIFIER
ITR	= 24V TO 24V ISOLATION TRANSFORMER
LLS	= LIQUID LINE SOLENOID
LPC	= LOW PRESSURE CUTOUT
MOL	= MOTOR OVERLOAD
MOS	= MANUAL OVERRIDE SWITCH
OLR	= OVERLOAD RELAY
SPS	= CONDENSATE PUMP SECONDARY FLOAT SWITCH FOR THE CONDENSATE PUMP
TSS	= TERMINAL SHUTDOWN SWITCH
TCOA	= THERMAL CUTOUT AUTO
TCOM	= THERMAL CUTOUT MANUAL OR ONE SHOT
TR	= TRANSFORMER
WS	= WATER SENSING CHANGEOVER THERMOSTAT
⊗	= TERMINAL BLOCK NO.
⊠	= NORTEC TERMINAL STRIP CONNECTION
— — —	= OPTIONAL WIRING
*	= OPTIONAL COMPONENTS
**	= USE ON 460V UNIT MOUNTED CONDENSATE PUMP ONLY.
***	= TEMP. AND HUMIDITY SENSOR CONNECTION TABLE
A	= TB MAY BE OMITTED WHEN DISCONNECT SWITCH IS USED
6	= FOR CT THREE (3) LOOPS IS THE MINIMUM NUMBER OF LOOPS. AN ADDITIONAL LOOP, (4) IS ALSO ACCEPTABLE

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DWG TITLE:
gForce IR with DAP 4 CONTROLLER 60 KW CHILLED WATER

JOB NO:	DRAWN BY: M. COCHRAN
PROJECT NO: IRCS9033XY	CHECKED BY: F. BELTRAN
	EFFECTIVITY DATE: 01-24-2019
OPTION:	REVISION: D
DIAGRAM NO: IRC-S-9033 XY	